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Hematological and Iron-Related Analytes— Reference Data for Persons Aged 1 Year and Over: United States, 1988–94



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

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Data From the Third National Health
Examination Survey

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

Hyattsville, Maryland
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Abstract

Objectives

This report presents national estimates of hematologic and iron-related analytes for persons 1 year of age and over, by age, sex, and race/ethnicity.

Methods

The analysis is based on data from the third National Health and Nutrition Examination Survey (NHANES III) (1988–94), which was designed to provide information on the health and nutritional status of the civilian noninstitutionalized U.S. population. The sample used for these analyses included the 26,372 participants who had laboratory tests.

Results

This report provides mean, standard error of the mean, median, and percentile laboratory values for the U.S. population, 1988–94, for hematological and iron-related analytes. In addition, percentage distributions are provided.

Conclusions

Data on hematological and iron analytes provide reference values for clinical and longitudinal comparisons.

Keywords: *NHANES III • health status • hemoglobin • hematocrit • red blood cells • white blood cells • platelets • serum iron • ferritin • erythrocyte protoporphyrin • U.S. population*

Hematological and Iron-Related Analytes—Reference Data for Persons Aged 1 Year and Over: United States, 1988–94

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Introduction

This report describes the concentrations of hematological elements, iron, and iron-carrying proteins in the blood and presents reference data for the U.S. population 1 year of age and over, by sex, race/ethnicity group, and age. The source for these data is the third National Health and Nutrition Examination Survey (NHANES III), conducted from 1988 through 1994 by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC).

The National Health and Nutrition Examination Surveys (NHANES) are designed to provide information on the health and nutritional status of the civilian noninstitutionalized population of the United States. The survey program was begun in 1960 with three surveys of health status, the National Health Examination Surveys (NHES) (1–3). In 1970 an expanded nutrition component was added to provide data with which to assess nutritional status and dietary practices, and the name was

changed to the National Health and Nutrition Examination Survey (4,5). NHANES III is the seventh national survey. The current NHANES was fielded in 1999 and is a continuously running survey.

One of the goals of NHANES III was to estimate national population reference distributions of selected health parameters, including nutritional status indicators. This report provides national reference data on count, size, and hemoglobin content of erythrocytes (red blood cells or RBCs); the count and percentage of various types of leukocytes (white blood cells or WBCs); and the count and size of thrombocytes (platelets) in blood. It also provides reference data on the concentration of iron, total iron-binding capacity (TIBC), ferritin, transferrin saturation, and erythrocyte protoporphyrin. As a cornerstone of the National Nutrition Monitoring and Related Research Program, NHANES provides data for public policy decisions and program planning, including the regulation of food fortification (6).

Methods

Survey and Sample Collection Methods

Source of Data and Survey Design

NHANES III used a stratified, multistage design to obtain a representative probability sample of the civilian noninstitutionalized population of the United States, 2 months of age and over. The survey was conducted from October 1988 through October 1994 and was designed as two 3-year phases, each of which constitutes a national probability sample. The 6-year sample, also a national probability sample, provides more statistically reliable estimates because of its larger size. Subgroups of the population were oversampled to allow increased precision in estimates for these groups; subgroups included non-Hispanic black persons, Mexican-American persons, all children 2 months to 5 years of age, and all persons 60 years of age and over. A detailed description of sample design specifications and other methods of the survey is included in the *Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988–94* (7). Sample collections, procedures, and methods related to laboratory examinations are found in *Laboratory Methods Used for the Third National Health and Nutrition Examination Survey (NHANES III), 1988–94*, a component of the above reference (8).

The survey included an interview conducted in the household and an examination at a mobile examination center (MEC). Information obtained during the interview included individual characteristics such as sex, age, self-reported race and ethnicity, years of education completed, and household income information. The interviewer also asked questions on selected health conditions and behaviors, including information on smoking and use of vitamin or mineral supplements.

The MEC examination consisted of a variety of physical measurements, a

phlebotomy, and an additional personal interview. To increase response rates, a home examination was offered to frail older people or others unable to travel to the MEC. The home examination was more limited than the MEC examination but did include a phlebotomy and an interview. The home examinations can account for the 134 individuals age 70 years and over who had blood tests but who were not examined at the MEC.

The categories of age and race/ethnicity used for the tables in this report are based on the sample design subdomains and are those recommended for improved precision of estimates in the “Key Variables for Analysis” section of the *NHANES III Analytic Guidelines* (7). In this series report, age is defined as age in years at the last birthday at the time of the household interview. Self-reported race and Hispanic ethnicity were obtained during the interview. Separate estimates are presented only for non-Hispanic white persons, non-Hispanic black persons, and Mexican-American persons; persons of other race/ethnicity were not reported in sufficient numbers to allow reliable estimates but are included in the total category of all racial/ethnic groups.

Before the examinee underwent phlebotomy, a questionnaire was administered to determine eligibility for all phlebotomy procedures, including questions to determine risks that would prohibit the venipuncture, such as the examinee being a diagnosed hemophiliac or currently taking blood-thinning medication. Questions were also asked to document and determine fasting compliance, and the time of the day of the venipuncture was recorded to aid in interpreting the results of the laboratory tests performed. Examinees age 12 years and over were instructed to fast for 10–16 hours before the morning examination or for 6 hours before the afternoon or evening examination.

Examination and Specimen Collection

The examination component consisted of interviews and a series of tests and procedures that included:

- A general medical examination and screening by a physician, including additional medical history information.
- Body measurements.
- A dietary interview.
- Laboratory tests on whole blood, serum, plasma, and urine specimens.
- Selected tests such as blood pressure and bone density.

The examination component was performed in identically equipped MECs specially designed for this study. Because of strict adherence to continuity of protocols for the duration of the survey, environment and equipment contributions to differences between examination findings from one sample location to another were minimized. The full-time examination teams were specifically trained to follow the study protocols, which provided for standardization and evaluation of their performance.

Specimen Collection

Serum, plasma, and whole blood specimens were collected from survey participants by NCHS field laboratory personnel and were sent for analyses to CDC laboratories and to 23 contract laboratories.

Venipuncture

The primary area from which the blood was drawn was the antecubital fossa; the dorsum of the hand was a secondary site. With the examinee in a recumbent position, the venipuncture area was cleansed with alcohol, and a tourniquet was applied proximal to the site. Once the needle was inserted into the vein, the tourniquet was released to free the flow of blood.

Unlike previous NHANES, no attempt was made in NHANES III to collect blood specimens from small children by fingerstick collection techniques. Even though explicit protocols for proper collection had been followed in previous surveys, these data invariably were deleted from the data because of hemodilution of fingerstick samples (caused by excessive milking), inadequate sample volumes, breakage of containers during shipment, or possible contamination of the blood lead

specimen. Therefore, NCHS decided that no attempt would be made to collect blood from children under 1 year of age. Furthermore, MEC teams received extensive training in pediatric phlebotomy techniques, including instruction by a pediatric nurse practitioner, which they used successfully in collecting blood from young children 1 year and over. Volumes of blood collected from NHANES participants ranged from 7 mL from children 1–3 years old to 100+ mL in some adults 20–59 years old. For the hematologic measurements, 3-mL evacuated specimen tubes with K₃EDTA anticoagulant (0.06 mL, 7.5 percent) were used.

Survey Response Rates and Sample Sizes

Survey response rates and sample sizes for all 6 years of NHANES III are summarized in [table A](#). Of the 37,489 persons 1 year and over who were selected over the 6 years of the survey, 31,887 (85.1 percent) were interviewed in their homes. All interviewed persons

were invited to the MEC for a medical examination. Seventy-seven percent (28,857) of the selected persons 1 year of age and over were examined in the MEC or in the home, and 26,372 (70.3 percent) had at least one blood test. Each data table lists the total number of persons who had valid tests for that specific analyte.

Laboratory Methods for Hematology and Definitions

Definitions of Hematological Elements

Red blood cell count (erythrocyte count; RBC) $\times 10^{12}/L$ —The number of RBCs in a given volume of blood. An RBC is a hemoglobin-containing, deformable, biconcave disk composed of protein-lipid stroma with a lipid peripheral cell membrane. The mature cells do not contain a nucleus.

Hemoglobin concentration (Hb) g/L—The red, iron-containing

chromoprotein within a circulating mature RBC that has the primary physiologic function of oxygen transport and also plays a role in carbon dioxide transport. Measurement of hemoglobin itself is a direct means of determining the presence of anemia, which is most frequently associated with iron deficiency.

Hematocrit level (relative volume of erythrocytes; Hct) L/L—A measure of the volume of RBCs in a given volume of blood. Hematocrit level is often used as a diagnostic screening tool for nutritional or iron deficiency. This measurement alone is not conclusive in detecting iron deficiency, although it is useful in the diagnosis of anemia for which there are many additional causes.

Mean corpuscular volume (MCV) fL (femtoliter; $10^{-15}L$)—The average volume of the individual RBCs of the blood sample.

Mean corpuscular hemoglobin (MCH) pg (picogram; $10^{-12}g$)—The average amount of hemoglobin by weight in the individual RBCs of the blood sample.

Table A. Sample size and response rates of persons 1 year and over for the Third National Health and Nutrition Examination Survey, by age, sex, and race/ethnicity: United States, 1988–94

Characteristic	Sample size (number)	Interviewed		MEC-examined ¹		Blood-tested	
		Number	Percent	Number	Percent	Number	Percent
Age							
1 year and over	37,489	31,887	85.1	28,857	77.0	26,372	70.3
1–2 years	2,839	2,689	94.7	2,527	89.0	1,786	62.9
3–5 years	3,720	3,465	93.1	3,260	87.6	2,618	70.4
6–8 years	1,845	1,690	91.6	1,601	86.8	1,384	75.0
9–11 years	1,940	1,777	91.6	1,685	86.9	1,507	77.7
12–14 years	1,494	1,345	90.0	1,274	85.3	1,161	77.7
15–19 years	2,393	2,096	87.6	1,937	80.9	1,786	74.6
20–29 years	4,437	3,783	85.3	3,508	79.1	3,331	75.1
30–39 years	4,357	3,594	82.5	3,328	76.4	3,158	72.5
40–49 years	3,469	2,794	80.5	2,582	74.4	2,467	71.1
50–59 years	2,620	2,058	78.5	1,853	70.7	1,802	68.8
60–69 years	3,346	2,608	77.9	2,309	69.0	2,242	67.0
70 years and over	5,029	3,988	79.3	2,993	59.5	² 3,127	62.2
Sex							
Male	18,037	15,228	84.4	13,799	76.5	12,623	70.0
Female	19,452	16,659	85.6	15,058	77.4	13,749	70.7
Race/ethnic group							
Non-Hispanic white	14,495	11,868	81.9	10,167	70.1	9,521	65.7
Non-Hispanic black	10,721	9,300	86.7	8,694	81.1	7,749	72.3
Mexican American	10,723	9,382	87.5	8,741	81.5	7,945	74.1
Others	1,549	1,336	86.3	1,255	81.0	1,157	74.7

¹MEC is mobile examination center.

²A home visit that included phlebotomy for blood tests for people not able to travel to the MEC can explain why the number of persons with blood tests exceeds the number who were examined in the MEC.

Mean corpuscular hemoglobin concentration (MCHC) g/L—The average concentration of hemoglobin (weight/volume) in the RBCs of the blood sample.

Red cell distribution width (RDW) %—The coefficient of variation, expressed as a percentage, of the red cell size distribution. RDW may be used as an indicator of possible iron deficiency anemia.

White blood cell count (leukocyte count; WBC) $\times 10^9/L$ —The number of WBCs in a given volume of blood. These are nucleated cells that do not contain hemoglobin. WBCs vary in morphology, function, and chemistry.

Lymphocyte percentage (LYMPH percentage) %—The percentage of lymphocytes in the total WBC count.

Mononuclear cell percentage (MONO percentage) %—The percentage of mononuclear cells in the total WBC count.

Granulocyte percentage (GRAN percentage) %—The percentage of granulocytes in the total WBC count.

Eosinophil percentage (EOSIN percentage) %—The percentage of eosinophils in the total WBC count.

Basophil percentage (BASO percentage) %—The percentage of basophils in the total WBC count.

Lymphocyte number (LYMPH #) $\times 10^9$ cells/L—The number of lymphocytes in a given volume of blood.

Mononuclear number (MONO #) $\times 10^9$ cells/L—The number of mononuclear cells in a given volume of blood.

Granulocyte number (GRAN #) $\times 10^9$ cells/L—The number of granulocytes in a given volume of blood.

Eosinophil number (EOSIN #) $\times 10^9$ cells/L—The number of eosinophilic granulocytes in a given volume of blood.

Basophil number (BASO #) $\times 10^9$ cells/L—The number of basophilic granulocytes in a given volume of blood.

Platelet count (PLT) $\times 10^9$ cells/L—The number of platelets in a given volume of blood.

Platelet distribution width (PDW) % —The coefficient of variation,

Table B. Hematologic reference ranges

Parameter	Range
WBC ($\times 10^9/L$)	3.0–11.7
RBC ($\times 10^{12}/L$)	3.7–5.8
Hb (g/L)	109–173
Hct (L/L)	0.325–0.495
MCV ($10^{-15}L$)	73.0–101.0
MCH ($10^{-12}g$)	25.0–34.3
MCHC (g/L)	312–370
RDW (%)	11.8–14.8
PLT ($\times 10^9/L$)	200–400
MPV ($10^{-15}L$)	6.5–12.5
LYMPH (%)	20.5–51.0
MONO (%)	1.5–9.5
GRAN (%)	42.0–75.0

SOURCE: Fulwood R, Johnson CL, Bryner JD, et al. *Hematological and nutritional biochemistry reference data for persons 6 months–74 years of age: United States 1976–80*. National Center for Health Statistics. *Vital Health Stat* 11(232). 1982.

expressed as a percentage, of the platelet size distribution.

Mean platelet volume (MPV) fL (femtoliter; $10^{-15}L$)—The average volume of individual platelets of the blood sample.

Normal values from NHANES II for most of the parameters are summarized in [table B](#) (9).

In 1972 the International Council (previously Committee) for Standardization in Haematology, the International Federation of Clinical Chemistry, and the World Association of Societies of Pathology recommended that the international system of units (SI) be used in reporting laboratory results and that, for concentration measurements, the liter (L) should preferentially be used as the unit of volume (10). Accordingly, this report expresses concentration measurement of hematology analytes (RBCs, Plts, WBCs, Hb, MCV, MCH, MCHC, and MPV) in liters (L).

Laboratory Methods for Hematology

Complete Blood Count (CBC) Using the Coulter S+Jr

The Coulter Counter Model S+Jr with Coulter histogram 3-part differential is a quantitative, automated hematology analyzer used to determine 16 hematologic parameters. The Coulter method of cell counting and sizing is

based on the detection and measurement of changes in electrical resistance produced by a particle suspended in a conductive liquid traversing a small aperture. When cells are suspended in the conductive diluent, they function as discrete insulators. When a dilute suspension of cells is drawn through a small cylindrical aperture, the passage of each individual cell momentarily increases the resistance of the electrical path between two submerged electrodes, one located on each side of the aperture. An electrical pulse, suitable for counting and sizing, results from the passage of each cell through the aperture. More detailed descriptions of these methods have been published (11,12).

Calibration, calibration verification, and quality control—The Coulter S+Jr's used in the three MECs were calibrated using Coulter S-Cal at the beginning of every stand and whenever any component involved in the dilution characteristics or the primary measurements was replaced. Calibration verification using a different lot of S-Cal than the lot used for calibration was performed at the beginning of each daily session. The purpose of this verification was to monitor the accuracy of the instruments used and to correct for the variations in results produced by the three instruments at three different locations over the 6-year period. S-Cal was cycled through the instruments 10 times, and the results were reported by telephone to Coulter Electronics headquarters. Coulter compared the results with results obtained with its instruments and, if the results were within specified limits, a go-ahead signal was given. Instrument start-up procedures were then continued with analysis of Coulter 4 C-Plus control materials. When calibration verification was performed on weekends, the results were saved and reported to Coulter the next weekday.

In addition, a manual Hct determination (microhematocrit method with centrifugation at 10,000 rpm for 5 minutes) was performed once during each MEC session, or twice daily, to verify the Hct results obtained with the Coulter S+Jr's.

Direct and Derived Values for Complete Blood Count

1. The directly measured parameters from the Coulter S+Jr's are WBC, RBC, and Hb.
2. The derived parameters with their formulas are as follows:
 - a. MCV—derived from the RBC histogram
 - b. PLT—derived from the platelet histogram
 - c. MPV—derived from the platelet histogram

All particles between 2 and 20 fL counted in the RBC channel are classified as platelets. A platelet size distribution histogram is obtained. Using a least-squares fit method, three lognormal curves are fitted. The counter then determines PLT, MPV, and PDW from the fitted curves.

- d. Lymph percentage—derived from the WBC histogram
- e. Mono percentage—derived from the WBC histogram
- f. Gran percentage—derived from the WBC histogram

Cells larger than 35 fL remaining in suspension after erythrocytes have been lysed are classified as WBC. Under the controlled conditions of lysis, three distinct populations of white cells can be demonstrated. The smallest cells are the mature and variant lymphocytes. The midsize population is occupied by large mononuclear cells and includes monocytes, blast cells, promyelocytes, prolymphocytes, promonocytes, myelocytes, and plasma cells. The third subpopulation, granulocytes, consists of metamyelocytes, eosinophils, basophils, band neutrophils, and segmented neutrophils.

3. The computed parameters with their formulas are as follows:
 - a. Hematocrit— $\text{RBC} \times 10^{12}/\text{L} \times \text{MCV} \text{ (fL)}$
 - b. MCH— $\text{Hb} \text{ (g/L)}/\text{RBC} \times 10^{12}/\text{L}$

c. MCHC— $\text{Hb} \text{ (g/L)}/\text{Hct} \text{ (L/L)}$

d. Lymph #— $(\text{Lymph \%}/100) \times \text{electronic WBC count}$

e. Mono #— $(\text{Mono \%}/100) \times \text{electronic WBC count}$

f. Gran #— $(\text{Gran \%}/100) \times \text{electronic WBC count}$

g. RDW—The size distribution of the RBC population expressed as the coefficient of variation

h. PDW—The size distribution of the PLT population expressed as the coefficient of variation

i. Eosinophils and basophils were measured from a blood smear taken from persons whose WBC was outside the 95 percent reference range (table A) and 10 percent of persons whose WBC was within the 95 percent reference range. The smear was stained, and the percentage of each cell type was determined by visual microscopy. The number of each cell type was also calculated ($\text{cell type \%}/100$) \times electronic total WBC from the Coulter Counter.

Definitions of Iron and Iron-Related Analytes

The iron and related analytes presented in this report are defined as follows:

Serum iron ($\mu\text{g/dL}$)—The amount of iron in a given amount of serum. Approximately two-thirds of total body iron is functional iron, mostly in the form of hemoglobin within the circulating erythrocytes. Other iron-containing enzymes and myoglobin make up about 15 percent of functional iron. The remaining iron is storage iron, that is, ferritin and hemosiderin (13). The measurement of serum iron is useful in detecting iron-deficient states. Low levels of serum iron are found not only in iron-deficiency anemia but also often in individuals who are suffering from infectious or chronic inflammatory diseases or from cancer (14).

Serum total iron-binding capacity (TIBC) ($\mu\text{g/dL}$)—The measure of the maximum amount of iron that a given serum sample can contain. Serum TIBC

permits some distinction to be made between iron deficiency (in which values are usually elevated) and infectious, chronic inflammatory diseases and neoplastic disease (in which values are often depressed).

Normal Ranges for Serum Iron and TIBC

Iron values for adult males (over 20 years old) are generally higher than those for adult females, and children have lower values than adults. Low iron values in conjunction with elevated TIBC (yielding less than 15 percent saturation) are generally indicative of iron deficiency anemia.

Normal ranges (5th–95th percentiles) for the U.S. population based on NHANES II data (9) are as follows:

Males 18 years old or over: 60–190 $\mu\text{g/dL}$ iron, 300–455 $\mu\text{g/dL}$ TIBC

Females 18 years old or over: 40–175 $\mu\text{g/dL}$ iron, 285–510 $\mu\text{g/dL}$ TIBC

Children 3–7 years old: 32–175 $\mu\text{g/dL}$ iron, 305–490 $\mu\text{g/dL}$ TIBC

Transferrin saturation (%)—An estimation of the degree of saturation of the iron transport protein. It reflects the adequacy of iron transport to the tissue (12). This determination is more useful in the detection of iron deficiency than serum iron or TIBC alone. In iron deficiency anemia, the percentage of transferrin saturation is usually low; in infections, which often show a low serum iron value, the percentage of transferrin saturation value is more likely to be only moderately depressed. Very elevated transferrin saturation (greater than 50 percent for females and greater than 60 percent for males) is a good screening indicator for hemochromatosis, that is, iron overload (12).

Ferritin (ng/mL)—A major iron storage protein, like hemoglobin. Isoferritin moieties have been identified for liver and spleen (L isoferritin) and for heart and kidney (H isoferritin). Serum ferritin levels increase as a result of iron overload, aging, infection, inflammation, liver disease, juvenile rheumatoid arthritis, leukemia, and

Hodgkin's disease; and they decrease as a result of iron deficiency (15).

Erythrocyte protoporphyrin (EP) ($\mu\text{g/dL RBC}$)—Protoporphyrin IX (PPIX) combines with iron to form heme, a constituent of hemoglobin in the blood. Protoporphyrin consists of four substituted methyl pyrole rings linked by methene bridges. In cases of iron deficiency, where inadequate iron is available to form heme, zinc is preferentially substituted to form zinc protoporphyrin (ZP), a highly fluorescent compound. In lead poisoning, the insertion of iron is also blocked, and ZP is formed. Erythrocyte protoporphyrin is also elevated in erythropoietic protoporphyria, a rare hereditary metabolic disease.

Normal Ranges for EP

Based on NHANES II data, females tend to have higher average EP values than males, and children tend to have higher average values than adults (13).

Children under 6 years old: 36–97 $\mu\text{g/dL RBC}$

Children 6–14 years old: 37–83 $\mu\text{g/dL RBC}$

Males 15–74 years old: 33–81 $\mu\text{g/dL RBC}$

Females 15–74 years old: 37–93 $\mu\text{g/dL RBC}$

Laboratory Methods for Iron and Iron-Related Analytes

Serum Iron and TIBC

Serum iron and TIBC are measured by a modification of the automated Technicon AAII-25[®] method, which is based on the procedures of Giovanniello et al., and Ramsey (8,16,17).

The method has been modified further to be performed on an Alpkem[®] RFA (rapid-flow analysis) system. Iron is quantitated by measuring the intensity of the violet complex formed in the reaction between Ferrozine[™] and Fe^{++} in an acetate buffer at 562 nm. Thiourea is added to complex Cu^{++} , which can also bind with Ferrozine[™] and yield falsely elevated iron values. Dialysis is used to remove protein interference. In TIBC determinations, serum is mixed with 400 $\mu\text{g/dL}$ iron solution to saturate

the iron-binding sites of the serum transferrin molecules. Magnesium carbonate is used to remove excess iron. The magnesium carbonate is precipitated by centrifugation, and the supernatant is measured for iron content.

CDC modifications to the Technicon AAII-25[®] method—The reagent concentrations used and their ratios are based on procedures developed at CDC. In a modification developed in conjunction with Alpkem, Type H rather than type C membranes are used in order to provide maximum efficiency of dialysis. Ferrozine[™] as well as thiourea is incorporated into the acetate buffer (8).

Transferrin Saturation

The transferrin saturation values were calculated using the examinee's serum iron and TIBC values as follows:

$$\text{Transferrin saturation (\%)} = \frac{\text{Serum Iron } (\mu\text{g/dL})}{\text{TIBC } (\mu\text{g/dL})} \cdot 100$$

Ferritin

Ferritin is measured using the Bio-Rad Laboratories' "Quantimune[®] Ferritin IRMA" kit, which is a single-incubation 2-site immunoradiometric assay (IRMA) based on the general principles of assays as described by Addison et al., and Miles and modified by Jeong et al. (8,18–20). In this IRMA, which measures the most basic isoferritin, the highly purified ¹²⁵I-labeled antibody to ferritin is the tracer, and the ferritin antibodies are immobilized on polyacrylamide beads as the solid phase. Serum or ferritin standards (made from human liver) are mixed with the combined tracer/solid-phase antibody reagent, and the mixture is incubated. During incubation, both the immobilized and the ¹²⁵I-labeled antibodies bind to the ferritin antigen in the serum or standards, thus creating a sandwich. After incubation, the beads are diluted with saline, centrifuged, and decanted. The level of ¹²⁵I-labeled ferritin found in the pellets is measured with a gamma counter. There is a direct relationship between the radioactive levels of the pellets and the amount of endogenous ferritin in the serum or

standards, rather than the inverse relationship measured by most radioimmunoassays.

Erythrocyte Protoporphyrin (EP)

Erythrocyte protoporphyrin is measured by a modification of the method of Sassa et al. (8,21). Protoporphyrin is extracted from EDTA-whole blood into a 2:1 (v/v) mixture of ethyl acetate-acetic acid, then back-extracted into dilute hydrochloric acid. The protoporphyrin in the aqueous phase is measured fluorometrically at excitation and at emission wavelengths of 404 and 655 nm, respectively. Calculations are based on a processed protoporphyrin IX (free acid) standard curve. Using the hematocrit value of the specimen, the final concentration of protoporphyrin in a specimen is expressed as microgram per deciliter of packed RBCs ($\mu\text{g/dL RBC}$).

CDC modifications—The following modifications of the original methods are based on CDC optimization experiments (8):

- Sample size was increased from 2 μL to 10 μL .
- Ethyl acetate-acetic acid and 0.43 mol/L HCl volumes were increased from 0.3 mL to 1.0 mL.
- Processed protoporphyrin IX standards were prepared daily.
- Hydrolysis time for the dimethyl ester was decreased from 48 hours to 3 hours, on the basis of the work of Culbreth et al. (22).
- For maximum fluorescent intensity of the extracted protoporphyrin IX, 0.43 mol/L HCl was chosen.

Statistical Methods

This report presents population means, standard errors of the means, percentage distribution, and percentiles for the analytes described. Data for the tables are weighted to account for survey design and nonresponse. Sample weights must be used to produce accurate population estimates because each sample person does not have the same probability of selection. The sample weights incorporate the

differential probabilities of selection and include adjustments for oversampling of certain populations, noncoverage, and nonresponse. Sample weights for the 6-year sample are used to produce estimates for all the analytes.

Standard errors of the means were estimated using SAS for calculating variance estimates and incorporating SUDAAN, a program that takes into account the sampling weights and the complex sample design (23,24). Reliability of an estimated mean or percentage also depends on the coefficient of variation or relative standard error (RSE), defined as the ratio of the standard error of the estimate to the estimate times 100. When the RSE of the estimate is large, the estimate is less reliable. In this report, estimates with an RSE greater than 30 percent are deemed unreliable and are excluded from the tables. The use of these criteria follow recommendations described in “The Joint Policy on Variance Estimation and Statistical Reporting Standards on NHANES III and CSFII Reports: HNIS/NCHS Analytic Working Group Recommendations” in the *NHANES III Analytic Guidelines* (7). Other analyses in this report describe data contained in the report tables and did not employ statistical methods for comparison.

Results

NHANES III hematological and biochemical measures represent the most recent cross-sectional data from which estimates can be generalized to the U.S. population. These cross-sectional data were obtained from different age groups. The data used to conduct the analysis in this report can be found in *National Health and Examination Survey, III 1988–94, CD-ROM Series 11 No. 1* (25).

Tables 1–9 present means, standard errors of the means, age-adjusted means, and selected percentiles for hemoglobin, hematocrit, and RBC count, by sex, race/ethnicity, and age categories. Tables 10–21 present estimates of RBC volume, mean cell (RBC) hb, mean cell (RBC) hb concentration, and RBC

distribution width, by sex, race/ethnicity, and age categories. Tables 22–30 present estimates of platelet numbers and size, by sex, race/ethnicity, and age. Tables 31–54 present total WBC counts as well as counts of granulocytes, lymphocytes, monocytes, eosinophils and basophils, by sex, race/ethnicity, and age categories. Tables 55–90 present percentage distributions of the above blood components, by sex, race/ethnicity, and age. Tables 91–105 present the concentrations of serum iron, serum TIBC, transferrin saturation, erythrocyte protoporphyrin, and serum ferritin. Tables 106–120 show the percentage distribution of the above. The percentage distribution tables can be used to calculate the percentage of the population that is below or above a selected concentration.

In figures 1–16, the median values (50th percentile values) for each of the age, sex, and race/ethnicity groups are graphically depicted for the hematological and biochemical analytes.

Comparison of NHANES III with NHANES II

Race/Ethnic and Age Comparisons

Because of the different age intervals in the published data from NHANES II and NHANES III, data using the tables included with this report, direct comparisons can be made only for the total population and for male or female children of all race/ethnic groups age 1–2, 3–5, 6–8, 9–11, and 12–14 years (9). Table C compares data from NHANES III and previously published data from NHANES II for selected hematologic elements (Hb, Hct, RBCs, and WBCs) in children age 1–14 years of all race/ethnic groups.

The race and ethnicity categories are not comparable in the two surveys. In NHANES III, the race/ethnicity categories include non-Hispanic white, non-Hispanic black, Mexican American, and remaining races. Hispanic individuals who were not Mexican Americans are listed with the remaining group (7). In NHANES II, the groups

were white, black, and other. Persons of Mexican descent were included in the white category unless they were known to be American Indian or of another race, in which case they were listed as other. Black persons and persons of mixed black and other parentage were recorded as black (14).

Laboratory Comparisons

When comparing data from NHANES III tables in this report with data from NHANES II, it should be noted that in NHANES II hematocrit was determined using centrifugation (microhematocrit method) and the results expressed as a percentage. In NHANES III hematocrit was determined using the hematology analyzer and expressed as a fraction (liter/liter). The reporting units for hemoglobin and mean cell hemoglobin concentrations were expressed as g/dL in NHANES II and as g/L in NHANES III.

In NHANES I (1971–75), NHANES II (1976–80), and Hispanic HANES (1982–84), RBCs and WBCs were counted using a semiautomated cell counter (Coulter model FN). Hb determinations were made using a Coulter hemoglobinometer, and packed cell volume (PCV) was determined using the microhematocrit centrifuge method. The hematologic indices MCH, MCHC, and MCV were calculated as follows:

$$\begin{aligned} \text{MCH} &= \text{Hb/RBC} \\ \text{MCHC} &= \text{Hb/PCV} \\ \text{MCV} &= \text{PCV/RBC} \end{aligned}$$

In NHANES III, these hematologic parameters were determined using a fully automated Coulter S+Jr hematology analyzer. These analyzers measured the mean (red) cell volume (MCV) directly, utilizing a process of continuous integration of pulse heights divided by the pulse number; PCV values were calculated through the multiplication of MCV and RBC. Therefore, individual values for MCV, PCV (hematocrit), and MCHC from NHANES III cannot be compared directly with values from the previous NHANES (8).

Table C. Hemoglobin, hematocrit, red blood cells, and white blood cells in children 1–14 years of age, by age group and sex: Comparison of the Third National Health and Nutrition Examination Survey (1988–91) with the Second National Health and Nutrition Examination Survey (1971–74)

Characteristic	Male ¹								Female ¹							
	NHANES III				NHANES II				NHANES III				NHANES II			
	Number	Mean	SD ²	SE ³	Number	Mean	SD ²	SE ³	Number	Mean	SD ²	SE ³	Number	Mean	SD ²	SE ³
Hemoglobin (g/L)																
1–2 years	931	120.1	8.2	0.4	518	120	10.1	0.7	858	118.3	8.5	0.6	461	120	9.5	0.5
3–5 years	1,281	123.5	7.7	0.4	1,019	123	8.4	0.4	1,337	120.7	7.8	0.4	919	123	8.6	0.5
6–8 years	709	128.8	8.0	0.5	382	127	9.0	0.7	675	123.7	7.7	0.6	369	127	8.8	0.6
9–11 years	773	132.8	8.4	0.5	432	131	8.6	0.5	734	126.5	7.8	0.6	402	131	8.5	0.6
12–14 years	540	141.4	10.8	0.8	485	138	10.5	0.5	621	125.4	8.9	0.7	463	132	9.1	0.6
Hematocrit (L/L)																
1–2 years	931	0.36	0.02	0.001	518	0.36	0.26	0.02	858	0.36	0.02	0.00	461	0.35	0.03	0.00
3–5 years	1,281	0.37	0.02	0.001	1,019	0.36	0.23	0.02	1,337	0.37	0.02	0.00	919	0.36	0.02	0.02
6–8 years	709	0.38	0.02	0.001	382	0.37	0.24	0.02	675	0.38	0.02	0.00	369	0.37	0.02	0.01
9–11 years	773	0.39	0.02	0.001	432	0.38	0.24	0.02	734	0.39	0.02	0.00	402	0.38	0.02	0.02
12–14 years	540	0.42	0.03	0.002	485	0.40	0.29	0.01	621	0.40	0.03	0.00	463	0.39	0.02	0.02
Red blood cells (10¹² cells per liter)																
1–2 years	931	4.55	0.34	0.020	516	4.60	0.42	0.03	858	4.50	0.34	0.021	455	4.40	0.35	0.02
3–5 years	1,281	4.51	0.34	0.017	1,007	4.40	0.32	0.02	1,337	4.49	0.32	0.016	915	4.40	0.35	0.02
6–8 years	709	4.60	0.29	0.019	379	4.50	0.34	0.03	675	4.56	0.31	0.022	367	4.50	0.33	0.02
9–11 years	773	4.71	0.32	0.020	427	4.60	0.35	0.02	734	4.62	0.30	0.020	395	4.50	0.34	0.03
12–14 years	540	4.93	0.39	0.030	482	4.80	0.36	0.02	621	4.59	0.32	0.023	461	4.50	0.33	0.02
White blood cells (10⁹ cells per liter)																
1–2 years	931	8.74	2.53	0.13	516	8.90	2.94	0.15	858	8.66	2.41	0.13	457	9.10	2.88	0.16
3–5 years	1,281	7.68	2.26	0.10	1,006	7.60	2.24	0.09	1,337	7.90	2.12	0.09	916	7.90	2.28	0.10
6–8 years	709	7.45	2.02	0.12	378	7.50	1.95	0.14	675	7.63	2.10	0.13	367	7.60	2.35	0.13
9–11 years	773	7.01	2.07	0.11	427	7.00	1.80	0.10	734	7.20	1.98	0.12	397	7.10	1.74	0.11
12–14 years	540	7.02	2.07	0.14	480	6.90	1.81	0.10	621	7.30	2.06	0.13	461	7.10	2.05	0.09

¹Includes all race/ethnic groups.

²SD is standard deviation.

³SE is standard error.

NOTE: NHANES III is the Third National Health and Nutrition Examination Survey, and NHANES II is the Second National Health and Nutrition Examination Survey.

Description of Selected Findings

Hb (tables 1–3; figure 1) and Hct (tables 4–6; figure 2)

- The mean Hb concentration for all persons in the United States age 1 year and over was 139.1 g/L (13.9 g/dL) (table 1).
- The mean Hb for males (146.7 g/L) was higher than for females (131.9)
- The mean Hb of non-Hispanic white persons (140.5 g/L) and Mexican Americans (138.7 g/L) was higher than that of non-Hispanic black persons (131.4 g/L). The median Hb difference between the race/ethnic groups persisted across all age groups after stratifying by sex (figure 1).

- Median Hb concentration was approximately the same for both sexes in each race/ethnic group below 9 years of age.
- During puberty, mean Hb increased more rapidly in males than in females, reaching a high of 154.1 g/L in the 20–29-year age group. The mean Hb then decreased gradually with age to 143.6 g/L at age 70 years.
- After puberty, the mean Hb in females of all race/ethnic groups remained lower than 132.9 g/L found at age 14 years and remained about the same in older ages.
- The comparison values and changes with age in Hct were about the same as the changes seen in Hb.

- Median Hct, like Hb, was higher in males than in females after puberty. In both sexes, median Hct was higher in non-Hispanic white persons and Mexican Americans than in non-Hispanic black persons (figure 2).

The percentage distributions for Hb and Hct (tables 53–58) can be used to determine the percentage of the population with values that define anemia. The median and percentiles from 2.5th and 97.5th are available in each table so that reference intervals for each analyte can be identified for the population.

RBC Count (tables 7–9; figure 3)

- The median RBC counts for children ages 1–8 years of all

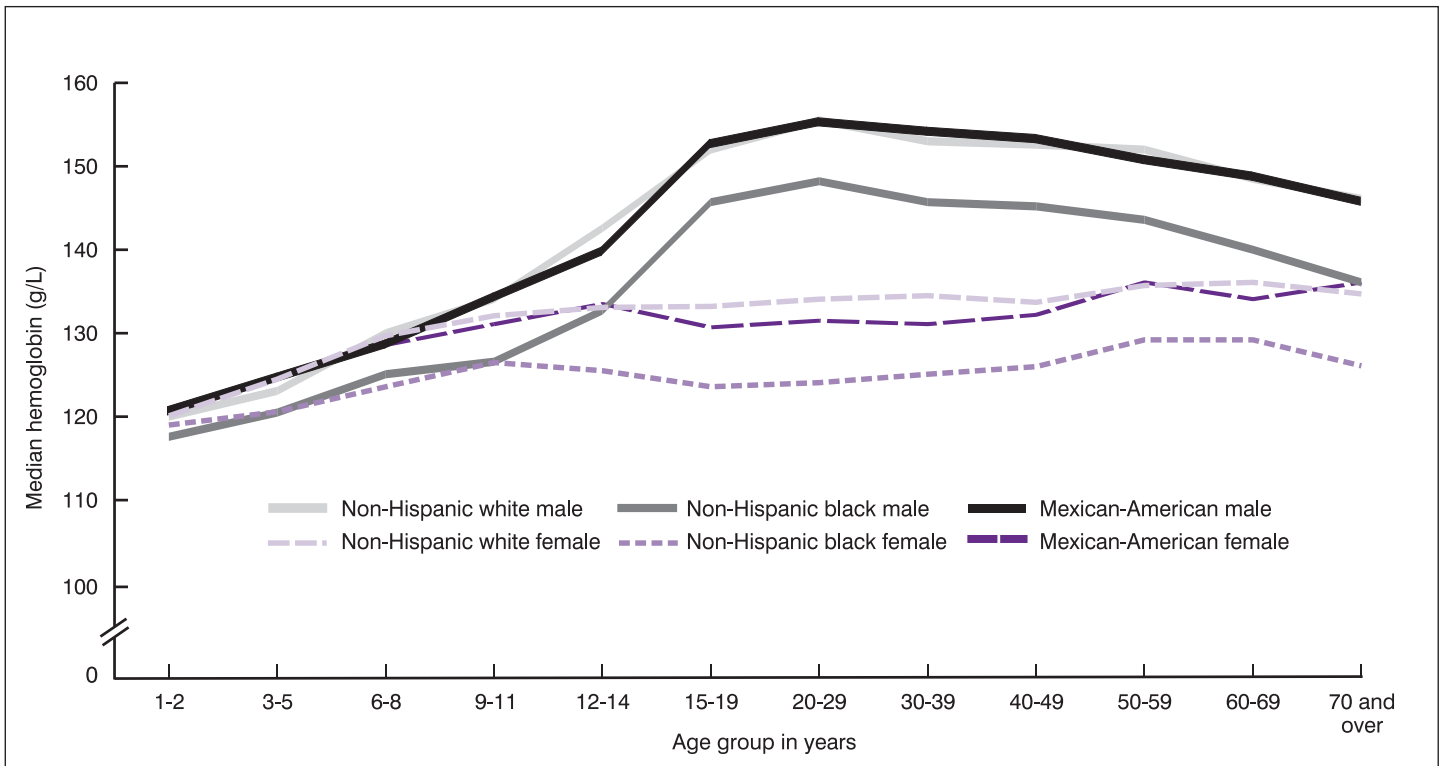


Figure 1. Hemoglobin by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

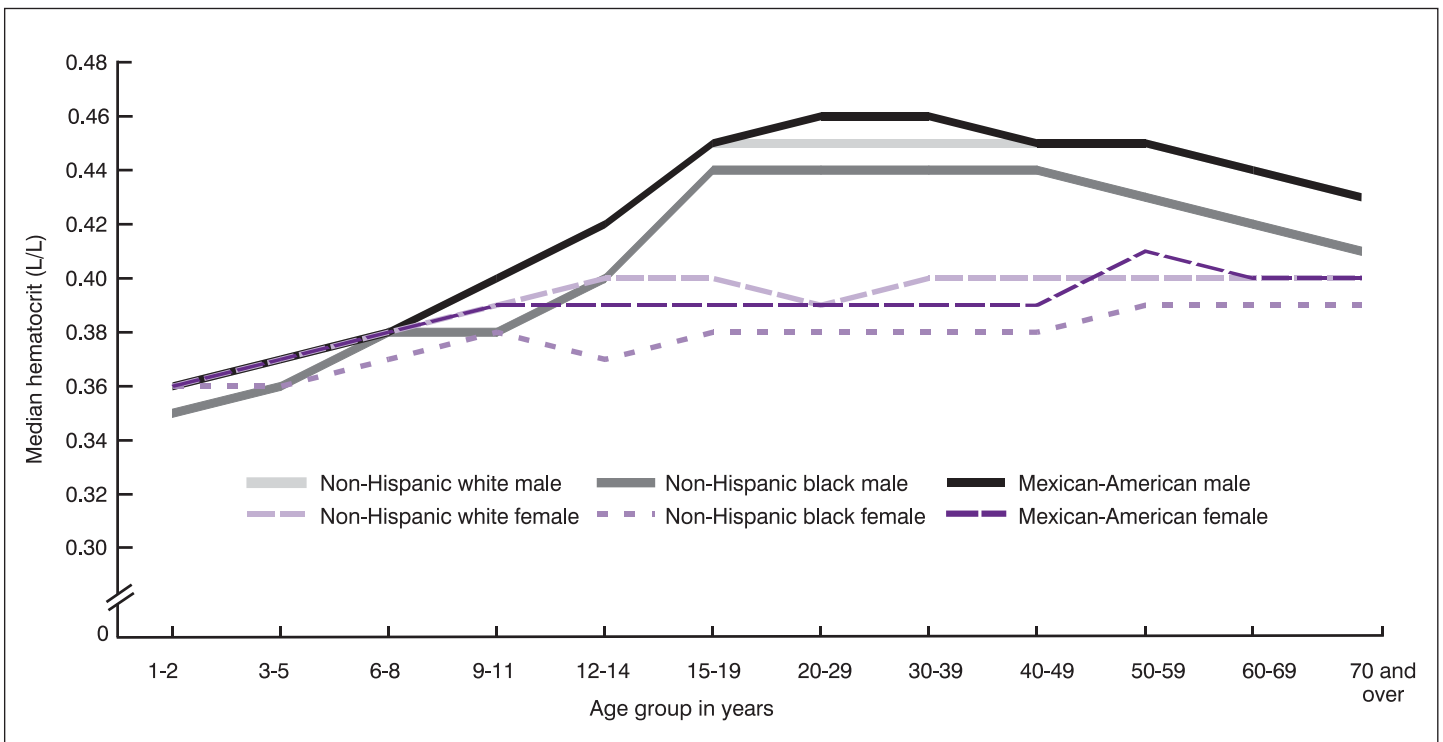


Figure 2. Hematocrit by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

- For age groups 12 years and over, males had higher RBC counts than females generally and within each of the race/ethnic groups.
- In females age 12 and over, the RBC count remained relatively unchanged (4.3 to $4.6 \times 10^{12}/L$).
- In males, the median RBC count increased to 5.0 to $5.2 \times 10^{12}/L$ for ages 15–29 years; then the RBC count decreased gradually in each age group to about $4.7 \times 10^{12}/L$ for males age 70 years and over.

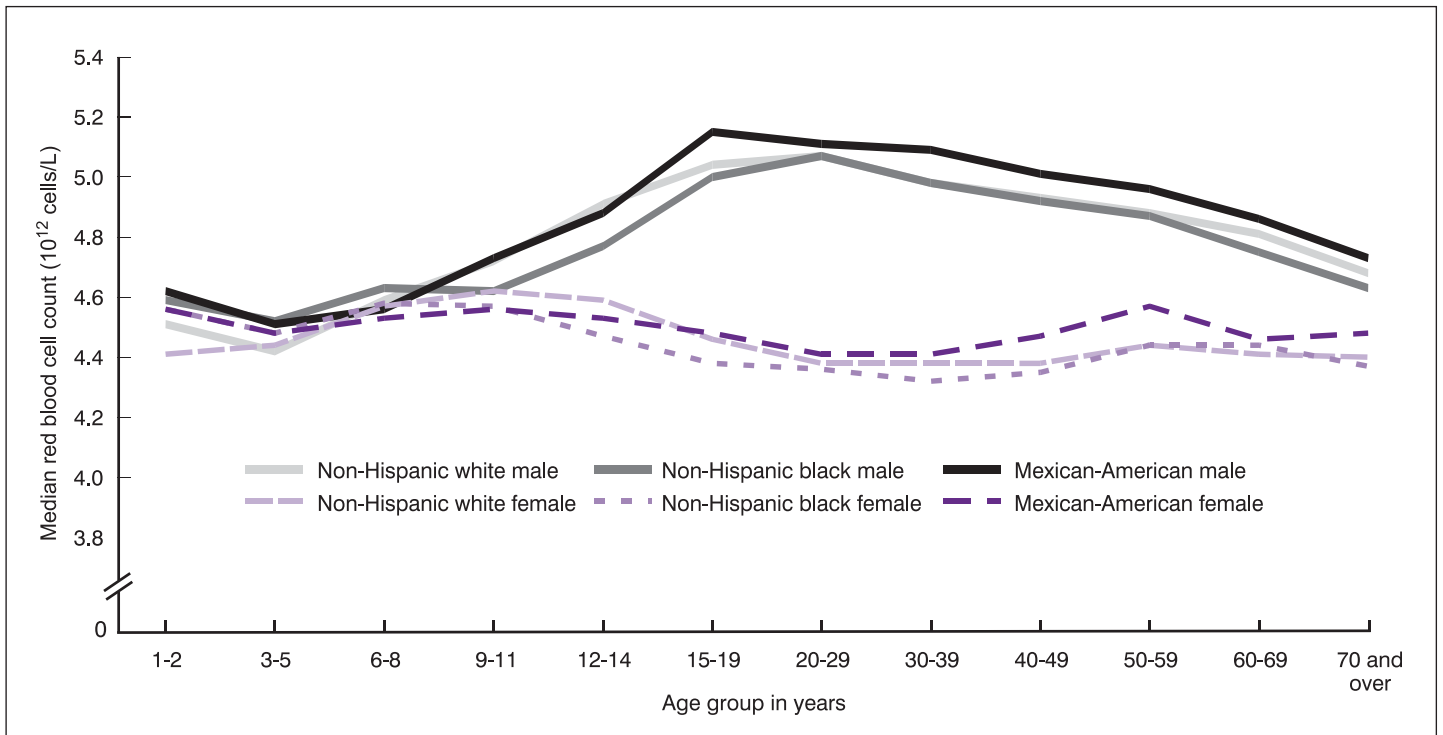


Figure 3. Red blood cell count by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

MCV, MCH, MCHC, and RDW (tables 10–21; figures 4–7)

- The median MCV increased with age, from about 80 fL at age 2 years

to about 90 fL at age 39 years, regardless of sex or race/ethnic group. The MCV in non-Hispanic black persons was about 1–2 fL lower than in non-Hispanic white persons and Mexican Americans in

each age group (figure 4).

- The median MCH increased with age from about 26–27 pg at age 2 years to 29–31 pg in adulthood. The MCH in non-Hispanic black persons was about 1 pg lower than in

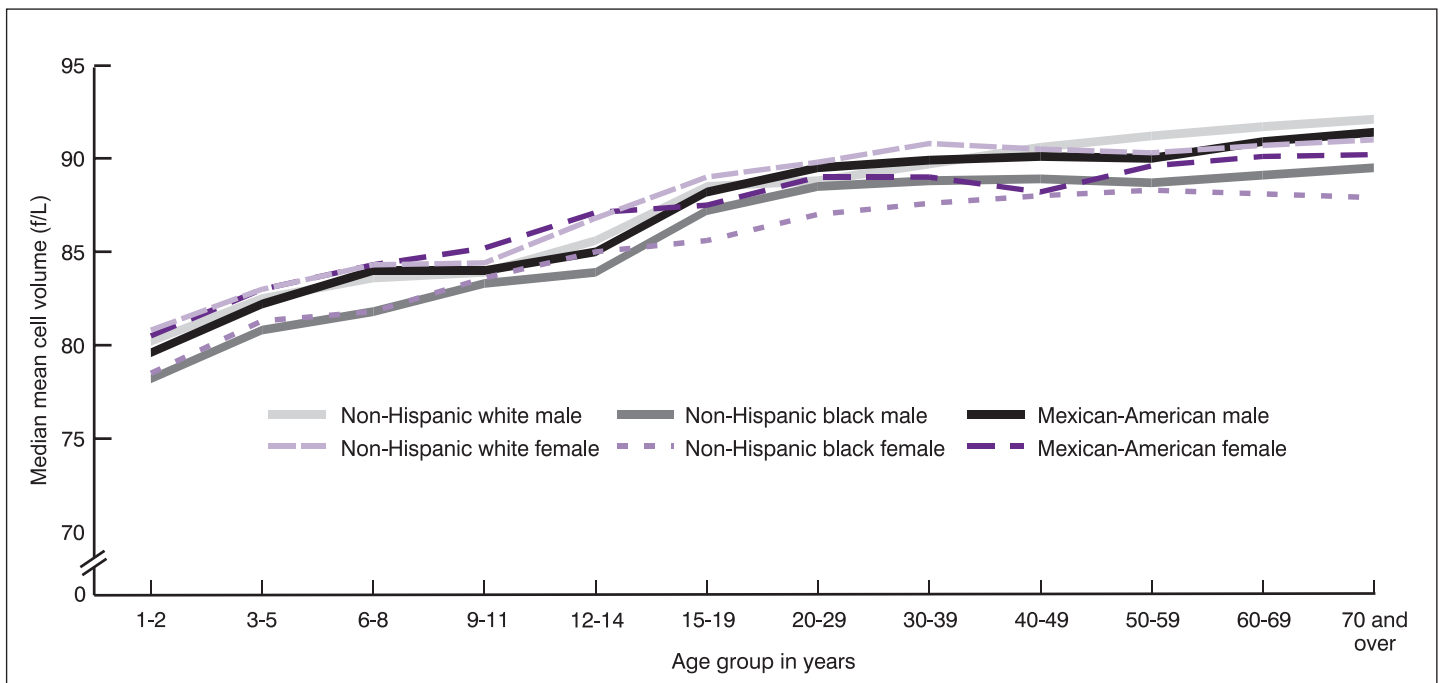


Figure 4. Mean cell volume by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

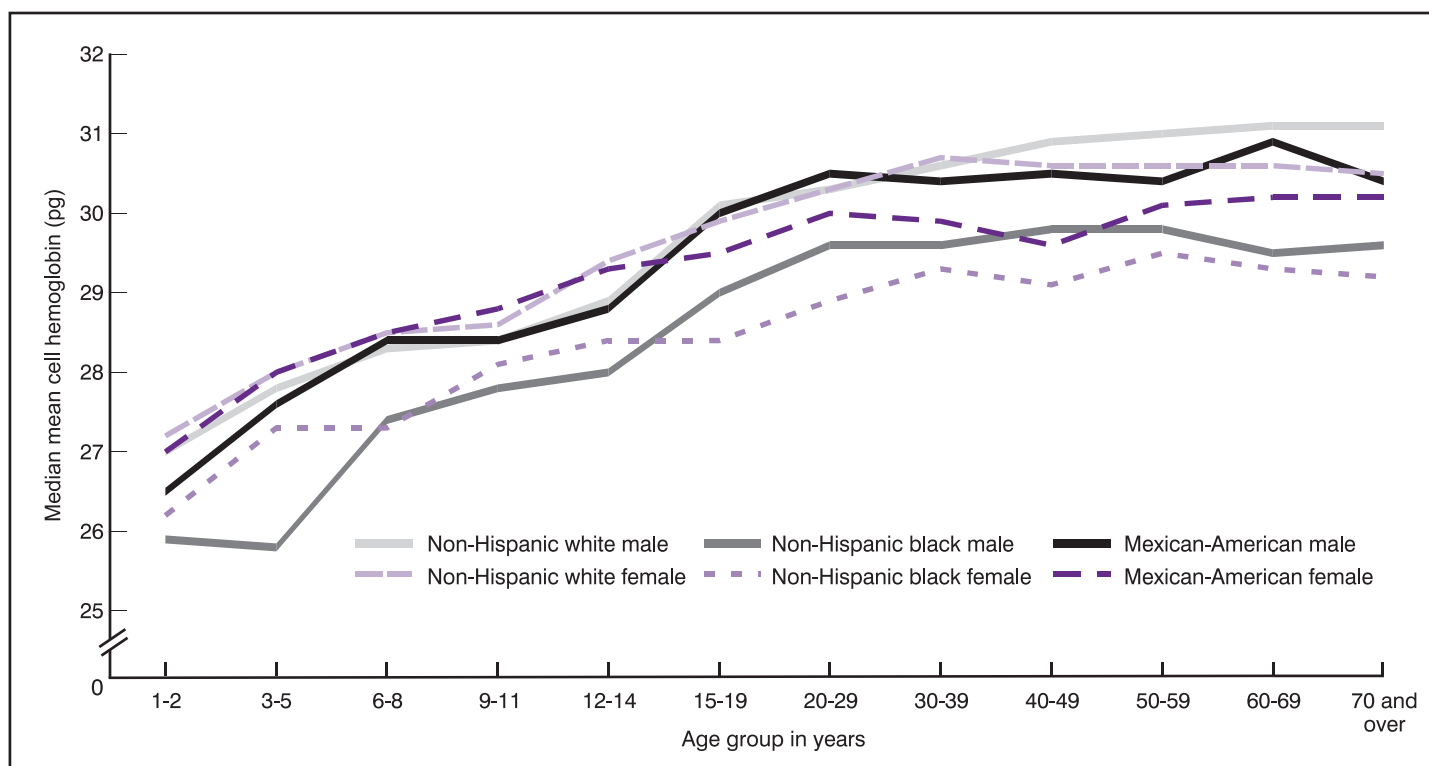


Figure 5. Mean cell hemoglobin by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

non-Hispanic white persons and Mexican Americans for each sex-age group. There was no apparent difference in MCH by sex (figure 5).

- The median MCHC varied by race/ethnic group, with non-Hispanic black persons having an MCHC about 3–5 g/L lower than non-Hispanic white persons and Mexican Americans for each age group (figure 6).
- The median RDW decreased slightly from age 1 to 11, then increased gradually with age by about 1 percent. There was no apparent sex difference, but the median RDW was greater among non-Hispanic black persons than among non-Hispanic white persons at all age groups, a difference that appears to increase with age (figure 7).

WBC Count and Differential Count and Percentage (tables 31–36; figure 8)

- The mean WBC count was higher among young children ($8.70 \times 10^9/L$) and decreased with age to age 11 years ($7.10 \times 10^9/L$) (table 31). After age 11 years, the

WBC remained at about $6.0\text{--}7.5 \times 10^9/L$ (figure 8).

- The WBC count tended to be higher in females than in males for all race/ethnic and age groups.
- In each age-sex group, the WBC count was higher in non-Hispanic white persons and Mexican Americans than in non-Hispanic black persons.
- Because of the decreased sample size selected for testing by differential smear, the age interval for groups was expanded for analysis (tables 34–36).

Platelet Count, Platelet Volume, and Platelet Distribution Width (tables 22–30; figures 9–11)

- Median platelet counts in children decreased from about $358 \times 10^9/L$ at ages 1–2 years to $273 \times 10^9/L$ at 15–19 years of age (table 22).
- In adult males of all race/ethnic groups, the median platelet count decreased to about $265 \times 10^9/L$ at age 30, then leveled off. There was little difference among males in the race/ethnic groups (figure 9).

- Platelet counts were lower in non-Hispanic white females than in black and Mexican-American females until age 50–59 years. Platelet counts in adult females were about $20\text{--}30 \times 10^9/L$ higher than in adult males.
- The mean platelet volume increased during childhood from a mean of 7.4 at age 1–2 years to 8.3 fL at age 15–17 years. This volume leveled off during adulthood (table 25). There was no apparent difference in platelet volume among age-sex or race/ethnic groups.

Serum Iron (tables 91–93; figure 12)

- Median serum iron increased from about 66 $\mu\text{g/dL}$ at age 2 years to about 84 $\mu\text{g/dL}$ at age 11–14, with no apparent differences by race/ethnic groups or sex.
- After age 14, median serum iron in males was about 10 $\mu\text{g/dL}$ higher than in females for each age-race/ethnic group.
- After age 14, median serum iron in non-Hispanic white persons and Mexican Americans, both males and

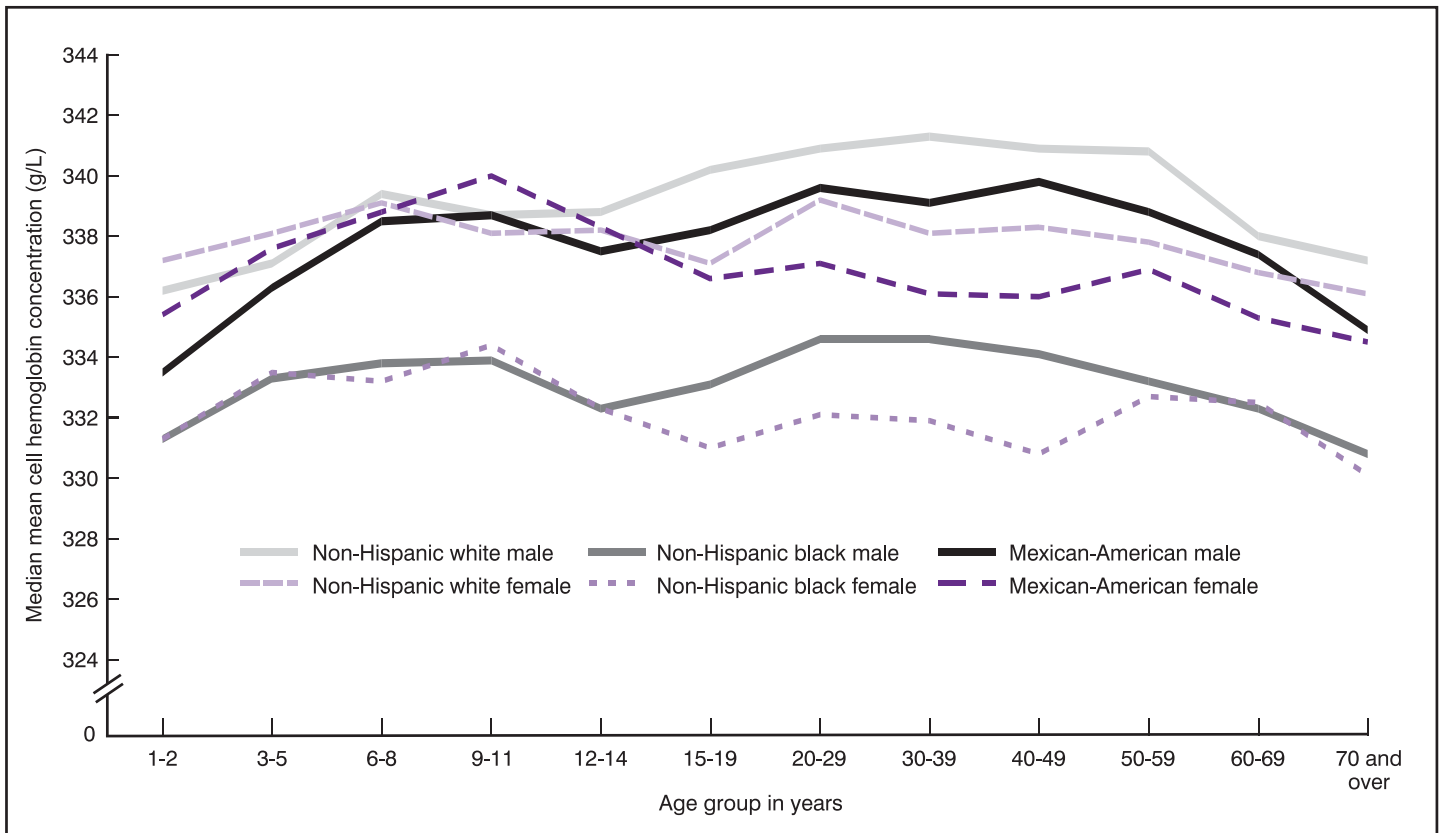


Figure 6. Mean cell hemoglobin concentration by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

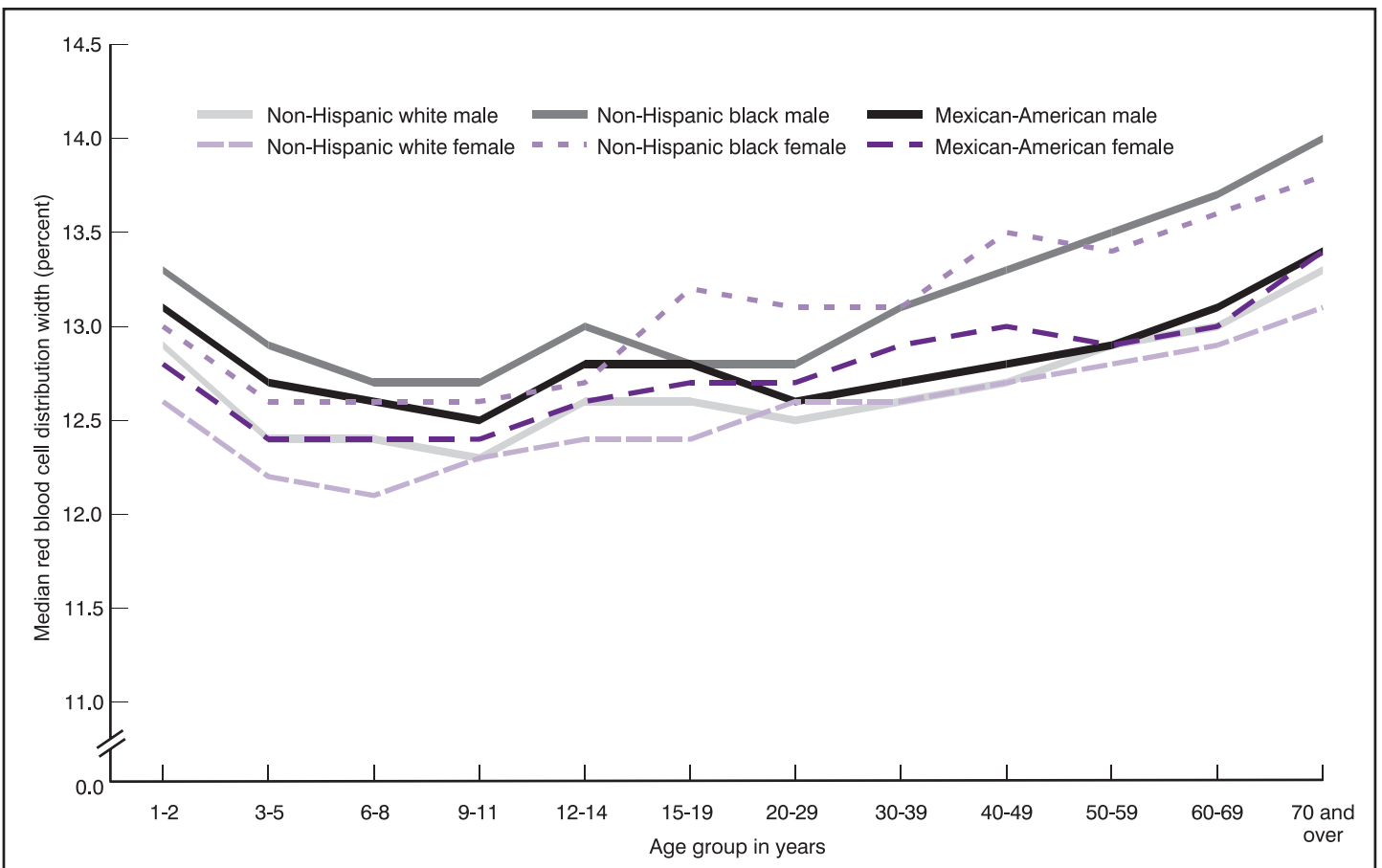


Figure 7. Red blood cell distribution width by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

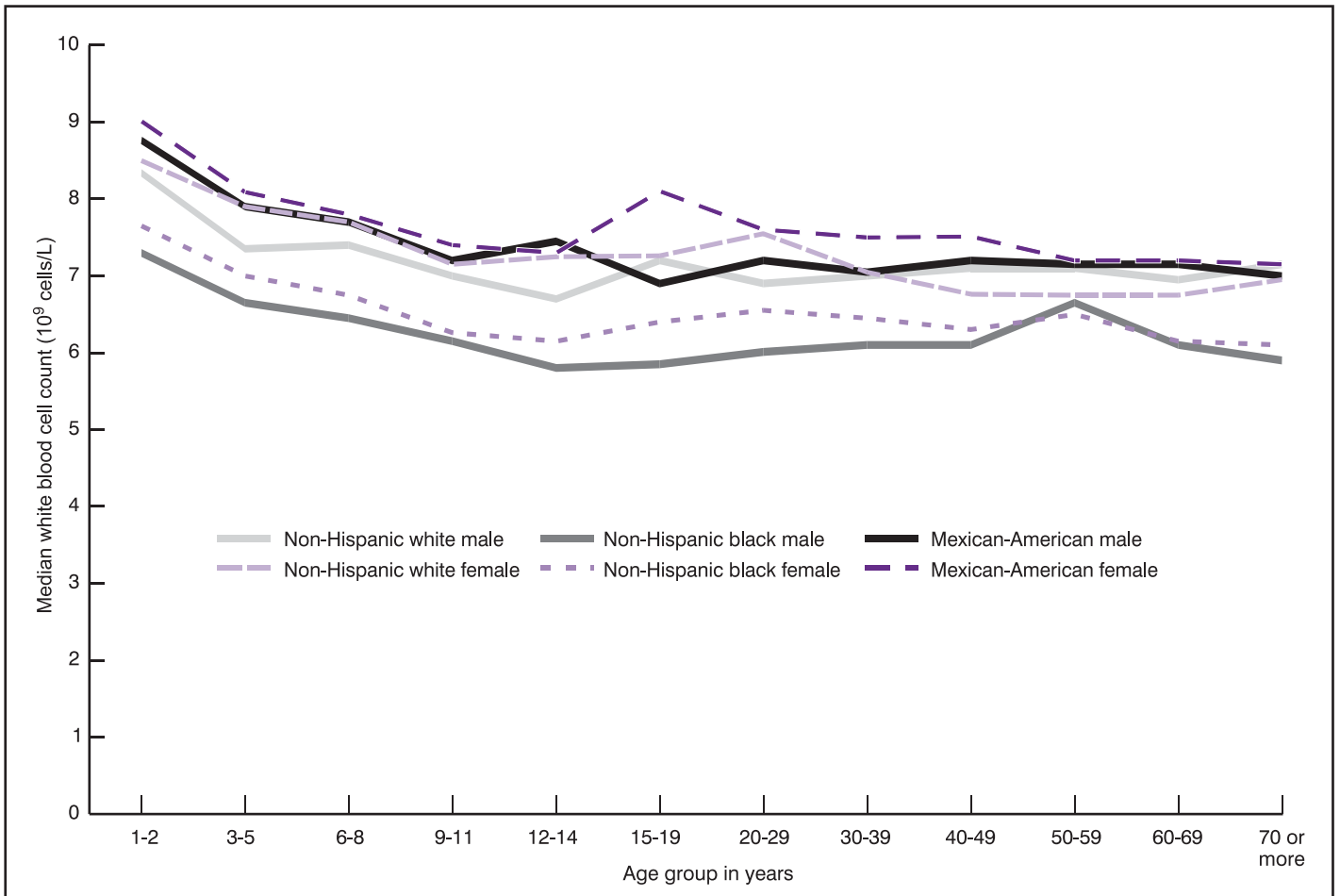


Figure 8. White blood cell count by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

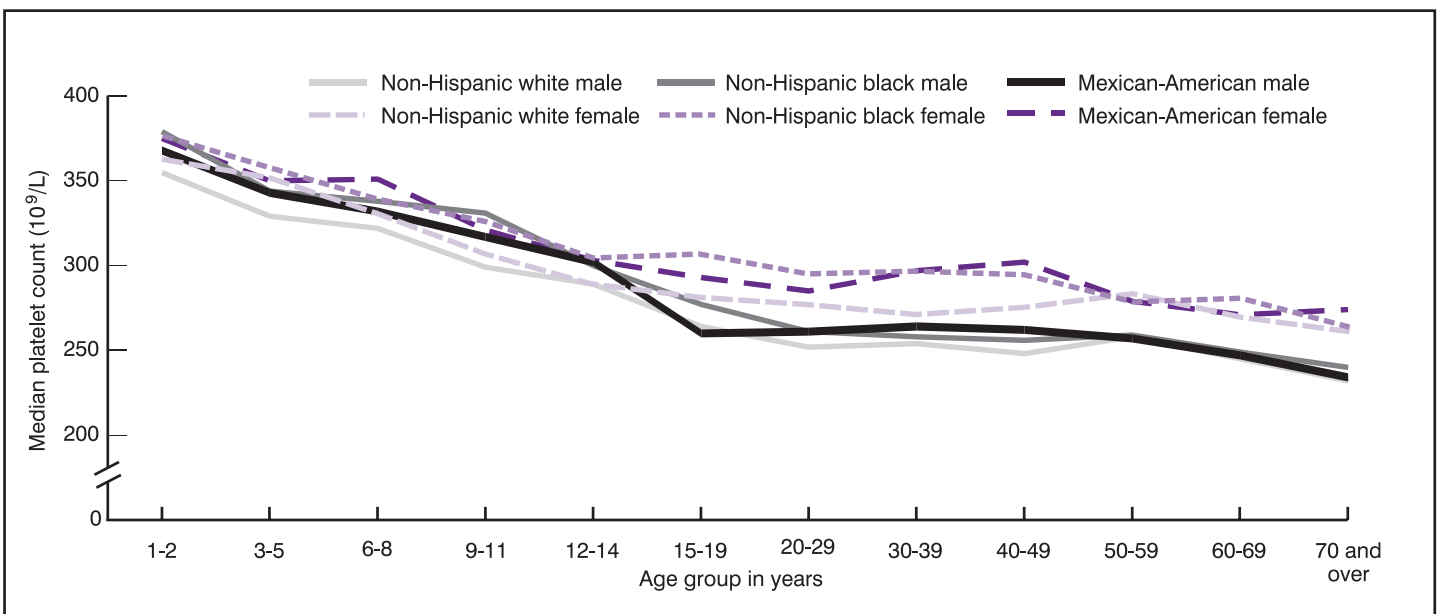


Figure 9. Platelet count by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

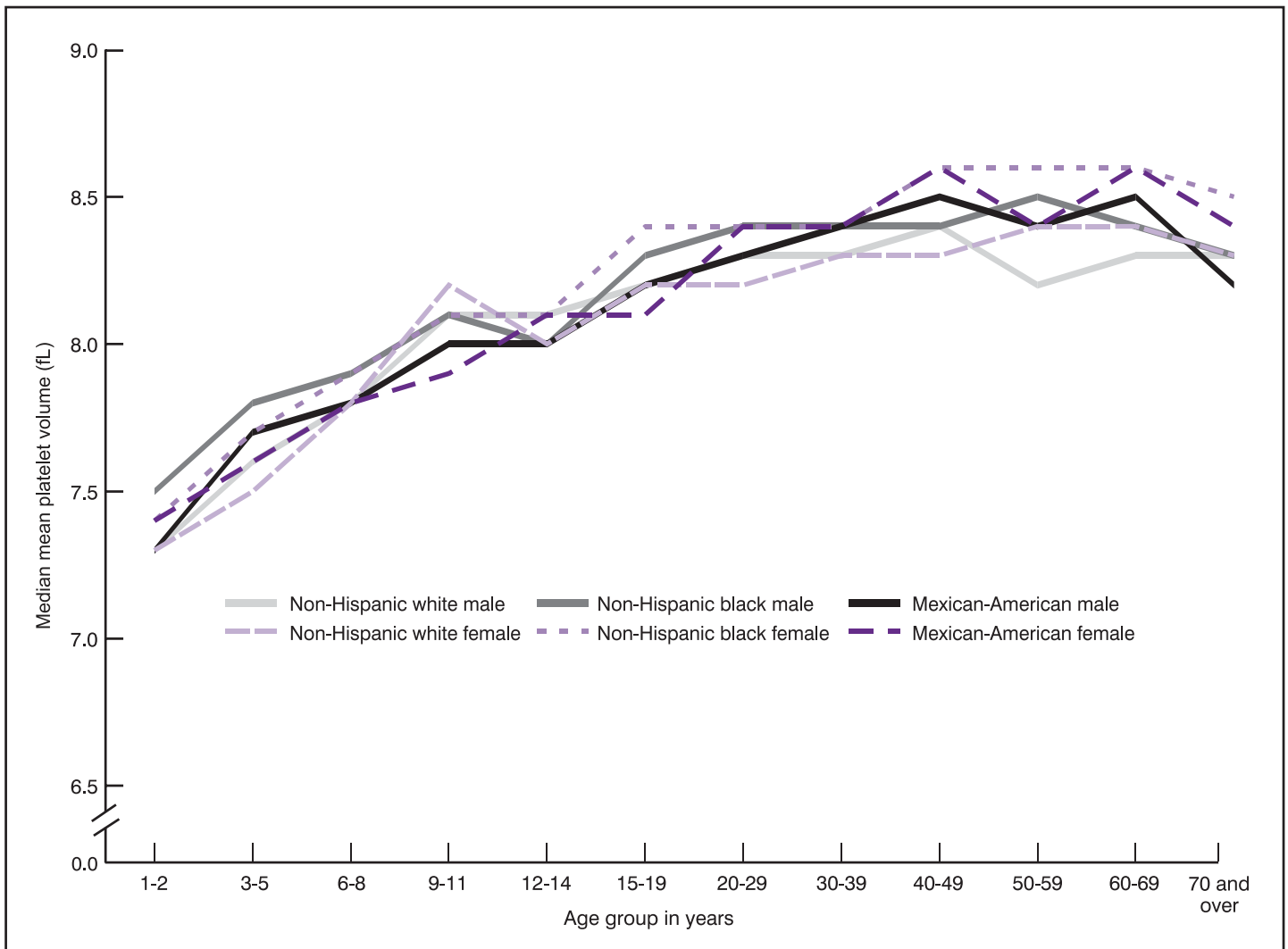


Figure 10. Mean platelet volume by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

females, was 10 to 20 $\mu\text{g/dL}$ higher than non-Hispanic black persons in each age group.

- The median serum iron in males and white females peaked at age 20–29 and then decreased.

Serum TIBC (tables 94–96; figure 13)

- During childhood, median TIBC decreased from 380.4 $\mu\text{g/dL}$ at age 1–2 years to 363.2 at age 3–5 years, and then increased to 390.1 $\mu\text{g/dL}$ at age 12–14 years.
- In males, median TIBC fell from age 14 years to age 29 years, then changed very little until age 59 years when it again decreased. In females, TIBC remained high until age 19 years, then decreased steadily until age 70 years and over.

- After age 15 years, median TIBC was higher in females than in males in each age and race/ethnic group. Mexican Americans had higher median TIBC than the non-Hispanic white and black groups.

Transferrin Saturation (tables 97–99; figure 14)

- The median percentage saturation increased from 2–5 years of age in males and females.
- From 5–14 years of age, the percentage saturation changed very little in males and females, with little difference among race/ethnic groups.
- From age 14 years, the percentage saturation increased more in males than in females.

- Until age 60 years, the percentage saturation in white females was higher than in black and Mexican-American females.

Erythrocyte Protoporphyrin (tables 100–102; figure 15)

- When comparing each race/ethnic-sex group, median erythrocyte protoporphyrin at age 2 years was about 8 $\mu\text{g/dL}$ of RBC higher than at age 5 years. In Mexican Americans, EP was about 10 $\mu\text{g/dL}$ of RBC higher than in non-Hispanic white persons and non-Hispanic black persons.
- Until age 14 years, the values changed little from those at age 3–5 years. From age 14 until age 70 years and over, the race/ethnic

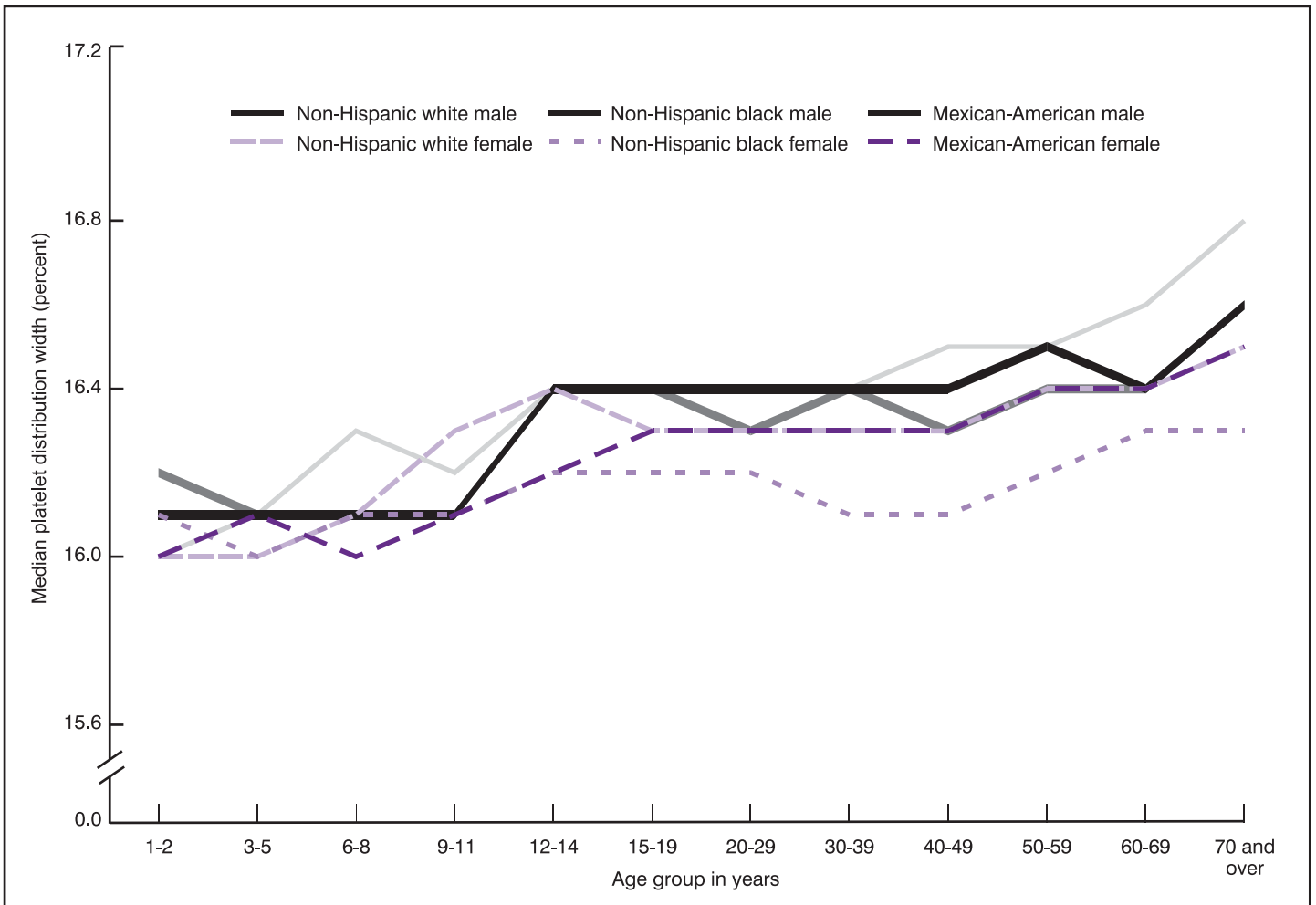


Figure 11. Platelet distribution width by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

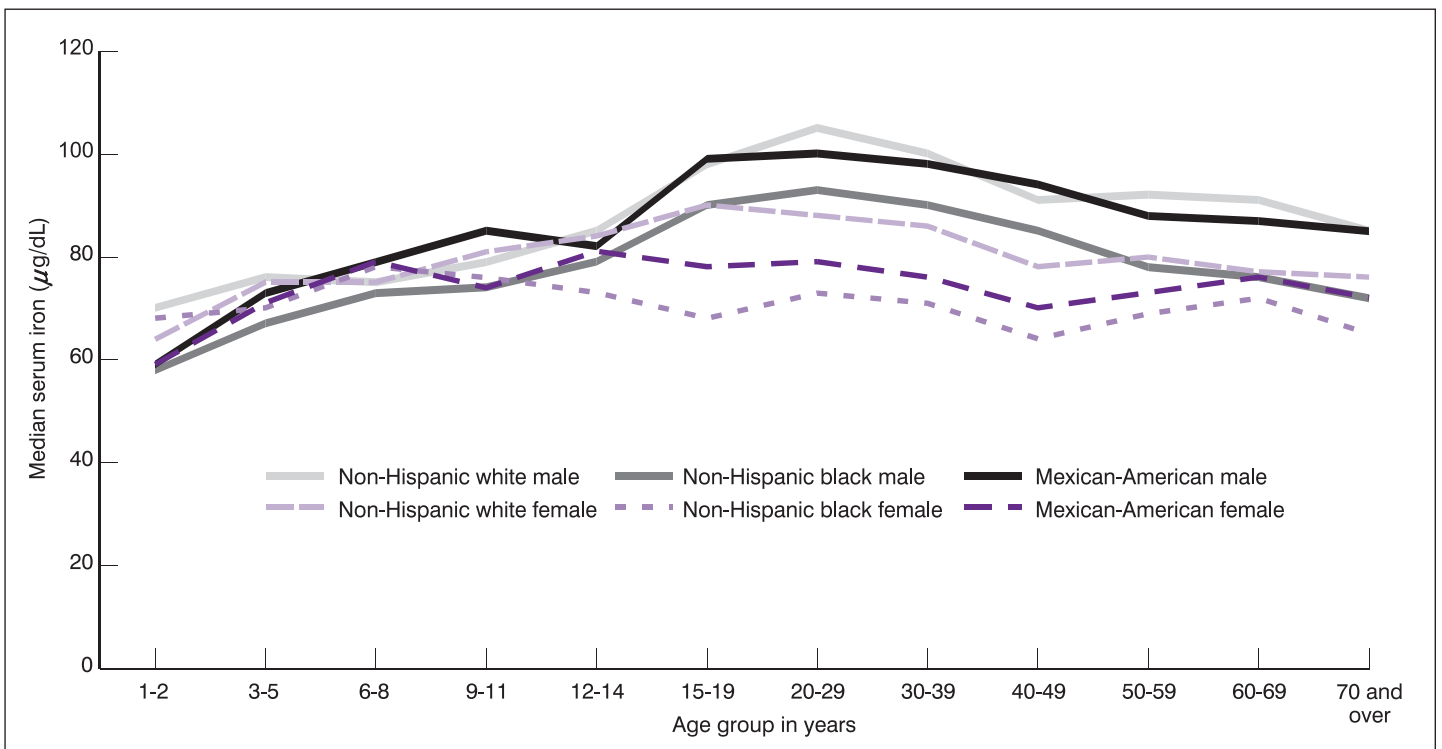


Figure 12. Serum iron by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

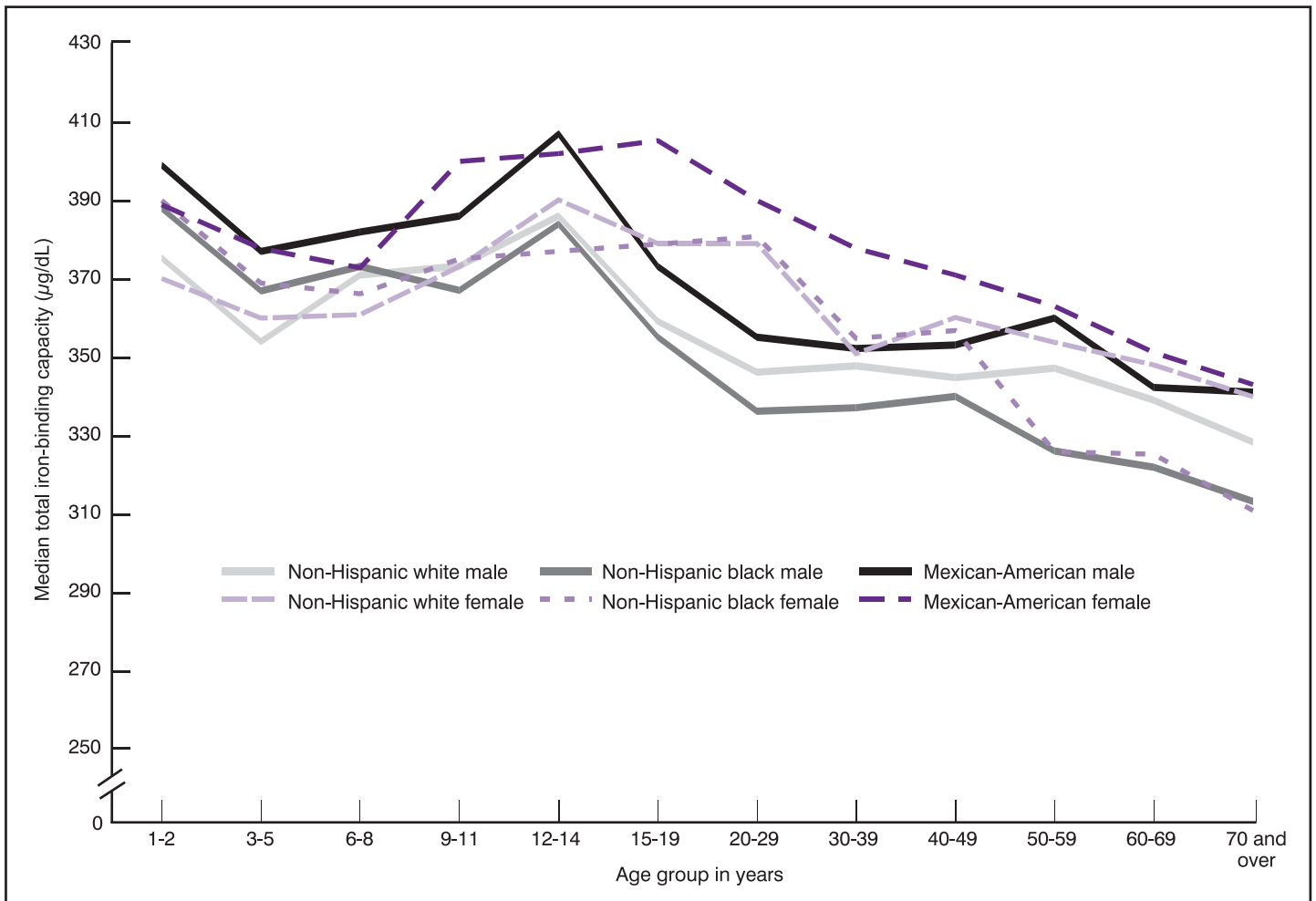


Figure 13. Serum total iron-binding capacity by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

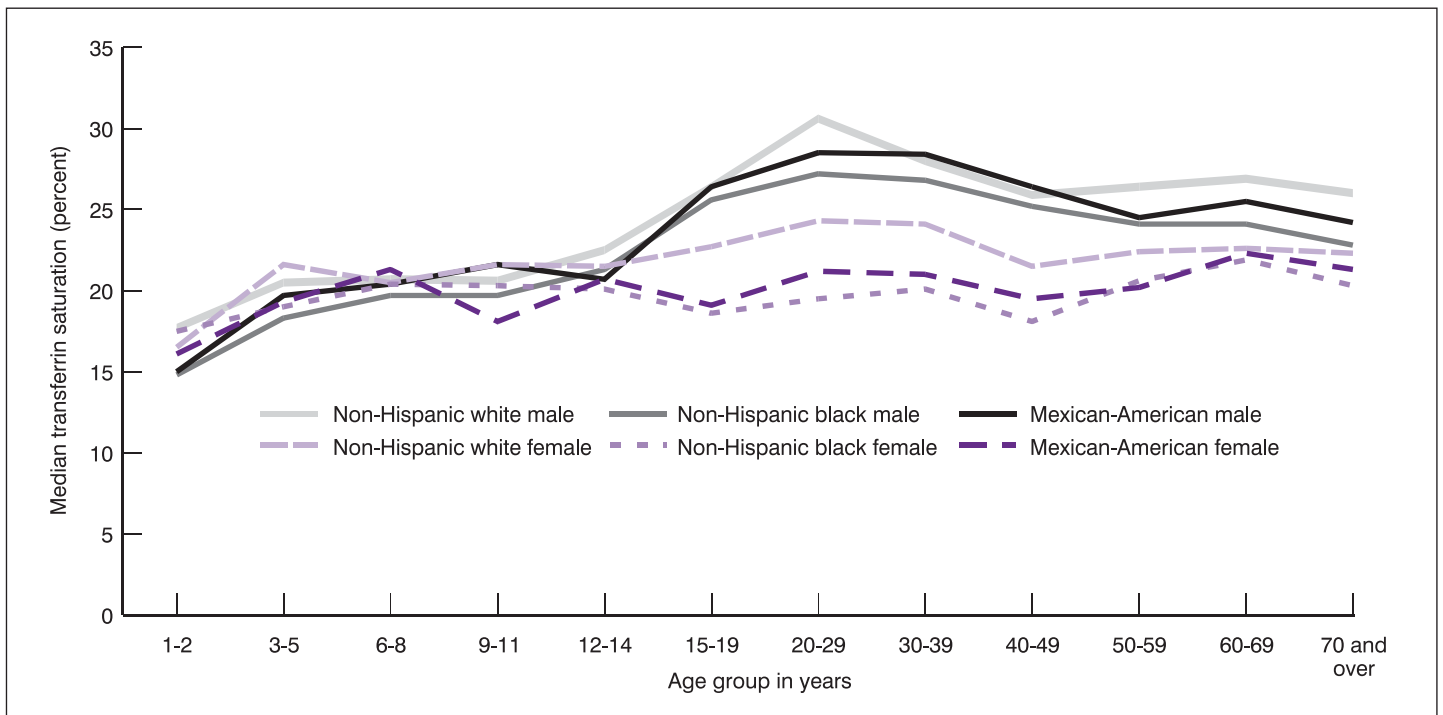


Figure 14. Transferrin saturation by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

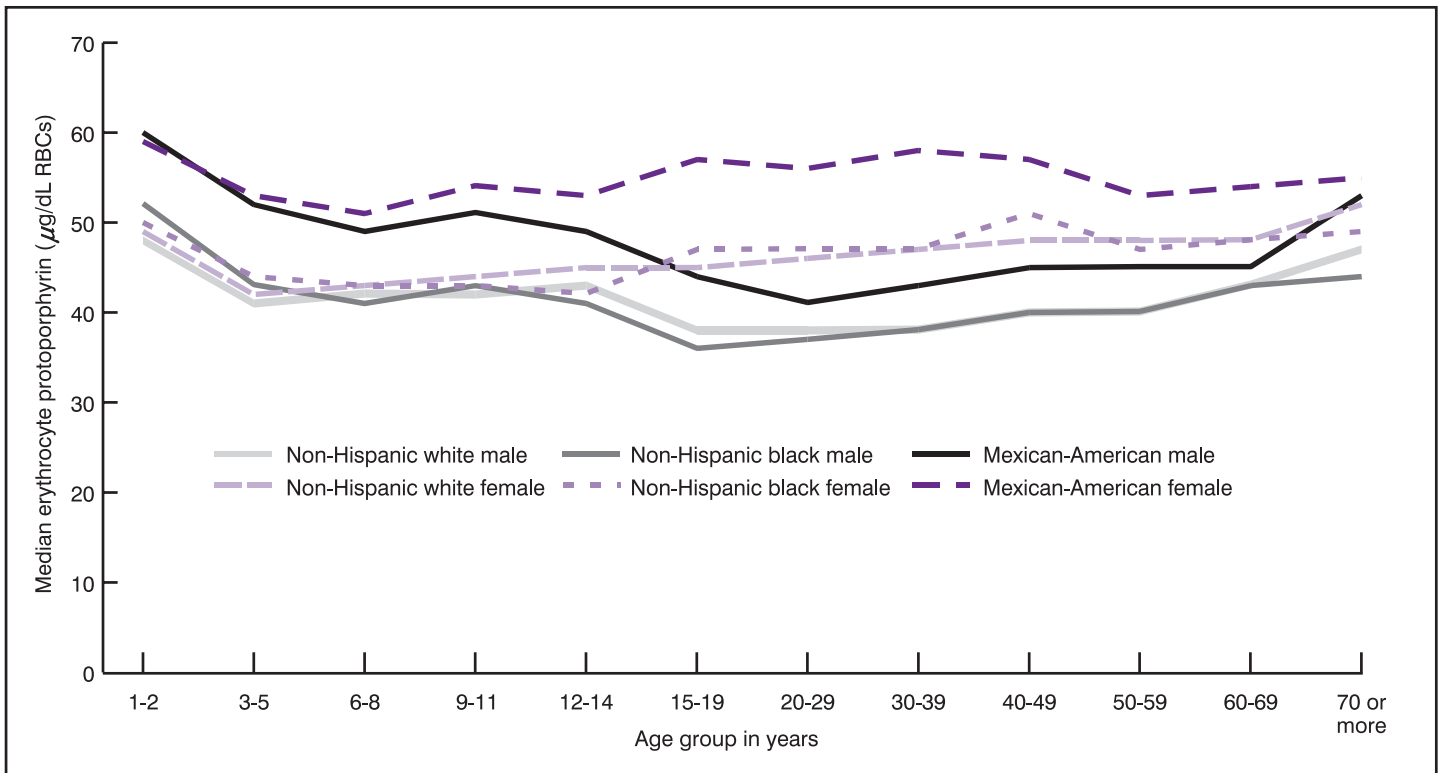


Figure 15. Erythrocyte protoporphyrin by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

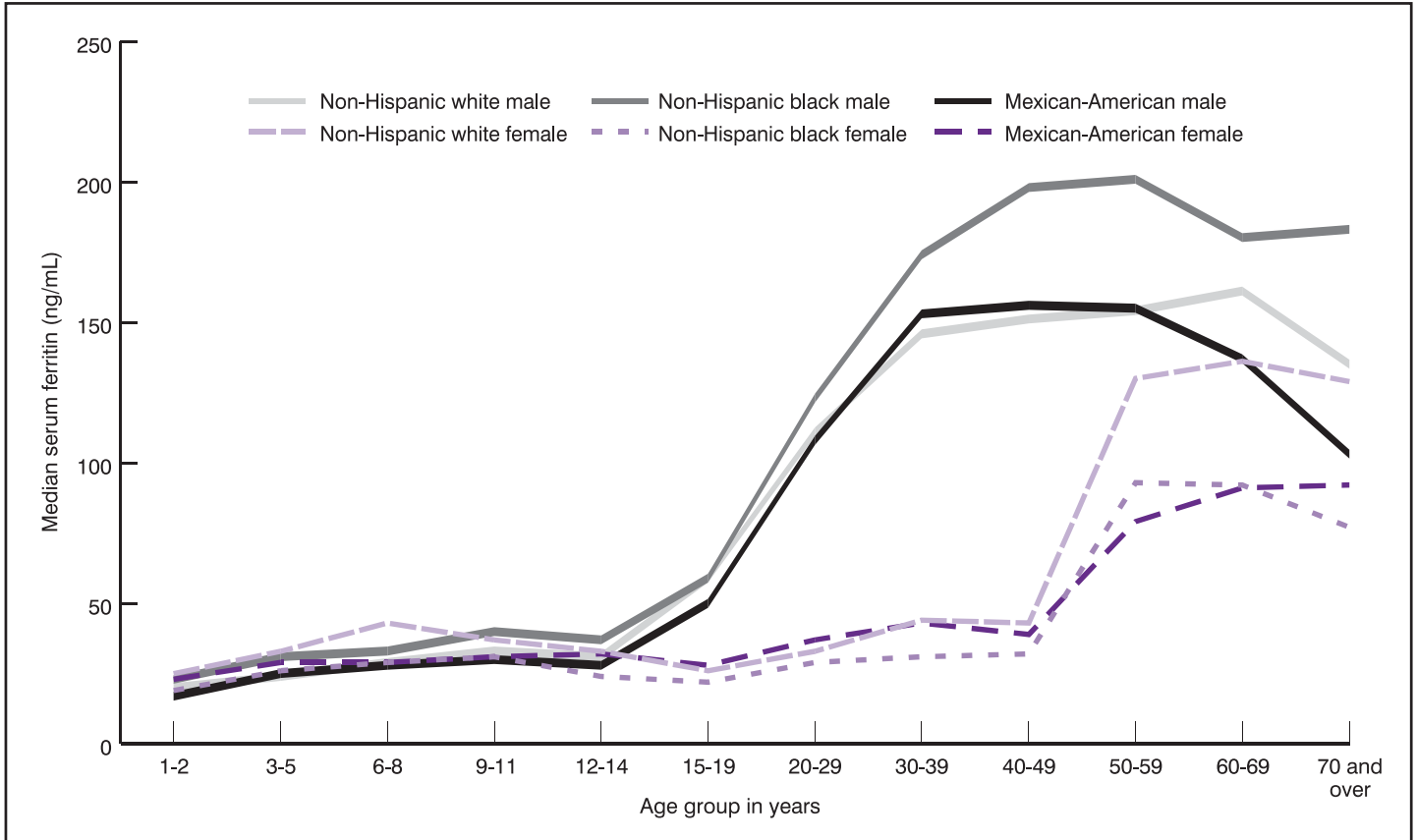


Figure 16. Serum ferritin by age, sex, and race/ethnicity: United States, Third National Health and Nutrition Examination Survey, 1988–94

relationships remained the same, but for each sex-age group, EP concentrations for females were 10–20 µg/dL of red cells higher than for males.

Serum Ferritin (tables 103–105; figure 16)

- Median serum ferritin concentration in both males and females across all race/ethnic groups increased slightly from age 1–2 years to age 12–14 years, 22 to 32 ng/mL (table 103).
- In females, there was little change in serum ferritin levels with age until age 40–49 when the concentration is 38 ng/mL, with little difference among the race/ethnic groups (table 105).
- At age 50–59, the median ferritin concentration among females of all race/ethnic groups was about 82 ng/mL but ranged from 79 ng/mL in non-Hispanic white persons to 130 ng/mL in non-Hispanic black persons, a difference that remains with increasing age.
- In males, an increase in median ferritin concentration began by age 15 years and continued to a peak of 156 ng/mL at age 50–59 years for all race/ethnic groups; however, median ferritin concentration ranged from 154 ng/mL in non-Hispanic white persons to 201 ng/mL in non-Hispanic black persons (table 104).

References

1. National Center for Health Statistics. Plan and initial program of the Health Examination Survey I. *Vital Health Stat* 1(4). 1965.
2. National Center for Health Statistics. Plan, operation, and response results of a program of children's examinations. *Vital Health Stat* 1(5). 1967.
3. National Center for Health Statistics. Plan and operation of a health examination of U.S. youths 12–17 years of age. *Vital Health Stat* 1(8). 1969.
4. Miller HW. Plan and operation of the Health and Nutrition Examination Survey, United States, 1971–73. National Center for Health Statistics. *Vital Health Stat* 1(10a) and (10b). 1973.
5. Engel A, Murphy RS, Maurer K, Collins E. Plan and operation of the HANES I Augmentation Survey of Adults 25–74 Years, United States, 1974–1975. National Center for Health Statistics. *Vital Health Stat* 1(14). 1978.
6. U.S. Department of Health and Human Services (HHS) and U.S. Department of Agriculture (USDA). Ten-year comprehensive plan for the National Nutrition Monitoring and Related Research Program; notice. *Federal Register* 58:32752–806. 1993.
7. U.S. Department of Health and Human Services (DHHS). National Center for Health Statistics. NHANES III reference manuals and reports (CD-ROM). Hyattsville, MD: Centers for Disease Control and Prevention. 1996. Available from National Technical Information Service (NTIS), Springfield, VA. Acrobat.PDF format; includes access software: Adobe Systems, Inc. Acrobat Reader.
8. Gunter EW, Lewis BL, Koncikowski SM. Laboratory methods used for the third National Health and Nutrition Examination Survey (NHANES III), 1988–94. Included in Reference 7.
9. Fulwood R, Johnson CL, Bryner JD, et al. Hematological and nutritional biochemistry reference for persons 6 months–74 years of age: United States 1976–80. National Center for Health Statistics. *Vital Health Stat* 11(232). 1982.
10. International Council for Standardization in Haematology, International Federation of Clinical Chemistry, World Association of Societies of Pathology, Recommendation for use of SI in clinical laboratory measurements. *Br J Haemat* 2:787. 1972.
11. Grover NB, Neaman J, Ben-assyon S, Dojanski F. Electrical sizing of particles in suspension. Rigid spheroids and red blood cells. *Biophys J* 12:1099–1116. 1972.
12. Hamilton PJ, Davison RL. The interrelationships and stability of Coulter-S determined blood indices. *J Clin Pathol* 26:700–5. 1973.
13. Yip, Ray. Iron. In: *Present Knowledge in Nutrition*, 8th ed. Bowman BA, Russell RM, eds. Washington, DC: ILSI Press, 311–25. 2001.
14. Gibson RS. *Principles of nutritional assessment*. New York: Oxford Press. 1990.
15. Instruction manual, Bio-Rad Quantimune Ferritin IRMA. Hercules, CA: Bio-Rad Laboratories. 1986.
16. Giovanniello TJ, Bendetto G, Palmer DW, Peters T. Fully and semiautomated methods for the determination of iron and total iron-binding capacity. *Clin Chem* 35(2):260–4. 1989.
17. Ramsey WNM. The determination of the total iron-binding capacity of serum. *Clin Chem Acta* 2:221–6. 1957.
18. Addison G, Beamish M, Hales C, et al. An immunoradiometric assay for ferritin in the serum of normal patients and patients with iron deficiency and iron overload. *J Clin Path* 25:326–9. 1972.
19. Miles L. Measurement of serum ferritin by a 2-site immunoradiometric assay. In: Abraham G, ed. *Handbook of radioimmunoassay*. New York: Marcel Dekker, Inc. Chapter 4. 1977.
20. Jeong H, Blackmore J, Lewin N. Ferritin immunoradiometric assay, U.S. Patent No. 4,244,940.
21. Sassa S, Granick JL, Granick S, et al. Microanalyses of erythrocyte protoporphyrin levels by spectrophotometry in the detection of chronic lead intoxication in the subclinical range. *Biochem Med* 8:135–48. 1973.
22. Culbreth P, Walter G, Carter R, Burtis C. Separation of protoporphyrin and related compounds by reversed-phase liquid chromatography. *Clin Chem* 25(6):605–10. 1979.
23. SAS Institute, Inc. *SAS procedures guide*, version 6. 3d ed. Cary, NC: SAS Institute Inc. 1990.
24. Shah BV, Barnwell BG, Bieler GS. SUDAAN user's manual, release 7.0. Research Triangle Park, NC: Research Triangle Institute. 1996.
25. National Health and Nutrition Examination Survey III, 1988–94. National Center for Health Statistics, Centers for Disease Control and Prevention. U.S. Department of Health and Human Services. CD-ROM Series 11, No. 1, Revised October 1997. SETS Version 1.22a.

Table 1. Hemoglobin in gram per liter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,372	139.1	14.5	0.251	112.5	116.5	121.0	124.1	129.1	138.7	149.7	155.1	158.2	163.0	167.1
1–2 years	1,789	120.1	8.1	0.362	104.6	107.1	110.0	112.1	115.0	120.1	125.5	128.6	130.6	133.2	136.2
3–5 years	2,618	123.7	7.7	0.287	108.6	111.5	114.1	116.1	118.6	123.5	128.7	132.2	134.1	136.6	138.6
6–8 years	1,384	128.5	7.9	0.401	113.0	115.1	118.1	120.1	123.6	129.2	133.7	136.2	138.2	141.5	144.1
9–11 years	1,507	131.9	8.2	0.398	117.1	119.0	121.6	123.6	127.0	131.6	137.7	140.6	142.2	145.1	147.2
12–14 years	1,161	137.4	11.2	0.625	116.0	119.5	123.1	126.0	129.7	137.2	145.2	149.6	152.2	156.5	160.2
15–19 years	1,786	141.0	14.0	0.629	114.6	119.0	122.6	126.5	131.2	140.6	151.2	156.2	159.1	163.2	168.6
20–29 years	3,331	142.7	15.1	0.496	113.6	118.5	122.5	126.0	131.7	143.6	154.7	159.2	161.7	165.2	168.6
30–39 years	3,158	142.3	14.8	0.499	112.6	117.6	123.6	127.0	132.2	142.6	153.2	157.7	161.2	165.1	168.7
40–49 years	2,467	141.6	14.5	0.556	111.6	118.6	124.1	127.5	131.7	142.2	152.2	156.7	159.0	164.0	168.0
50–59 years	1,802	142.5	13.3	0.595	116.6	121.6	126.1	129.1	133.0	142.7	152.2	156.2	159.1	163.5	168.6
60–69 years	2,242	140.7	13.0	0.520	115.5	120.0	124.5	127.6	132.6	140.7	149.2	153.6	156.5	162.0	167.1
70 years and over	3,127	137.7	13.7	0.465	109.1	114.6	121.1	124.6	129.6	138.1	146.6	151.6	154.5	159.2	164.2
Non-Hispanic white															
1 year and over	9,521	140.5	13.9	0.286	114.6	118.6	123.1	126.1	130.6	140.2	150.7	155.7	158.7	163.2	167.2
1–2 years	567	120.4	7.5	0.410	*	108.1	111.5	113.1	115.5	120.1	125.5	128.6	130.2	133.1	*
3–5 years	655	124.5	7.3	0.371	*	113.5	115.6	117.1	119.6	124.0	129.2	132.7	134.6	137.1	*
6–8 years	365	129.5	7.4	0.508	*	117.0	119.6	122.5	125.6	129.7	134.1	136.2	138.7	142.0	*
9–11 years	386	133.1	7.7	0.514	*	121.1	123.1	126.0	128.1	133.1	139.1	140.7	143.7	146.1	*
12–14 years	293	138.7	10.8	0.822	*	*	125.1	127.5	131.2	138.6	146.2	151.1	153.2	*	*
15–19 years	465	142.4	13.0	0.788	*	121.6	126.1	128.2	133.1	142.5	152.2	156.7	159.1	162.2	*
20–29 years	858	143.7	14.4	0.644	*	120.1	124.6	128.1	133.6	144.5	155.2	159.7	162.2	165.6	*
30–39 years	1,007	143.7	13.7	0.563	*	121.6	126.5	129.1	134.1	143.7	153.6	158.6	161.6	165.1	*
40–49 years	871	143.1	13.5	0.600	*	122.0	126.6	129.2	133.2	143.6	153.2	157.6	159.6	164.6	*
50–59 years	883	143.4	13.0	0.570	*	123.1	127.5	129.7	134.0	143.2	153.0	157.0	159.7	164.0	*
60–69 years	966	141.4	12.8	0.537	*	121.0	125.5	128.6	133.1	141.5	150.0	153.7	156.7	162.6	*
70 years and over	2,205	138.5	13.2	0.367	*	116.6	122.1	125.6	130.2	138.6	147.1	152.0	155.0	159.6	*
Non-Hispanic black															
1 year and over	7,749	131.4	14.9	0.236	104.1	110.0	114.1	117.1	121.5	130.5	142.1	147.7	151.6	156.6	161.2
1–2 years	540	117.7	8.4	0.448	*	104.0	107.1	109.1	112.5	118.0	123.1	126.1	128.1	132.1	*
3–5 years	852	120.4	8.0	0.339	*	107.1	110.5	113.0	115.6	120.5	125.6	128.1	130.6	133.7	*
6–8 years	449	124.5	8.2	0.476	*	112.1	114.1	116.0	119.1	124.5	129.7	133.1	135.7	138.1	*
9–11 years	519	126.6	8.7	0.474	*	115.0	117.1	118.6	122.0	126.6	131.6	135.1	137.5	140.2	*
12–14 years	404	128.9	10.6	0.651	*	113.0	116.0	118.1	122.5	128.7	135.7	140.1	143.1	147.0	*
15–19 years	624	134.3	14.9	0.740	*	112.1	116.0	119.6	123.5	134.2	146.1	150.6	153.7	158.5	*
20–29 years	1,052	135.3	15.9	0.607	*	110.6	116.1	119.0	123.5	135.6	147.6	152.6	155.6	161.2	*
30–39 years	1,063	134.0	16.1	0.609	*	109.0	115.0	118.0	123.0	134.2	145.5	151.0	154.2	158.7	*
40–49 years	761	133.5	16.3	0.730	*	107.6	113.1	118.5	124.0	133.7	145.1	150.7	153.6	158.5	*
50–59 years	463	135.4	14.0	0.805	*	112.6	119.0	122.6	126.1	134.6	144.2	150.1	153.2	159.6	*
60–69 years	550	132.9	13.0	0.688	*	112.6	117.0	120.1	124.0	133.2	142.0	147.1	149.0	153.7	*
70 years and over	472	128.4	15.1	0.862	*	102.1	109.6	113.5	120.0	129.6	138.7	143.6	146.7	152.1	*
Mexican American															
1 year and over	7,945	138.7	15.6	0.451	110.1	115.5	120.0	123.0	127.6	138.0	150.6	156.6	160.1	164.1	167.2
1–2 years	583	120.4	9.2	0.682	*	104.6	110.0	112.1	115.0	121.0	126.1	129.5	131.6	134.0	*
3–5 years	972	124.6	7.9	0.453	*	111.6	115.5	117.0	119.5	125.0	129.7	133.1	134.7	137.6	*
6–8 years	507	129.1	8.0	0.641	*	116.1	119.6	122.0	123.6	129.0	135.1	137.5	138.1	141.6	*
9–11 years	537	132.9	8.2	0.634	*	120.0	122.6	124.0	127.1	133.1	139.0	141.7	143.6	147.1	*
12–14 years	409	136.6	9.5	0.846	*	121.1	125.0	126.5	130.7	136.6	143.2	146.5	149.1	152.2	*
15–19 years	601	142.0	15.3	1.117	*	116.6	121.6	126.0	131.7	142.6	153.2	159.2	162.1	164.7	*
20–29 years	1,279	144.3	15.7	0.787	*	117.6	123.1	127.0	132.7	146.1	157.1	161.2	163.2	167.2	*
30–39 years	954	142.7	16.0	0.927	*	117.5	121.6	125.6	131.7	143.6	155.1	159.7	162.2	165.6	*
40–49 years	725	141.7	17.3	1.151	*	111.1	121.1	125.1	131.7	143.2	154.7	158.6	161.2	165.7	*
50–59 years	360	143.0	13.8	1.309	*	121.6	127.1	130.5	134.6	144.1	152.6	157.6	160.7	164.1	*
60–69 years	647	140.6	13.6	0.956	*	120.0	123.1	126.5	132.0	141.2	149.5	154.1	158.5	162.7	*
70 years and over	371	138.9	15.4	1.433	*	117.0	122.1	124.6	130.2	138.7	149.5	155.1	158.6	162.1	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 2. Hemoglobin in gram per liter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,623	146.7	13.9	0.347	116.6	121.0	126.6	131.6	138.7	148.6	156.5	160.5	163.1	167.1	170.2
1–2 years	931	120.1	8.2	0.448	104.6	107.0	109.1	112.1	115.0	120.0	125.6	128.2	130.6	133.2	136.1
3–5 years	1,281	123.5	7.7	0.362	108.5	111.5	114.5	116.1	118.6	123.0	128.2	132.2	134.2	136.7	139.0
6–8 years	709	128.8	8.0	0.505	113.6	115.1	119.0	120.6	124.1	129.1	134.1	137.1	138.7	141.7	145.1
9–11 years	773	132.8	8.4	0.505	117.1	119.6	122.5	124.5	127.5	133.5	139.2	141.6	144.0	146.0	148.2
12–14 years	540	141.4	10.8	0.778	120.5	124.1	127.1	130.7	133.7	142.1	149.2	153.1	154.6	159.0	163.0
15–19 years	836	150.7	10.3	0.599	130.6	134.6	137.6	140.0	144.2	151.1	157.6	160.6	163.5	168.7	170.7
20–29 years	1,562	154.1	9.2	0.390	137.1	139.5	142.7	144.7	147.6	154.6	160.6	163.2	165.2	168.6	172.1
30–39 years	1,401	152.5	10.2	0.457	133.1	136.1	140.1	142.2	146.1	152.7	159.7	163.2	165.1	168.7	171.6
40–49 years	1,164	151.2	10.2	0.499	129.7	134.6	138.7	142.0	145.5	151.7	157.7	160.7	164.0	168.0	171.0
50–59 years	833	150.3	11.2	0.652	126.1	132.0	136.7	140.0	143.5	151.1	157.6	161.6	163.5	168.6	172.1
60–69 years	1,130	147.6	11.5	0.574	123.6	128.2	133.7	136.6	141.1	147.7	154.5	158.6	161.7	166.7	170.1
70 years and over	1,463	143.6	14.3	0.627	110.5	116.6	125.6	130.6	136.1	144.7	153.1	156.6	160.1	164.7	168.5
Non-Hispanic white															
1 year and over	4,491	147.8	13.3	0.398	118.1	123.0	129.0	133.7	140.6	149.6	157.1	160.7	163.2	167.2	170.6
1–2 years	297	120.4	7.6	0.528	*	108.1	111.1	113.0	115.1	120.0	125.6	128.2	130.2	133.2	*
3–5 years	323	124.1	7.5	0.497	*	113.1	115.0	116.6	119.1	123.1	128.7	133.1	134.7	137.7	*
6–8 years	190	129.8	7.6	0.662	*	*	120.6	123.0	125.6	130.0	135.0	137.2	139.6	*	*
9–11 years	200	134.1	7.6	0.641	*	*	124.1	126.1	128.2	134.1	140.2	142.1	144.2	*	*
12–14 years	139	142.3	10.2	1.040	*	*	129.1	132.0	134.6	142.6	150.2	153.2	154.7	*	*
15–19 years	195	151.6	9.3	0.802	*	*	139.2	141.0	146.2	152.0	158.1	160.6	162.5	*	*
20–29 years	381	154.9	8.8	0.538	*	141.6	143.6	145.6	148.5	155.5	161.1	163.7	165.7	168.6	*
30–39 years	435	153.0	9.7	0.556	*	137.7	141.0	143.2	146.7	153.0	160.0	163.2	165.1	168.7	*
40–49 years	414	152.1	9.7	0.573	*	137.0	140.2	142.7	146.2	152.6	158.2	161.2	164.2	168.2	*
50–59 years	410	151.1	10.9	0.648	*	133.1	138.5	140.7	144.0	152.0	158.0	161.7	164.0	169.7	*
60–69 years	493	148.2	11.2	0.603	*	128.7	134.6	137.2	141.7	148.5	154.7	159.6	162.5	167.1	*
70 years and over	1,014	144.5	13.7	0.516	*	119.6	127.6	132.2	137.1	146.1	153.2	157.0	160.2	165.1	*
Non-Hispanic black															
1 year and over	3,633	139.4	14.6	0.339	110.1	115.1	119.6	123.0	129.2	141.1	150.0	154.1	157.0	161.6	164.5
1–2 years	275	117.2	8.3	0.568	*	103.1	106.6	108.0	112.5	117.6	123.0	125.6	127.0	130.7	*
3–5 years	419	120.1	8.2	0.457	*	105.6	109.0	112.5	116.0	120.5	125.6	128.0	130.2	134.6	*
6–8 years	229	125.3	8.6	0.645	*	112.1	115.1	117.1	120.1	125.1	130.5	134.2	136.2	138.7	*
9–11 years	267	126.7	9.5	0.665	*	114.6	117.1	119.0	122.1	126.6	132.2	136.1	137.6	140.0	*
12–14 years	184	133.1	10.9	0.916	*	*	120.1	123.0	126.5	132.7	140.5	144.5	145.6	*	*
15–19 years	298	145.3	10.1	0.666	*	128.6	132.5	135.1	138.7	145.7	152.1	155.2	158.2	160.7	*
20–29 years	463	148.5	9.4	0.498	*	134.0	137.2	139.2	142.2	148.2	154.5	158.7	161.7	164.6	*
30–39 years	461	145.7	11.9	0.632	*	127.1	132.6	135.6	140.1	145.7	153.2	156.6	159.2	163.1	*
40–49 years	336	145.0	10.9	0.681	*	127.0	130.6	134.0	138.5	145.2	152.2	157.0	158.6	162.1	*
50–59 years	207	143.1	13.0	1.034	*	*	124.6	129.6	135.6	143.6	151.7	157.1	160.1	*	*
60–69 years	274	139.0	13.7	0.944	*	114.0	121.5	126.5	132.7	140.0	148.2	152.7	154.6	159.6	*
70 years and over	220	134.3	15.0	1.153	*	*	115.6	120.6	127.0	136.1	143.6	147.7	152.6	*	*
Mexican American															
1 year and over	3,951	146.8	14.7	0.604	115.6	120.1	125.1	129.2	137.2	149.2	157.7	161.6	163.7	167.1	170.1
1–2 years	298	120.1	9.4	0.859	*	*	108.6	110.5	115.0	121.1	126.1	129.2	131.6	*	*
3–5 years	466	124.8	7.7	0.560	*	112.5	115.5	117.1	120.1	125.1	129.6	133.1	134.7	137.6	*
6–8 years	250	129.4	8.3	0.827	*	*	119.6	122.0	124.0	129.1	134.2	137.0	140.2	*	*
9–11 years	272	133.9	8.5	0.815	*	*	122.5	124.5	127.5	134.7	140.6	142.6	144.2	*	*
12–14 years	191	140.8	9.0	1.028	*	*	130.7	132.0	134.1	140.2	146.7	149.7	152.1	*	*
15–19 years	304	153.0	9.2	0.834	*	139.0	141.2	144.0	146.2	153.1	160.1	163.2	164.7	167.1	*
20–29 years	647	155.3	8.9	0.551	*	140.5	143.5	146.2	149.6	155.7	161.6	164.2	166.6	169.7	*
30–39 years	450	154.4	8.6	0.639	*	141.0	143.0	145.5	148.7	154.6	160.7	163.7	165.2	167.7	*
40–49 years	369	152.6	10.6	0.872	*	136.2	139.7	142.6	146.1	153.7	159.1	163.2	165.5	168.7	*
50–59 years	175	150.8	11.6	1.381	*	*	137.2	140.1	144.7	151.2	159.5	162.6	164.1	*	*
60–69 years	330	148.8	11.8	1.019	*	129.2	135.2	137.7	141.7	149.2	156.1	161.0	162.7	165.2	*
70 years and over	199	143.9	15.2	1.697	*	*	125.5	126.1	135.0	146.2	156.2	160.5	162.0	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 3. Hemoglobin in gram per liter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,749	131.9	11.0	0.263	110.1	114.0	118.5	121.1	125.5	132.2	139.1	143.1	145.6	149.2	152.7
1–2 years	858	120.2	8.0	0.507	105.1	108.0	110.1	112.5	115.1	120.1	125.5	129.0	130.6	133.2	137.0
3–5 years	1,337	123.9	7.7	0.393	108.6	111.1	114.1	116.1	119.0	124.0	129.2	132.2	133.7	136.2	137.7
6–8 years	675	128.2	7.7	0.549	112.5	115.0	118.0	119.1	123.1	129.5	133.6	135.7	137.6	140.1	143.2
9–11 years	734	131.0	7.8	0.536	117.0	118.5	121.5	122.6	126.6	130.6	136.2	139.2	140.6	144.2	146.6
12–14 years	621	132.9	10.0	0.743	113.1	117.0	120.5	123.1	126.1	132.6	140.5	143.7	146.5	149.2	151.2
15–19 years	950	131.5	10.0	0.603	112.0	114.6	119.0	121.6	125.1	132.1	138.7	142.2	144.2	146.6	148.7
20–29 years	1,769	131.4	10.6	0.468	109.6	113.6	118.5	120.6	124.6	132.1	138.7	142.0	144.7	147.6	150.0
30–39 years	1,757	132.2	11.3	0.500	108.5	113.0	117.6	121.1	126.1	133.0	139.6	142.7	146.2	150.2	152.7
40–49 years	1,303	132.2	11.8	0.607	104.5	112.0	119.0	122.6	127.0	132.7	139.6	143.5	145.6	149.5	152.5
50–59 years	969	135.1	10.6	0.636	114.6	117.5	122.5	125.5	129.0	134.6	142.2	146.6	148.7	152.7	155.1
60–69 years	1,112	134.8	11.1	0.619	113.1	116.5	121.1	124.0	128.1	135.6	141.7	145.7	147.7	152.0	154.6
70 years and over	1,664	133.7	11.8	0.536	108.5	113.6	119.5	122.6	127.1	134.2	141.6	145.2	147.6	152.1	156.2
Non-Hispanic white															
1 year and over	5,030	133.5	10.4	0.294	112.6	116.5	120.6	123.1	127.1	133.6	140.2	144.1	146.6	150.2	153.6
1–2 years	270	120.5	7.3	0.593	*	108.5	111.5	113.5	116.1	120.1	125.0	128.7	130.2	132.5	*
3–5 years	332	124.8	7.0	0.514	*	113.6	116.1	118.1	120.0	124.5	130.0	132.2	134.2	137.0	*
6–8 years	175	129.2	7.2	0.725	*	*	119.1	120.6	125.5	129.7	133.7	135.7	137.5	*	*
9–11 years	186	132.2	7.8	0.757	*	*	122.0	125.0	127.6	132.1	137.2	140.1	142.0	*	*
12–14 years	154	134.3	9.7	1.043	*	*	122.1	124.6	127.6	133.1	141.7	144.6	148.6	*	*
15–19 years	270	133.3	9.2	0.742	*	117.6	121.6	123.5	127.5	133.2	140.0	143.2	145.0	147.5	*
20–29 years	477	133.0	10.0	0.610	*	115.6	120.1	122.6	126.5	134.1	140.1	143.6	145.2	148.1	*
30–39 years	572	134.2	10.2	0.565	*	116.5	122.0	125.0	128.0	134.5	140.7	144.5	147.6	151.7	*
40–49 years	457	133.9	10.3	0.643	*	117.6	122.6	124.6	128.2	133.7	140.6	144.2	146.7	149.7	*
50–59 years	473	136.1	10.2	0.627	*	120.5	124.0	126.6	129.7	135.7	143.5	147.2	150.0	153.7	*
60–69 years	473	135.3	10.9	0.665	*	116.6	121.6	125.1	128.6	136.1	142.5	146.1	148.2	152.1	*
70 years and over	1,191	134.4	11.1	0.429	*	115.5	121.0	123.6	127.6	134.7	141.7	145.5	147.7	153.0	*
Non-Hispanic black															
1 year and over	4,116	124.6	11.4	0.247	99.1	107.1	111.5	114.1	118.1	125.1	131.7	135.6	138.1	142.6	145.7
1–2 years	265	118.3	8.5	0.628	*	104.5	107.6	110.0	112.5	119.0	124.0	127.0	129.0	132.6	*
3–5 years	433	120.7	7.8	0.448	*	109.0	111.5	113.1	115.6	120.6	126.0	128.2	130.6	133.2	*
6–8 years	220	123.7	7.7	0.620	*	*	113.5	115.1	118.1	123.6	129.5	131.7	134.5	*	*
9–11 years	252	126.5	7.8	0.592	*	115.1	117.1	118.5	121.6	126.5	131.1	134.7	137.2	140.6	*
12–14 years	220	125.4	8.9	0.717	*	*	113.1	116.0	119.6	125.5	132.6	134.7	136.2	*	*
15–19 years	326	123.2	10.0	0.666	*	106.6	112.1	114.1	118.0	123.6	129.1	133.1	136.1	139.5	*
20–29 years	589	124.2	11.0	0.546	*	107.0	111.1	113.6	118.1	124.1	131.6	135.2	138.0	142.0	*
30–39 years	602	124.4	12.2	0.596	*	103.5	110.1	113.1	117.5	125.1	132.2	136.1	138.2	143.1	*
40–49 years	425	124.2	13.8	0.802	*	101.1	109.0	111.6	118.0	126.0	132.6	136.2	138.1	142.6	*
50–59 years	256	129.0	11.3	0.845	*	110.6	116.1	118.6	123.6	129.2	135.6	140.2	142.6	145.7	*
60–69 years	276	128.6	10.6	0.767	*	112.1	115.6	118.1	121.6	129.2	135.6	140.1	142.2	146.1	*
70 years and over	252	124.6	14.0	1.057	*	97.5	108.0	111.0	116.6	126.1	132.7	138.2	143.0	146.7	*
Mexican American															
1 year and over	3,994	130.2	11.3	0.464	106.0	112.0	117.0	119.6	123.6	130.7	137.6	141.1	143.2	147.5	150.5
1–2 years	285	120.7	8.9	0.820	*	*	111.5	113.1	115.6	121.0	126.6	129.6	131.2	*	*
3–5 years	506	124.5	8.0	0.556	*	111.1	115.5	116.6	119.0	124.6	130.1	133.0	135.1	137.5	*
6–8 years	257	128.8	7.8	0.755	*	*	119.6	122.0	123.5	128.6	135.2	137.6	137.7	*	*
9–11 years	265	131.8	7.6	0.726	*	*	123.0	123.1	126.6	131.1	136.5	139.2	141.5	*	*
12–14 years	218	133.2	8.5	0.897	*	*	121.1	124.5	126.6	133.5	138.7	142.7	143.6	*	*
15–19 years	297	129.9	10.8	0.973	*	114.0	116.6	119.1	123.6	130.7	137.2	140.2	142.1	145.2	*
20–29 years	632	130.4	10.6	0.655	*	112.1	116.6	119.6	124.0	131.5	137.7	140.2	142.6	146.2	*
30–39 years	504	129.9	11.7	0.814	*	108.5	117.1	120.0	123.6	131.1	138.1	140.7	142.7	145.7	*
40–49 years	356	130.1	15.3	1.257	*	99.6	111.1	116.6	124.1	132.2	139.2	143.5	146.7	151.1	*
50–59 years	185	135.5	11.5	1.311	*	*	122.0	125.6	129.7	136.1	143.6	147.0	149.1	*	*
60–69 years	317	134.2	11.2	0.978	*	117.1	120.6	123.0	127.1	134.1	142.6	145.6	147.5	150.2	*
70 years and over	172	134.1	14.0	1.655	*	*	119.1	122.6	126.6	136.1	143.7	146.2	149.1	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 4. Hematocrit as fractions (liters per liter) for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,370	0.41	0.04	0.001	0.34	0.35	0.36	0.37	0.38	0.41	0.44	0.46	0.47	0.48	0.49
1–2 years	1,789	0.36	0.02	0.001	0.32	0.32	0.33	0.34	0.34	0.36	0.37	0.38	0.39	0.40	0.40
3–5 years	2,618	0.37	0.02	0.001	0.33	0.33	0.34	0.35	0.35	0.37	0.38	0.39	0.40	0.41	0.41
6–8 years	1,384	0.38	0.02	0.001	0.34	0.34	0.35	0.36	0.37	0.38	0.40	0.40	0.41	0.42	0.42
9–11 years	1,507	0.39	0.02	0.001	0.35	0.36	0.36	0.37	0.38	0.39	0.41	0.41	0.42	0.43	0.44
12–14 years	1,161	0.41	0.03	0.002	0.35	0.36	0.37	0.38	0.39	0.41	0.43	0.44	0.45	0.47	0.47
15–19 years	1,786	0.42	0.04	0.002	0.34	0.36	0.37	0.38	0.39	0.42	0.45	0.46	0.47	0.48	0.49
20–29 years	3,331	0.42	0.04	0.001	0.34	0.36	0.37	0.38	0.39	0.42	0.45	0.47	0.48	0.49	0.49
30–39 years	3,158	0.42	0.04	0.001	0.34	0.36	0.37	0.38	0.39	0.42	0.45	0.46	0.47	0.49	0.50
40–49 years	2,467	0.42	0.04	0.001	0.34	0.36	0.37	0.38	0.39	0.42	0.45	0.46	0.47	0.48	0.49
50–59 years	1,802	0.42	0.04	0.002	0.35	0.36	0.38	0.38	0.39	0.42	0.45	0.46	0.47	0.48	0.49
60–69 years	2,241	0.42	0.04	0.001	0.35	0.36	0.37	0.38	0.39	0.42	0.44	0.46	0.47	0.48	0.50
70 years and over	3,126	0.41	0.04	0.001	0.33	0.35	0.36	0.37	0.39	0.41	0.44	0.45	0.46	0.47	0.49
Non-Hispanic white															
1 year and over	9,520	0.42	0.04	0.001	0.34	0.35	0.37	0.38	0.39	0.41	0.44	0.46	0.47	0.48	0.49
1–2 years	567	0.36	0.02	0.001	*	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.39	*
3–5 years	655	0.37	0.02	0.001	*	0.34	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	*
6–8 years	365	0.38	0.02	0.001	*	0.34	0.36	0.36	0.37	0.38	0.40	0.40	0.41	0.42	*
9–11 years	386	0.39	0.02	0.001	*	0.36	0.37	0.37	0.38	0.39	0.41	0.42	0.42	0.43	*
12–14 years	293	0.41	0.03	0.002	*	*	0.38	0.38	0.39	0.41	0.43	0.44	0.45	*	*
15–19 years	465	0.42	0.04	0.002	*	0.36	0.38	0.38	0.39	0.42	0.45	0.46	0.47	0.48	*
20–29 years	858	0.42	0.04	0.002	*	0.36	0.37	0.38	0.39	0.43	0.45	0.47	0.48	0.49	*
30–39 years	1,007	0.42	0.04	0.001	*	0.36	0.38	0.38	0.40	0.42	0.45	0.46	0.47	0.49	*
40–49 years	871	0.42	0.04	0.002	*	0.36	0.37	0.38	0.39	0.42	0.45	0.46	0.47	0.48	*
50–59 years	883	0.42	0.04	0.002	*	0.36	0.38	0.39	0.40	0.42	0.45	0.46	0.47	0.48	*
60–69 years	966	0.42	0.04	0.002	*	0.36	0.38	0.38	0.39	0.42	0.44	0.46	0.47	0.48	*
70 years and over	2,204	0.41	0.04	0.001	*	0.35	0.37	0.38	0.39	0.41	0.44	0.45	0.46	0.47	*
Non-Hispanic black															
1 year and over	7,749	0.40	0.04	0.001	0.32	0.33	0.35	0.36	0.37	0.39	0.43	0.44	0.45	0.47	0.48
1–2 years	540	0.36	0.02	0.001	*	0.32	0.33	0.33	0.34	0.36	0.37	0.38	0.39	0.39	*
3–5 years	852	0.36	0.02	0.001	*	0.33	0.34	0.34	0.35	0.36	0.38	0.38	0.39	0.40	*
6–8 years	449	0.37	0.02	0.001	*	0.34	0.35	0.35	0.36	0.37	0.39	0.40	0.40	0.41	*
9–11 years	519	0.38	0.03	0.001	*	0.35	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	*
12–14 years	404	0.39	0.03	0.002	*	0.35	0.36	0.36	0.37	0.39	0.41	0.42	0.43	0.44	*
15–19 years	624	0.41	0.04	0.002	*	0.34	0.35	0.36	0.37	0.40	0.44	0.45	0.46	0.47	*
20–29 years	1,052	0.41	0.05	0.002	*	0.34	0.35	0.36	0.37	0.41	0.44	0.46	0.47	0.48	*
30–39 years	1,063	0.40	0.04	0.002	*	0.34	0.35	0.36	0.37	0.40	0.43	0.45	0.46	0.47	*
40–49 years	761	0.40	0.04	0.002	*	0.33	0.35	0.36	0.38	0.40	0.43	0.45	0.46	0.47	*
50–59 years	463	0.41	0.04	0.002	*	0.35	0.36	0.37	0.38	0.40	0.44	0.45	0.46	0.48	*
60–69 years	550	0.40	0.04	0.002	*	0.34	0.36	0.36	0.38	0.40	0.42	0.44	0.45	0.46	*
70 years and over	472	0.39	0.04	0.003	*	0.31	0.34	0.35	0.36	0.39	0.42	0.43	0.44	0.45	*
Mexican American															
1 year and over	7,945	0.41	0.04	0.001	0.33	0.35	0.36	0.37	0.38	0.41	0.45	0.46	0.47	0.48	0.49
1–2 years	583	0.36	0.02	0.002	*	0.32	0.33	0.34	0.35	0.36	0.38	0.39	0.39	0.40	*
3–5 years	972	0.37	0.02	0.001	*	0.34	0.34	0.35	0.36	0.37	0.39	0.39	0.40	0.41	*
6–8 years	507	0.38	0.02	0.002	*	0.35	0.36	0.36	0.37	0.38	0.40	0.40	0.41	0.42	*
9–11 years	537	0.39	0.02	0.002	*	0.36	0.37	0.37	0.38	0.39	0.41	0.42	0.42	0.43	*
12–14 years	409	0.41	0.03	0.002	*	0.36	0.37	0.38	0.39	0.41	0.42	0.43	0.44	0.45	*
15–19 years	601	0.42	0.04	0.003	*	0.35	0.37	0.38	0.39	0.42	0.45	0.47	0.47	0.49	*
20–29 years	1,279	0.43	0.04	0.002	*	0.35	0.37	0.38	0.39	0.43	0.46	0.47	0.48	0.49	*
30–39 years	954	0.42	0.04	0.003	*	0.35	0.36	0.38	0.39	0.42	0.46	0.47	0.48	0.49	*
40–49 years	725	0.42	0.05	0.003	*	0.34	0.36	0.38	0.39	0.43	0.45	0.47	0.47	0.49	*
50–59 years	360	0.42	0.04	0.004	*	0.36	0.38	0.38	0.40	0.43	0.45	0.46	0.47	0.48	*
60–69 years	647	0.42	0.04	0.003	*	0.36	0.37	0.38	0.39	0.42	0.44	0.46	0.47	0.48	*
70 years and over	371	0.42	0.04	0.004	*	0.35	0.37	0.38	0.39	0.41	0.44	0.46	0.47	0.48	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 5. Hematocrit as fractions (liters per liter) for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,623	0.43	0.04	0.001	0.35	0.36	0.38	0.39	0.41	0.44	0.46	0.47	0.48	0.49	0.50
1–2 years	931	0.36	0.02	0.001	0.32	0.32	0.33	0.34	0.34	0.36	0.37	0.38	0.39	0.40	0.40
3–5 years	1,281	0.37	0.02	0.001	0.33	0.33	0.34	0.35	0.35	0.37	0.38	0.39	0.40	0.41	0.41
6–8 years	709	0.38	0.02	0.001	0.33	0.34	0.36	0.36	0.37	0.38	0.40	0.41	0.41	0.42	0.43
9–11 years	773	0.39	0.02	0.001	0.35	0.36	0.37	0.37	0.38	0.39	0.41	0.42	0.43	0.43	0.44
12–14 years	540	0.42	0.03	0.002	0.37	0.38	0.38	0.39	0.40	0.42	0.44	0.45	0.46	0.47	0.48
15–19 years	836	0.45	0.03	0.002	0.39	0.40	0.41	0.42	0.43	0.45	0.46	0.47	0.48	0.49	0.50
20–29 years	1,562	0.45	0.03	0.001	0.41	0.41	0.42	0.43	0.43	0.45	0.47	0.48	0.49	0.49	0.50
30–39 years	1,401	0.45	0.03	0.001	0.40	0.41	0.41	0.42	0.43	0.45	0.47	0.48	0.49	0.50	0.50
40–49 years	1,164	0.45	0.03	0.001	0.38	0.40	0.41	0.42	0.43	0.45	0.46	0.47	0.48	0.49	0.50
50–59 years	833	0.44	0.03	0.002	0.38	0.39	0.41	0.41	0.42	0.44	0.46	0.47	0.48	0.49	0.50
60–69 years	1,130	0.44	0.03	0.002	0.37	0.38	0.40	0.41	0.42	0.44	0.46	0.47	0.48	0.50	0.50
70 years and over	1,463	0.43	0.04	0.002	0.34	0.36	0.38	0.39	0.41	0.43	0.45	0.47	0.48	0.49	0.50
Non-Hispanic white															
1 year and over	4,491	0.44	0.04	0.001	0.35	0.37	0.38	0.40	0.41	0.44	0.46	0.47	0.48	0.49	0.50
1–2 years	297	0.36	0.02	0.001	*	0.32	0.33	0.34	0.34	0.36	0.37	0.38	0.39	0.39	*
3–5 years	323	0.37	0.02	0.001	*	0.34	0.34	0.35	0.35	0.37	0.38	0.39	0.40	0.41	*
6–8 years	190	0.38	0.02	0.002	*	*	0.36	0.36	0.37	0.38	0.40	0.41	0.41	*	*
9–11 years	200	0.40	0.02	0.002	*	*	0.37	0.37	0.38	0.40	0.41	0.42	0.43	*	*
12–14 years	139	0.42	0.03	0.003	*	*	0.38	0.39	0.40	0.42	0.44	0.45	0.46	*	*
15–19 years	195	0.45	0.03	0.002	*	*	0.41	0.42	0.43	0.45	0.46	0.47	0.48	*	*
20–29 years	381	0.45	0.02	0.001	*	0.41	0.43	0.43	0.43	0.45	0.47	0.48	0.49	0.49	*
30–39 years	435	0.45	0.03	0.001	*	0.41	0.41	0.42	0.43	0.45	0.47	0.48	0.49	0.50	*
40–49 years	414	0.45	0.03	0.002	*	0.40	0.41	0.42	0.43	0.45	0.46	0.47	0.48	0.49	*
50–59 years	410	0.44	0.03	0.002	*	0.39	0.41	0.41	0.43	0.45	0.46	0.47	0.48	0.50	*
60–69 years	493	0.44	0.03	0.002	*	0.39	0.40	0.41	0.42	0.44	0.46	0.47	0.48	0.50	*
70 years and over	1,014	0.43	0.04	0.001	*	0.37	0.38	0.39	0.41	0.43	0.45	0.47	0.48	0.49	*
Non-Hispanic black															
1 year and over	3,633	0.42	0.04	0.001	0.34	0.35	0.36	0.37	0.39	0.42	0.45	0.46	0.47	0.48	0.49
1–2 years	275	0.35	0.02	0.002	*	0.32	0.33	0.33	0.34	0.35	0.37	0.38	0.38	0.39	*
3–5 years	419	0.36	0.02	0.001	*	0.32	0.33	0.34	0.35	0.36	0.38	0.38	0.39	0.40	*
6–8 years	229	0.38	0.02	0.002	*	0.34	0.35	0.36	0.36	0.38	0.39	0.40	0.41	0.41	*
9–11 years	267	0.38	0.03	0.002	*	0.34	0.36	0.36	0.37	0.38	0.40	0.41	0.41	0.42	*
12–14 years	184	0.40	0.03	0.003	*	*	0.37	0.37	0.38	0.40	0.42	0.43	0.44	*	*
15–19 years	298	0.44	0.03	0.002	*	0.39	0.40	0.40	0.42	0.44	0.46	0.47	0.47	0.48	*
20–29 years	463	0.44	0.03	0.001	*	0.40	0.41	0.42	0.43	0.44	0.46	0.47	0.48	0.49	*
30–39 years	461	0.44	0.03	0.002	*	0.38	0.40	0.41	0.42	0.44	0.46	0.47	0.47	0.48	*
40–49 years	336	0.43	0.03	0.002	*	0.38	0.39	0.40	0.41	0.44	0.45	0.46	0.47	0.48	*
50–59 years	207	0.43	0.04	0.003	*	*	0.38	0.39	0.41	0.43	0.46	0.47	0.48	*	*
60–69 years	274	0.42	0.04	0.003	*	0.35	0.38	0.38	0.40	0.42	0.45	0.45	0.47	0.47	*
70 years and over	220	0.41	0.04	0.004	*	*	0.35	0.37	0.38	0.41	0.43	0.45	0.46	*	*
Mexican American															
1 year and over	3,951	0.43	0.04	0.002	0.35	0.36	0.37	0.39	0.41	0.44	0.46	0.47	0.48	0.49	0.50
1–2 years	298	0.36	0.03	0.002	*	*0.32	0.33	0.33	0.34	0.36	0.38	0.39	0.39	*0.40	*
3–5 years	466	0.37	0.02	0.002	*	0.34	0.34	0.35	0.36	0.37	0.39	0.40	0.40	0.41	*
6–8 years	250	0.38	0.02	0.002	*	*	0.36	0.36	0.37	0.38	0.39	0.40	0.41	*	*
9–11 years	272	0.40	0.02	0.002	*	*	0.37	0.37	0.38	0.40	0.41	0.42	0.43	*	*
12–14 years	191	0.42	0.03	0.003	*	*	0.39	0.39	0.40	0.42	0.43	0.45	0.45	*	*
15–19 years	304	0.45	0.03	0.002	*	0.41	0.42	0.43	0.43	0.45	0.47	0.48	0.49	0.49	*
20–29 years	647	0.46	0.03	0.002	*	0.42	0.42	0.43	0.44	0.46	0.47	0.48	0.49	0.50	*
30–39 years	450	0.46	0.02	0.002	*	0.41	0.42	0.43	0.44	0.46	0.47	0.48	0.49	0.49	*
40–49 years	369	0.45	0.03	0.002	*	0.40	0.42	0.42	0.43	0.45	0.47	0.48	0.49	0.50	*
50–59 years	175	0.45	0.03	0.004	*	*	0.41	0.42	0.43	0.45	0.47	0.48	0.48	*	*
60–69 years	330	0.44	0.03	0.003	*	0.39	0.40	0.41	0.42	0.44	0.47	0.48	0.48	0.49	*
70 years and over	199	0.43	0.04	0.005	*	*	0.38	0.38	0.40	0.43	0.47	0.48	0.48	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 6. Hematocrit as fractions (liters per liter) for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,747	0.39	0.03	0.001	0.33	0.34	0.36	0.36	0.37	0.39	0.41	0.42	0.43	0.44	0.45
1–2 years	858	0.36	0.02	0.001	0.32	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.40
3–5 years	1,337	0.37	0.02	0.001	0.32	0.33	0.34	0.35	0.35	0.37	0.38	0.39	0.40	0.40	0.41
6–8 years	675	0.38	0.02	0.001	0.34	0.34	0.35	0.36	0.37	0.38	0.40	0.40	0.41	0.42	0.42
9–11 years	734	0.39	0.02	0.001	0.35	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.42	0.43
12–14 years	621	0.40	0.03	0.002	0.34	0.35	0.36	0.37	0.38	0.39	0.41	0.42	0.43	0.44	0.44
15–19 years	950	0.39	0.03	0.002	0.33	0.34	0.36	0.36	0.38	0.39	0.41	0.42	0.42	0.43	0.44
20–29 years	1,769	0.39	0.03	0.001	0.33	0.34	0.36	0.36	0.37	0.39	0.41	0.42	0.43	0.43	0.44
30–39 years	1,757	0.39	0.03	0.001	0.33	0.34	0.36	0.36	0.38	0.39	0.41	0.42	0.43	0.44	0.45
40–49 years	1,303	0.39	0.03	0.002	0.33	0.34	0.36	0.37	0.38	0.39	0.41	0.42	0.43	0.44	0.45
50–59 years	969	0.40	0.03	0.002	0.35	0.35	0.36	0.37	0.38	0.40	0.42	0.43	0.44	0.45	0.46
60–69 years	1,111	0.40	0.03	0.002	0.34	0.35	0.36	0.37	0.38	0.40	0.42	0.43	0.44	0.45	0.46
70 years and over	1,663	0.40	0.03	0.001	0.33	0.34	0.36	0.37	0.38	0.40	0.42	0.43	0.44	0.45	0.46
Non-Hispanic white															
1 year and over	5,029	0.40	0.03	0.001	0.34	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.43	0.44	0.45
1–2 years	270	0.36	0.02	0.002	*	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.39	*
3–5 years	332	0.37	0.02	0.001	*	0.34	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.40	*
6–8 years	175	0.38	0.02	0.002	*	*	0.36	0.36	0.37	0.38	0.40	0.40	0.41	*	*
9–11 years	186	0.39	0.02	0.002	*	*	0.36	0.37	0.38	0.39	0.41	0.41	0.42	*	*
12–14 years	154	0.40	0.03	0.003	*	*	0.37	0.37	0.38	0.40	0.41	0.42	0.43	*	*
15–19 years	270	0.40	0.03	0.002	*	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.42	0.44	*
20–29 years	477	0.39	0.03	0.002	*	0.35	0.36	0.36	0.38	0.39	0.41	0.42	0.43	0.44	*
30–39 years	572	0.40	0.03	0.001	*	0.35	0.36	0.37	0.38	0.40	0.41	0.43	0.43	0.45	*
40–49 years	457	0.40	0.03	0.002	*	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.43	0.44	*
50–59 years	473	0.40	0.03	0.002	*	0.36	0.37	0.38	0.39	0.40	0.42	0.43	0.44	0.45	*
60–69 years	473	0.40	0.03	0.002	*	0.35	0.37	0.37	0.38	0.40	0.42	0.43	0.44	0.45	*
70 years and over	1,190	0.40	0.03	0.001	*	0.35	0.36	0.37	0.38	0.40	0.42	0.43	0.44	0.45	*
Non-Hispanic black															
1 year and over	4,116	0.38	0.03	0.001	0.31	0.33	0.34	0.35	0.36	0.38	0.40	0.41	0.41	0.43	0.43
1–2 years	265	0.36	0.02	0.002	*	0.32	0.33	0.33	0.34	0.36	0.37	0.38	0.39	0.39	*
3–5 years	433	0.36	0.02	0.001	*	0.33	0.34	0.34	0.35	0.36	0.38	0.39	0.39	0.40	*
6–8 years	220	0.37	0.02	0.002	*	*	0.35	0.35	0.36	0.37	0.39	0.39	0.40	*	*
9–11 years	252	0.38	0.02	0.002	*	0.35	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	*
12–14 years	220	0.38	0.02	0.002	*	*	0.35	0.36	0.36	0.38	0.39	0.40	0.41	*	*
15–19 years	326	0.37	0.03	0.002	*	0.33	0.34	0.35	0.36	0.37	0.39	0.40	0.41	0.42	*
20–29 years	589	0.38	0.03	0.002	*	0.32	0.34	0.35	0.36	0.38	0.40	0.41	0.41	0.43	*
30–39 years	602	0.38	0.03	0.002	*	0.32	0.34	0.35	0.36	0.38	0.40	0.41	0.41	0.42	*
40–49 years	425	0.38	0.04	0.002	*	0.31	0.34	0.34	0.36	0.38	0.40	0.41	0.42	0.43	*
50–59 years	256	0.39	0.03	0.002	*	0.34	0.36	0.36	0.37	0.39	0.41	0.42	0.43	0.44	*
60–69 years	276	0.39	0.03	0.002	*	0.34	0.35	0.36	0.37	0.39	0.41	0.42	0.42	0.43	*
70 years and over	252	0.38	0.04	0.003	*	0.31	0.33	0.34	0.36	0.38	0.40	0.42	0.43	0.44	*
Mexican American															
1 year and over	3,994	0.39	0.03	0.001	0.32	0.34	0.35	0.36	0.37	0.39	0.41	0.42	0.42	0.43	0.44
1–2 years	285	0.36	0.02	0.002	*	*	0.34	0.34	0.35	0.36	0.37	0.39	0.39	*	*
3–5 years	506	0.37	0.02	0.002	*	0.34	0.34	0.35	0.36	0.37	0.39	0.39	0.40	0.41	*
6–8 years	257	0.38	0.02	0.002	*	*	0.35	0.36	0.37	0.38	0.40	0.40	0.41	*	*
9–11 years	265	0.39	0.02	0.002	*	*	0.36	0.37	0.37	0.39	0.40	0.41	0.42	*	*
12–14 years	218	0.39	0.02	0.003	*	*	0.36	0.37	0.38	0.39	0.41	0.42	0.42	*	*
15–19 years	297	0.39	0.03	0.003	*	0.34	0.35	0.36	0.37	0.39	0.41	0.42	0.42	0.43	*
20–29 years	632	0.39	0.03	0.002	*	0.34	0.35	0.36	0.37	0.39	0.41	0.42	0.42	0.43	*
30–39 years	504	0.39	0.03	0.002	*	0.33	0.35	0.36	0.37	0.39	0.41	0.42	0.42	0.43	*
40–49 years	356	0.39	0.04	0.003	*	0.31	0.34	0.36	0.37	0.39	0.41	0.42	0.43	0.44	*
50–59 years	185	0.40	0.03	0.004	*	*	0.36	0.37	0.38	0.41	0.42	0.43	0.44	*	*
60–69 years	317	0.40	0.03	0.003	*	0.35	0.36	0.37	0.38	0.40	0.42	0.43	0.44	0.45	*
70 years and over	172	0.40	0.04	0.005	*	*	0.36	0.37	0.39	0.40	0.43	0.43	0.45	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 7. Red blood cell count as 10¹² cells per liter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,370	4.66	0.45	0.011	3.83	3.96	4.11	4.20	4.36	4.65	4.96	5.13	5.26	5.42	5.59
1–2 years	1,789	4.52	0.34	0.016	3.94	4.01	4.11	4.17	4.28	4.51	4.73	4.86	4.96	5.13	5.30
3–5 years	2,618	4.50	0.33	0.013	3.96	4.02	4.12	4.17	4.28	4.47	4.69	4.81	4.90	5.06	5.19
6–8 years	1,384	4.58	0.30	0.016	3.98	4.09	4.20	4.28	4.38	4.59	4.78	4.87	4.93	5.06	5.17
9–11 years	1,507	4.66	0.31	0.016	4.09	4.17	4.30	4.36	4.45	4.66	4.87	4.98	5.03	5.19	5.26
12–14 years	1,161	4.77	0.40	0.023	4.05	4.16	4.30	4.37	4.49	4.76	5.02	5.15	5.27	5.44	5.60
15–19 years	1,786	4.76	0.47	0.021	3.92	4.07	4.18	4.28	4.44	4.76	5.08	5.26	5.37	5.52	5.66
20–29 years	3,331	4.74	0.51	0.017	3.82	3.96	4.09	4.19	4.37	4.76	5.10	5.30	5.40	5.58	5.74
30–39 years	3,158	4.71	0.47	0.016	3.83	3.97	4.13	4.23	4.36	4.70	5.05	5.21	5.32	5.48	5.63
40–49 years	2,467	4.66	0.45	0.018	3.83	3.92	4.08	4.17	4.34	4.66	4.96	5.13	5.24	5.38	5.50
50–59 years	1,802	4.67	0.44	0.020	3.83	3.96	4.10	4.23	4.37	4.67	4.93	5.10	5.21	5.38	5.56
60–69 years	2,241	4.61	0.46	0.019	3.77	3.93	4.06	4.16	4.30	4.59	4.90	5.05	5.15	5.36	5.55
70 years and over	3,126	4.51	0.47	0.016	3.56	3.77	3.96	4.08	4.21	4.50	4.80	4.98	5.09	5.28	5.45
Non-Hispanic white															
1 year and over	9,520	4.66	0.44	0.012	3.84	3.97	4.12	4.20	4.35	4.64	4.95	5.12	5.24	5.40	5.56
1–2 years	567	4.47	0.31	0.017	*	4.01	4.09	4.15	4.26	4.46	4.66	4.77	4.83	4.98	*
3–5 years	655	4.46	0.29	0.015	*	4.02	4.11	4.15	4.24	4.43	4.65	4.76	4.84	4.96	*
6–8 years	365	4.57	0.28	0.020	*	4.09	4.20	4.28	4.38	4.58	4.77	4.85	4.92	5.01	*
9–11 years	386	4.68	0.29	0.020	*	4.21	4.31	4.38	4.46	4.67	4.87	5.00	5.03	5.19	*
12–14 years	293	4.79	0.39	0.030	*	*	4.32	4.39	4.50	4.77	5.04	5.16	5.28	*	*
15–19 years	465	4.76	0.44	0.027	*	4.09	4.19	4.29	4.44	4.78	5.08	5.25	5.34	5.47	*
20–29 years	858	4.74	0.50	0.023	*	3.96	4.08	4.18	4.37	4.77	5.09	5.27	5.39	5.58	*
30–39 years	1,007	4.71	0.45	0.019	*	3.97	4.14	4.24	4.37	4.70	5.04	5.19	5.30	5.48	*
40–49 years	871	4.67	0.43	0.020	*	3.95	4.12	4.20	4.37	4.67	4.97	5.13	5.23	5.37	*
50–59 years	883	4.66	0.42	0.019	*	3.96	4.11	4.23	4.37	4.67	4.92	5.09	5.20	5.37	*
60–69 years	966	4.61	0.45	0.019	*	3.94	4.08	4.16	4.30	4.59	4.90	5.05	5.13	5.37	*
70 years and over	2,204	4.52	0.45	0.013	*	3.81	3.98	4.09	4.23	4.51	4.81	4.98	5.09	5.27	*
Non-Hispanic black															
1 year and over	7,749	4.62	0.50	0.012	3.70	3.85	4.02	4.13	4.29	4.60	4.94	5.13	5.28	5.46	5.67
1–2 years	540	4.60	0.39	0.022	*	4.01	4.10	4.20	4.34	4.58	4.84	5.04	5.13	5.24	*
3–5 years	852	4.53	0.36	0.016	*	4.01	4.08	4.16	4.29	4.49	4.76	4.88	4.98	5.13	*
6–8 years	449	4.60	0.35	0.022	*	4.06	4.17	4.24	4.39	4.60	4.82	4.93	5.04	5.19	*
9–11 years	519	4.60	0.37	0.022	*	4.11	4.22	4.29	4.38	4.58	4.84	4.95	5.02	5.16	*
12–14 years	404	4.64	0.43	0.028	*	4.04	4.13	4.23	4.36	4.62	4.91	5.09	5.20	5.32	*
15–19 years	624	4.73	0.52	0.028	*	3.95	4.10	4.19	4.37	4.71	5.07	5.28	5.39	5.63	*
20–29 years	1,052	4.70	0.55	0.023	*	3.83	3.98	4.12	4.30	4.66	5.08	5.28	5.38	5.62	*
30–39 years	1,063	4.63	0.54	0.022	*	3.80	3.99	4.10	4.26	4.60	4.98	5.19	5.31	5.55	*
40–49 years	761	4.60	0.52	0.025	*	3.80	3.94	4.05	4.23	4.58	4.95	5.14	5.30	5.49	*
50–59 years	463	4.64	0.51	0.032	*	3.93	4.03	4.14	4.29	4.62	4.93	5.16	5.30	5.55	*
60–69 years	550	4.56	0.52	0.029	*	3.73	3.96	4.06	4.22	4.56	4.88	5.08	5.20	5.42	*
70 years and over	472	4.42	0.55	0.034	*	3.41	3.72	3.92	4.11	4.43	4.77	4.95	5.05	5.22	*
Mexican American															
1 year and over	7,945	4.72	0.45	0.018	3.88	4.00	4.15	4.26	4.40	4.70	5.02	5.21	5.33	5.48	5.62
1–2 years	583	4.59	0.36	0.026	*	4.05	4.13	4.19	4.33	4.60	4.81	4.94	5.05	5.20	*
3–5 years	972	4.50	0.33	0.018	*	4.02	4.13	4.20	4.28	4.49	4.69	4.81	4.88	5.02	*
6–8 years	507	4.56	0.32	0.024	*	4.08	4.19	4.25	4.34	4.55	4.77	4.90	4.96	5.15	*
9–11 years	537	4.68	0.34	0.025	*	4.17	4.26	4.33	4.44	4.66	4.88	5.01	5.05	5.28	*
12–14 years	409	4.71	0.37	0.031	*	4.10	4.23	4.32	4.46	4.71	4.92	5.06	5.19	5.31	*
15–19 years	601	4.83	0.50	0.035	*	4.01	4.19	4.31	4.50	4.80	5.20	5.35	5.45	5.63	*
20–29 years	1,279	4.80	0.50	0.024	*	3.96	4.14	4.27	4.44	4.84	5.16	5.32	5.42	5.58	*
30–39 years	954	4.76	0.50	0.028	*	3.94	4.09	4.19	4.41	4.76	5.12	5.29	5.38	5.52	*
40–49 years	725	4.74	0.44	0.028	*	4.01	4.16	4.26	4.44	4.75	5.05	5.23	5.31	5.46	*
50–59 years	360	4.75	0.43	0.039	*	4.01	4.16	4.27	4.46	4.77	5.04	5.19	5.32	5.43	*
60–69 years	647	4.63	0.44	0.030	*	3.88	4.07	4.19	4.35	4.62	4.89	5.06	5.16	5.40	*
70 years and over	371	4.61	0.48	0.043	*	3.91	4.03	4.19	4.30	4.59	4.91	5.07	5.23	5.53	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 8. Red blood cell count as 10¹² cells per liter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,623	4.90	0.42	0.014	4.09	4.23	4.38	4.48	4.63	4.91	5.16	5.32	5.41	5.58	5.72
1–2 years	931	4.55	0.34	0.020	3.94	4.05	4.12	4.20	4.30	4.54	4.76	4.88	4.98	5.13	5.24
3–5 years	1,281	4.51	0.34	0.017	3.96	4.02	4.13	4.18	4.29	4.47	4.69	4.84	4.95	5.07	5.24
6–8 years	709	4.60	0.29	0.019	3.99	4.11	4.25	4.30	4.44	4.60	4.80	4.88	4.95	5.06	5.15
9–11 years	773	4.71	0.32	0.020	4.13	4.23	4.32	4.39	4.47	4.70	4.92	5.02	5.10	5.21	5.30
12–14 years	540	4.93	0.39	0.030	4.25	4.34	4.44	4.52	4.66	4.90	5.16	5.31	5.44	5.58	5.70
15–19 years	836	5.06	0.37	0.023	4.36	4.48	4.62	4.71	4.80	5.04	5.31	5.41	5.52	5.66	5.81
20–29 years	1,562	5.11	0.36	0.016	4.44	4.53	4.66	4.79	4.88	5.08	5.34	5.48	5.59	5.75	5.84
30–39 years	1,401	5.02	0.36	0.017	4.34	4.47	4.57	4.66	4.80	5.01	5.27	5.37	5.48	5.63	5.73
40–49 years	1,164	4.93	0.38	0.020	4.15	4.36	4.51	4.60	4.70	4.94	5.17	5.31	5.37	5.49	5.61
50–59 years	833	4.89	0.40	0.025	4.08	4.28	4.39	4.51	4.66	4.88	5.11	5.27	5.38	5.54	5.68
60–69 years	1,130	4.80	0.44	0.023	3.86	4.06	4.27	4.36	4.51	4.81	5.07	5.21	5.33	5.52	5.69
70 years and over	1,463	4.67	0.50	0.023	3.55	3.87	4.09	4.20	4.38	4.67	5.01	5.16	5.28	5.45	5.63
Non-Hispanic white															
1 year and over	4,491	4.89	0.40	0.016	4.11	4.25	4.38	4.48	4.63	4.91	5.16	5.30	5.39	5.55	5.66
1–2 years	297	4.50	0.32	0.023	*	4.05	4.12	4.18	4.29	4.51	4.69	4.79	4.88	5.00	*
3–5 years	323	4.46	0.28	0.019	*	4.02	4.13	4.17	4.27	4.42	4.64	4.76	4.84	4.96	*
6–8 years	190	4.60	0.26	0.024	*	*	4.26	4.31	4.45	4.59	4.79	4.87	4.93	*	*
9–11 years	200	4.72	0.29	0.025	*	*	4.35	4.40	4.48	4.72	4.94	5.02	5.10	*	*
12–14 years	139	4.93	0.38	0.040	*	*	4.45	4.52	4.67	4.91	5.16	5.31	5.43	*	*
15–19 years	195	5.05	0.33	0.029	*	*	4.66	4.73	4.83	5.04	5.30	5.39	5.47	*	*
20–29 years	381	5.11	0.35	0.022	*	4.53	4.67	4.81	4.87	5.07	5.34	5.48	5.58	5.73	*
30–39 years	435	5.01	0.34	0.020	*	4.47	4.56	4.65	4.80	4.98	5.24	5.34	5.47	5.59	*
40–49 years	414	4.93	0.35	0.021	*	4.38	4.52	4.61	4.72	4.93	5.16	5.30	5.37	5.48	*
50–59 years	410	4.87	0.37	0.023	*	4.29	4.40	4.54	4.66	4.88	5.09	5.24	5.34	5.48	*
60–69 years	493	4.80	0.43	0.024	*	4.06	4.29	4.36	4.51	4.81	5.07	5.18	5.35	5.52	*
70 years and over	1,014	4.69	0.49	0.019	*	3.90	4.13	4.23	4.40	4.68	5.01	5.15	5.27	5.45	*
Non-Hispanic black															
1 year and over	3,633	4.87	0.49	0.017	3.94	4.10	4.27	4.40	4.56	4.86	5.18	5.35	5.46	5.67	5.87
1–2 years	275	4.60	0.39	0.029	*	4.01	4.09	4.20	4.29	4.59	4.84	5.02	5.13	5.27	*
3–5 years	419	4.54	0.34	0.020	*	4.03	4.10	4.17	4.29	4.52	4.77	4.88	4.94	5.11	*
6–8 years	229	4.62	0.37	0.030	*	4.06	4.13	4.27	4.41	4.63	4.83	4.94	5.10	5.34	*
9–11 years	267	4.60	0.42	0.032	*	4.09	4.20	4.28	4.38	4.62	4.88	4.98	5.12	5.23	*
12–14 years	184	4.81	0.45	0.041	*	*	4.28	4.42	4.52	4.77	5.10	5.20	5.31	*	*
15–19 years	298	5.05	0.42	0.029	*	4.47	4.57	4.65	4.79	5.00	5.33	5.49	5.63	5.77	*
20–29 years	463	5.09	0.42	0.024	*	4.46	4.57	4.63	4.80	5.07	5.34	5.48	5.62	5.85	*
30–39 years	461	4.99	0.46	0.026	*	4.30	4.48	4.60	4.73	4.98	5.27	5.42	5.55	5.76	*
40–49 years	336	4.91	0.48	0.032	*	4.12	4.31	4.46	4.61	4.92	5.23	5.42	5.52	5.63	*
50–59 years	207	4.87	0.53	0.045	*	*	4.17	4.31	4.52	4.87	5.23	5.39	5.55	*	*
60–69 years	274	4.74	0.56	0.041	*	3.80	4.05	4.19	4.38	4.75	5.10	5.29	5.42	5.66	*
70 years and over	220	4.60	0.57	0.047	*	*	3.92	4.07	4.25	4.63	4.94	5.12	5.23	*	*
Mexican American															
1 year and over	3,951	4.96	0.41	0.022	4.16	4.27	4.42	4.53	4.69	4.95	5.23	5.37	5.46	5.61	5.73
1–2 years	298	4.61	0.37	0.034	*	*	4.16	4.20	4.33	4.62	4.84	4.96	5.09	*	*
3–5 years	466	4.53	0.33	0.024	*	4.08	4.16	4.23	4.30	4.51	4.69	4.81	4.92	5.12	*
6–8 years	250	4.58	0.32	0.031	*	*	4.22	4.27	4.36	4.56	4.81	4.91	4.98	*	*
9–11 years	272	4.75	0.36	0.034	*	*	4.31	4.38	4.48	4.73	4.95	5.06	5.20	*	*
12–14 years	191	4.91	0.32	0.036	*	*	4.49	4.56	4.67	4.88	5.09	5.26	5.32	*	*
15–19 years	304	5.15	0.36	0.032	*	4.61	4.67	4.76	4.88	5.15	5.37	5.55	5.62	5.81	*
20–29 years	647	5.12	0.33	0.020	*	4.61	4.74	4.79	4.90	5.11	5.34	5.48	5.55	5.70	*
30–39 years	450	5.09	0.35	0.026	*	4.55	4.66	4.73	4.87	5.09	5.33	5.43	5.52	5.58	*
40–49 years	369	5.01	0.36	0.029	*	4.37	4.59	4.66	4.78	5.01	5.24	5.35	5.45	5.63	*
50–59 years	175	4.97	0.38	0.046	*	*	4.51	4.64	4.77	4.96	5.28	5.36	5.43	*	*
60–69 years	330	4.85	0.40	0.034	*	4.17	4.35	4.47	4.60	4.86	5.08	5.25	5.39	5.52	*
70 years and over	199	4.75	0.52	0.058	*	*	4.16	4.26	4.38	4.73	5.04	5.30	5.53	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 9. Red blood cell count as 10¹² cells per liter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,747	4.44	0.36	0.012	3.75	3.87	4.00	4.09	4.20	4.43	4.67	4.80	4.88	5.02	5.15
1–2 years	858	4.50	0.34	0.021	3.92	4.00	4.09	4.15	4.26	4.48	4.70	4.83	4.94	5.12	5.32
3–5 years	1,337	4.49	0.32	0.016	3.94	4.02	4.10	4.15	4.26	4.48	4.68	4.80	4.88	5.00	5.16
6–8 years	675	4.56	0.31	0.022	3.94	4.08	4.16	4.24	4.34	4.57	4.76	4.86	4.92	5.05	5.19
9–11 years	734	4.62	0.30	0.020	4.06	4.13	4.26	4.33	4.43	4.61	4.81	4.91	4.97	5.12	5.25
12–14 years	621	4.59	0.32	0.023	3.97	4.05	4.16	4.28	4.37	4.57	4.83	4.94	5.02	5.13	5.15
15–19 years	950	4.47	0.35	0.021	3.74	3.92	4.08	4.13	4.25	4.46	4.70	4.83	4.94	5.06	5.15
20–29 years	1,769	4.38	0.35	0.015	3.68	3.83	3.96	4.03	4.13	4.38	4.62	4.74	4.84	4.94	5.07
30–39 years	1,757	4.40	0.35	0.015	3.72	3.84	3.97	4.07	4.19	4.38	4.61	4.74	4.83	4.98	5.13
40–49 years	1,303	4.39	0.34	0.017	3.79	3.86	3.96	4.05	4.16	4.38	4.62	4.75	4.84	4.95	5.10
50–59 years	969	4.46	0.37	0.022	3.81	3.88	4.01	4.08	4.23	4.45	4.71	4.82	4.91	5.10	5.20
60–69 years	1,111	4.45	0.41	0.022	3.61	3.85	4.03	4.09	4.19	4.42	4.70	4.83	4.89	5.06	5.26
70 years and over	1,663	4.40	0.40	0.018	3.56	3.77	3.91	4.01	4.14	4.40	4.65	4.81	4.89	5.06	5.17
Non-Hispanic white															
1 year and over	5,029	4.43	0.35	0.013	3.78	3.88	4.01	4.09	4.20	4.42	4.67	4.80	4.88	5.00	5.13
1–2 years	270	4.43	0.30	0.024	*	3.99	4.07	4.13	4.24	4.41	4.63	4.75	4.80	4.94	*
3–5 years	332	4.45	0.30	0.022	*	4.02	4.09	4.13	4.23	4.44	4.66	4.75	4.84	4.94	*
6–8 years	175	4.54	0.30	0.030	*	*	4.13	4.23	4.31	4.57	4.75	4.84	4.91	*	*
9–11 years	186	4.63	0.29	0.028	*	*	4.28	4.34	4.44	4.62	4.84	4.93	4.98	*	*
12–14 years	154	4.60	0.31	0.033	*	*	4.21	4.31	4.37	4.59	4.84	4.91	5.02	*	*
15–19 years	270	4.47	0.33	0.027	*	3.95	4.10	4.13	4.26	4.46	4.68	4.82	4.94	5.05	*
20–29 years	477	4.38	0.35	0.021	*	3.85	3.97	4.05	4.13	4.38	4.62	4.75	4.84	4.93	*
30–39 years	572	4.40	0.33	0.018	*	3.86	3.97	4.09	4.19	4.38	4.61	4.73	4.82	4.96	*
40–49 years	457	4.40	0.33	0.020	*	3.87	3.98	4.06	4.16	4.38	4.62	4.75	4.84	4.95	*
50–59 years	473	4.46	0.36	0.022	*	3.88	4.02	4.08	4.23	4.44	4.71	4.81	4.91	5.10	*
60–69 years	473	4.44	0.40	0.024	*	3.89	4.03	4.09	4.19	4.41	4.69	4.83	4.88	5.01	*
70 years and over	1,190	4.40	0.39	0.015	*	3.79	3.93	4.02	4.15	4.40	4.65	4.80	4.89	5.05	*
Non-Hispanic black															
1 year and over	4,116	4.41	0.41	0.013	3.59	3.76	3.92	4.01	4.16	4.41	4.66	4.82	4.93	5.09	5.23
1–2 years	265	4.60	0.39	0.028	*	4.01	4.10	4.20	4.36	4.56	4.84	5.04	5.14	5.23	*
3–5 years	433	4.51	0.37	0.021	*	3.99	4.07	4.13	4.29	4.48	4.73	4.88	5.02	5.18	*
6–8 years	220	4.58	0.33	0.026	*	*	4.19	4.24	4.37	4.58	4.80	4.89	4.99	*	*
9–11 years	252	4.59	0.32	0.024	*	4.15	4.22	4.30	4.39	4.57	4.80	4.92	4.97	5.12	*
12–14 years	220	4.50	0.34	0.027	*	*	4.06	4.10	4.28	4.47	4.69	4.81	4.95	*	*
15–19 years	326	4.40	0.39	0.025	*	3.78	3.96	4.04	4.16	4.38	4.65	4.79	4.88	5.06	*
20–29 years	589	4.37	0.42	0.020	*	3.75	3.85	3.94	4.09	4.36	4.62	4.79	4.91	5.09	*
30–39 years	602	4.33	0.40	0.020	*	3.71	3.83	3.97	4.09	4.32	4.56	4.70	4.81	4.96	*
40–49 years	425	4.35	0.41	0.024	*	3.70	3.83	3.94	4.06	4.35	4.62	4.79	4.87	5.05	*
50–59 years	256	4.45	0.40	0.030	*	3.89	3.99	4.07	4.19	4.44	4.69	4.83	4.94	5.13	*
60–69 years	276	4.43	0.44	0.031	*	3.69	3.88	4.02	4.14	4.44	4.69	4.87	4.95	5.13	*
70 years and over	252	4.31	0.50	0.038	*	3.36	3.57	3.80	4.04	4.37	4.63	4.81	4.93	5.05	*
Mexican American															
1 year and over	3,994	4.47	0.35	0.019	3.76	3.89	4.01	4.11	4.24	4.48	4.69	4.81	4.90	5.04	5.16
1–2 years	285	4.57	0.34	0.030	*	*	4.12	4.18	4.36	4.56	4.78	4.89	4.97	*	*
3–5 years	506	4.47	0.33	0.022	*	3.99	4.09	4.16	4.26	4.48	4.68	4.80	4.87	4.97	*
6–8 years	257	4.54	0.32	0.030	*	*	4.17	4.22	4.32	4.53	4.72	4.89	4.95	*	*
9–11 years	265	4.59	0.30	0.028	*	*	4.23	4.29	4.35	4.56	4.76	4.91	5.00	*	*
12–14 years	218	4.54	0.31	0.032	*	*	4.13	4.19	4.30	4.53	4.77	4.87	4.93	*	*
15–19 years	297	4.47	0.36	0.032	*	3.85	4.01	4.08	4.22	4.48	4.69	4.80	4.90	5.12	*
20–29 years	632	4.39	0.35	0.021	*	3.79	3.95	4.02	4.17	4.41	4.63	4.77	4.84	4.92	*
30–39 years	504	4.40	0.36	0.024	*	3.82	3.94	4.01	4.13	4.41	4.63	4.75	4.81	4.94	*
40–49 years	356	4.47	0.35	0.028	*	3.85	4.01	4.12	4.24	4.47	4.70	4.79	4.89	5.05	*
50–59 years	185	4.53	0.36	0.040	*	*	4.05	4.14	4.27	4.57	4.77	4.90	4.96	*	*
60–69 years	317	4.45	0.38	0.032	*	3.77	3.94	4.05	4.23	4.46	4.68	4.81	4.87	5.10	*
70 years and over	172	4.47	0.40	0.046	*	*	3.96	4.12	4.21	4.48	4.67	4.87	4.97	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 10. Mean cell volume in femtoliter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,371	88.5	5.5	0.115	76.8	79.5	81.9	83.3	85.4	88.9	92.0	93.7	94.8	96.8	98.6
1–2 years	1,789	79.5	4.5	0.198	68.5	71.3	74.0	75.3	77.4	80.1	82.4	83.5	84.3	85.9	86.9
3–5 years	2,618	82.0	4.1	0.149	71.6	75.7	77.7	78.8	80.2	82.4	84.5	85.8	86.6	87.8	88.6
6–8 years	1,384	83.3	3.8	0.188	74.8	76.5	78.6	80.0	81.4	83.6	85.8	87.0	87.5	88.6	89.6
9–11 years	1,507	84.0	3.8	0.181	75.2	77.8	79.8	80.8	82.0	84.1	86.5	87.8	88.6	89.9	91.0
12–14 years	1,161	85.7	4.1	0.225	76.3	78.5	80.8	81.9	83.2	86.0	88.6	89.7	90.4	91.5	92.8
15–19 years	1,786	88.0	4.4	0.191	78.9	81.3	82.8	83.9	85.3	88.2	90.9	92.2	93.3	94.8	95.6
20–29 years	3,331	89.0	4.3	0.137	80.4	82.3	84.0	85.2	86.7	89.1	91.7	93.3	94.1	95.5	96.9
30–39 years	3,158	89.5	4.9	0.162	78.4	81.8	84.2	85.3	87.0	89.9	92.3	93.9	94.7	96.6	98.0
40–49 years	2,467	90.0	5.2	0.194	78.5	81.8	84.5	85.8	87.3	90.3	92.9	94.9	96.1	97.8	98.9
50–59 years	1,802	90.5	4.9	0.213	80.3	82.8	85.0	86.1	87.8	90.5	93.3	95.0	96.2	98.5	100.1
60–69 years	2,242	90.9	5.2	0.202	80.8	83.3	85.3	86.3	88.0	90.9	93.9	95.6	97.1	98.9	100.8
70 years and over	3,126	91.2	5.1	0.170	80.8	83.3	85.5	86.8	88.3	91.3	94.3	96.1	97.3	99.2	101.0
Non-Hispanic white															
1 year and over	9,520	89.2	5.0	0.129	79.2	81.1	83.0	84.3	86.3	89.4	92.3	94.0	95.1	97.1	98.8
1–2 years	567	80.3	3.8	0.229	*	73.8	75.3	76.9	78.4	80.6	82.7	83.7	84.7	86.3	*
3–5 years	655	82.9	3.0	0.172	*	78.0	79.4	79.8	80.9	82.7	84.8	86.1	86.9	87.9	*
6–8 years	365	83.8	3.3	0.248	*	78.3	79.9	80.9	82.1	83.9	85.8	87.1	87.5	88.4	*
9–11 years	386	84.3	3.4	0.249	*	79.5	80.8	81.3	82.2	84.1	86.6	87.8	88.5	89.8	*
12–14 years	293	86.0	3.9	0.328	*	*	81.4	82.2	83.5	86.4	88.8	89.7	90.2	*	*
15–19 years	465	88.6	3.8	0.258	*	82.4	83.9	84.6	86.0	88.8	91.2	92.3	93.6	95.0	*
20–29 years	858	89.5	3.8	0.189	*	83.5	85.1	86.0	87.2	89.2	91.9	93.4	94.1	95.6	*
30–39 years	1,007	90.1	4.2	0.191	*	84.1	85.3	86.2	87.7	90.3	92.6	93.9	94.7	96.6	*
40–49 years	871	90.5	4.6	0.224	*	83.8	85.7	86.4	87.9	90.5	93.2	94.9	96.1	97.8	*
50–59 years	883	90.9	4.5	0.222	*	84.1	85.6	86.7	88.3	90.8	93.5	95.3	96.8	98.8	*
60–69 years	966	91.2	5.0	0.236	*	83.8	85.8	86.6	88.2	91.1	94.1	95.8	97.3	99.1	*
70 years and over	2,204	91.5	5.0	0.154	*	84.2	86.0	87.1	88.6	91.5	94.3	96.2	97.4	99.3	*
Non-Hispanic black															
1 year and over	7,749	85.9	6.6	0.142	71.3	74.3	77.6	79.5	82.0	86.1	90.4	92.4	93.7	95.7	97.6
1–2 years	540	77.7	5.5	0.291	*	67.9	70.5	72.0	74.4	78.3	81.4	83.1	83.9	85.7	*
3–5 years	852	80.3	5.2	0.220	*	69.6	74.0	75.8	77.7	81.1	83.6	85.3	86.3	87.5	*
6–8 years	449	81.5	4.8	0.281	*	74.0	75.8	77.2	78.6	81.8	85.1	86.4	87.1	88.4	*
9–11 years	519	82.8	4.7	0.253	*	74.8	77.0	78.0	80.1	83.5	85.7	87.3	88.3	89.4	*
12–14 years	404	84.1	5.4	0.335	*	74.2	76.8	78.9	80.9	84.4	87.8	89.4	90.4	92.3	*
15–19 years	624	85.9	5.6	0.277	*	76.1	78.8	80.6	82.9	86.4	89.6	91.2	92.3	94.1	*
20–29 years	1,052	86.9	5.8	0.222	*	76.7	79.9	81.7	83.3	87.6	90.8	92.3	93.4	95.3	*
30–39 years	1,063	87.4	6.6	0.249	*	75.0	79.2	81.2	84.0	88.0	92.0	93.7	94.6	96.7	*
40–49 years	761	87.7	7.0	0.312	*	74.4	79.4	81.5	83.7	88.5	92.4	94.7	95.7	97.4	*
50–59 years	463	88.1	5.9	0.342	*	77.7	80.8	82.6	84.6	88.6	92.0	93.8	95.1	97.2	*
60–69 years	550	88.2	6.1	0.323	*	77.5	81.0	82.6	84.7	88.5	91.9	93.8	95.1	97.8	*
70 years and over	472	88.4	6.2	0.351	*	77.3	81.0	82.7	84.7	88.8	92.0	94.2	95.5	97.9	*
Mexican American															
1 year and over	7,945	87.3	5.6	0.187	75.3	78.3	80.6	82.0	84.1	87.7	91.0	92.6	93.6	95.4	96.8
1–2 years	583	78.9	5.5	0.374	*	69.0	72.1	75.0	76.9	80.0	82.3	83.3	83.9	85.9	*
3–5 years	972	82.6	3.8	0.200	*	76.6	78.3	79.3	80.5	82.6	84.9	86.0	86.7	88.0	*
6–8 years	507	84.0	3.6	0.260	*	78.0	79.8	80.6	81.9	84.2	86.3	87.6	88.2	89.4	*
9–11 years	537	84.3	4.3	0.303	*	78.3	79.7	80.2	81.5	84.7	87.1	88.1	89.4	90.4	*
12–14 years	409	86.2	4.1	0.335	*	79.7	81.1	82.1	83.6	86.3	88.9	90.6	91.3	92.1	*
15–19 years	601	87.5	4.8	0.323	*	79.6	81.5	83.2	84.7	87.9	91.0	92.3	93.1	94.2	*
20–29 years	1,279	89.0	4.4	0.204	*	81.6	83.8	85.0	86.6	89.4	91.8	93.1	93.8	95.6	*
30–39 years	954	89.0	5.1	0.273	*	80.8	83.3	84.7	86.6	89.6	92.1	93.5	94.4	96.2	*
40–49 years	725	88.6	6.2	0.377	*	77.6	82.8	84.3	86.1	89.3	92.1	94.0	95.3	97.1	*
50–59 years	360	89.5	4.6	0.394	*	82.0	84.6	85.5	87.3	89.7	92.4	94.0	94.6	95.8	*
60–69 years	647	90.5	4.7	0.305	*	83.0	84.9	86.3	87.9	90.5	93.2	94.8	96.8	98.1	*
70 years and over	371	90.3	4.9	0.419	*	83.0	85.0	86.2	88.1	90.8	93.3	94.8	95.8	96.9	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 11. Mean cell volume in femtoliter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,623	88.5	5.4	0.16	77.5	79.7	82.0	83.4	85.5	88.8	91.9	93.6	94.9	96.7	98.6
1–2 years	931	79.2	4.5	0.25	67.9	70.5	73.2	74.7	77.3	79.9	82.1	83.3	84.0	85.2	86.1
3–5 years	1,281	81.8	4.3	0.20	71.5	75.1	77.5	78.8	80.1	82.1	84.2	85.5	86.5	87.8	88.6
6–8 years	709	83.2	4.0	0.25	73.6	76.3	78.4	79.9	81.3	83.5	85.8	87.1	87.5	88.6	89.1
9–11 years	773	83.9	3.7	0.22	74.7	77.7	79.8	80.7	82.0	83.9	86.0	87.5	88.0	89.7	90.9
12–14 years	540	85.3	4.0	0.29	77.2	78.6	80.7	81.5	82.9	85.5	88.3	89.3	89.8	90.9	92.0
15–19 years	836	88.3	3.9	0.22	81.2	82.0	83.8	84.4	85.6	88.2	90.8	92.0	92.8	94.4	95.5
20–29 years	1,562	88.9	3.9	0.16	81.1	82.8	84.3	85.3	86.6	88.9	91.4	92.9	93.6	95.4	96.6
30–39 years	1,401	89.5	4.3	0.19	81.4	82.9	84.6	85.6	87.0	89.6	91.9	93.4	94.4	96.5	97.9
40–49 years	1,164	90.4	4.7	0.23	81.3	83.7	85.6	86.1	87.6	90.5	92.9	94.7	95.9	97.6	99.1
50–59 years	833	90.8	4.8	0.27	81.4	84.1	85.6	86.3	88.1	90.9	93.6	95.2	96.5	98.6	100.3
60–69 years	1,130	91.5	5.1	0.25	82.3	83.6	85.5	86.8	88.3	91.5	94.6	96.3	97.4	99.1	100.9
70 years and over	1,463	91.8	5.6	0.24	79.6	83.1	85.8	87.2	89.0	91.9	95.1	96.7	97.7	99.7	102.0
Non-Hispanic white															
1 year and over	4,491	89.1	5.0	0.19	79.3	81.2	82.9	84.1	86.0	89.2	92.2	93.9	95.1	97.0	98.7
1–2 years	297	79.9	4.0	0.29	*	73.0	74.4	75.8	78.2	80.2	82.3	83.5	84.3	85.3	*
3–5 years	323	82.7	3.1	0.21	*	77.9	79.3	79.6	80.8	82.5	84.6	85.7	86.9	88.1	*
6–8 years	190	83.5	3.5	0.32	*	*	79.6	80.5	81.8	83.6	85.8	87.1	87.4	*	*
9–11 years	200	84.1	3.1	0.28	*	*	80.6	81.6	82.3	83.9	85.8	87.5	87.9	*	*
12–14 years	139	85.5	3.8	0.40	*	*	81.0	81.7	83.0	85.6	88.4	89.3	89.7	*	*
15–19 years	195	88.6	3.5	0.32	*	*	84.3	84.9	85.9	88.5	91.3	92.0	92.8	*	*
20–29 years	381	89.1	3.6	0.23	*	83.5	84.8	85.8	86.7	88.8	91.5	93.1	93.6	95.5	*
30–39 years	435	89.8	3.8	0.23	*	84.1	85.2	85.8	87.3	89.7	91.9	93.3	94.3	96.3	*
40–49 years	414	90.7	4.3	0.27	*	85.1	86.0	86.8	87.9	90.6	93.0	94.6	95.6	97.4	*
50–59 years	410	91.3	4.4	0.27	*	84.8	85.9	86.8	88.5	91.2	93.8	95.3	96.9	98.8	*
60–69 years	493	91.7	5.0	0.28	*	83.8	86.0	87.2	88.6	91.7	94.9	96.3	97.5	99.1	*
70 years and over	1,014	92.0	5.5	0.22	*	84.2	86.2	87.3	89.2	92.1	95.2	96.7	97.8	99.7	*
Non-Hispanic black															
1 year and over	3,633	86.2	6.6	0.21	71.9	74.5	77.7	79.8	82.3	86.4	90.6	92.6	94.0	96.2	98.1
1–2 years	275	77.4	5.5	0.38	*	67.9	70.1	71.5	74.0	78.2	81.3	83.1	84.3	85.8	*
3–5 years	419	80.0	5.3	0.30	*	69.2	73.6	75.5	77.5	80.8	83.3	85.0	86.0	87.5	*
6–8 years	229	81.7	5.0	0.37	*	73.5	76.3	77.6	78.8	81.8	85.4	86.5	87.5	88.8	*
9–11 years	267	82.9	4.8	0.33	*	74.7	76.9	78.1	80.2	83.3	85.9	87.5	88.6	89.3	*
12–14 years	184	83.6	5.4	0.45	*	*	76.3	78.1	80.7	83.9	87.1	89.4	90.6	*	*
15–19 years	298	86.7	5.1	0.33	*	77.3	80.6	81.8	83.7	87.2	90.0	91.2	92.1	94.5	*
20–29 years	463	87.6	5.3	0.28	*	78.8	81.0	82.6	84.6	88.5	91.0	92.3	93.5	95.4	*
30–39 years	461	87.8	6.3	0.33	*	75.8	80.4	81.8	84.3	88.8	92.1	93.7	94.7	97.1	*
40–49 years	336	88.8	6.6	0.41	*	76.8	81.5	82.9	85.0	88.9	93.2	95.7	96.9	99.0	*
50–59 years	207	88.8	5.8	0.46	*	*	81.3	83.6	85.6	88.7	92.7	94.6	95.9	*	*
60–69 years	274	88.8	6.7	0.46	*	77.0	80.9	82.9	85.3	89.1	93.3	95.2	96.6	99.7	*
70 years and over	220	88.7	6.0	0.46	*	*	80.6	83.1	85.7	89.5	92.1	94.5	95.9	*	*
Mexican American															
1 year and over	3,951	87.6	5.4	0.26	76.6	78.8	81.0	82.3	84.5	88.0	91.3	92.9	93.9	95.8	96.9
1–2 years	298	78.5	5.6	0.46	*	*	71.7	74.3	76.9	79.6	82.0	82.9	83.8	*	*
3–5 years	466	82.2	3.7	0.25	*	76.5	77.9	78.7	80.1	82.2	84.6	85.9	86.7	87.9	*
6–8 years	250	83.8	3.5	0.32	*	*	79.4	80.5	81.8	84.0	86.3	87.3	88.3	*	*
9–11 years	272	83.8	4.7	0.41	*	*	79.5	79.8	81.0	84.0	86.8	88.1	88.9	*	*
12–14 years	191	85.2	4.2	0.43	*	*	80.6	81.1	82.3	85.0	87.7	89.6	90.6	*	*
15–19 years	304	88.0	4.2	0.35	*	80.6	82.4	83.7	85.1	88.2	91.1	92.6	93.3	94.6	*
20–29 years	647	89.4	3.8	0.21	*	83.4	84.6	85.5	87.1	89.5	91.8	93.1	93.8	95.5	*
30–39 years	450	89.8	4.4	0.30	*	83.0	84.8	85.6	87.1	89.9	92.6	94.0	95.1	96.5	*
40–49 years	369	90.0	4.6	0.34	*	83.6	84.8	85.6	87.3	90.1	93.0	94.9	95.8	97.6	*
50–59 years	175	89.9	4.4	0.47	*	*	84.6	85.5	87.6	90.0	92.9	94.5	95.0	*	*
60–69 years	330	91.1	5.0	0.39	*	83.5	84.9	86.3	88.3	90.9	94.1	96.6	97.4	98.8	*
70 years and over	199	90.7	4.7	0.47	*	*	85.0	85.9	88.3	91.4	93.8	95.0	95.8	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 12. Mean cell volume in femtoliter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,748	88.5	5.6	0.16	76.3	79.3	81.8	83.2	85.4	89.0	92.0	93.8	94.8	96.8	98.6
1–2 years	858	79.8	4.5	0.25	69.1	72.6	74.6	75.7	77.5	80.5	82.7	83.7	84.7	86.6	87.1
3–5 years	1,337	82.3	4.0	0.18	71.6	76.0	77.8	78.8	80.3	82.6	84.9	86.0	86.7	87.7	88.5
6–8 years	675	83.6	3.6	0.23	75.4	77.0	78.8	80.5	81.6	83.9	85.7	87.0	87.6	88.6	89.7
9–11 years	734	84.2	3.9	0.24	75.8	77.8	79.9	80.9	82.1	84.4	86.9	88.1	88.9	90.0	91.1
12–14 years	621	86.2	4.2	0.28	75.9	78.3	81.2	82.1	83.9	86.4	89.0	90.1	90.9	92.1	93.0
15–19 years	950	87.8	4.7	0.25	77.5	80.3	82.1	83.3	84.9	88.1	90.9	92.3	93.6	95.0	96.6
20–29 years	1,769	89.1	4.6	0.18	79.2	81.8	83.7	85.1	86.8	89.3	92.0	93.4	94.2	95.5	97.3
30–39 years	1,757	89.5	5.5	0.22	76.1	80.2	83.8	85.0	87.0	90.2	92.9	94.1	95.0	96.6	98.7
40–49 years	1,303	89.6	5.6	0.26	76.7	80.4	83.4	84.8	86.8	90.0	92.8	95.0	96.1	97.8	98.6
50–59 years	969	90.1	5.0	0.27	79.1	82.1	84.4	85.6	87.6	90.2	92.9	94.8	96.1	98.4	100.0
60–69 years	1,112	90.4	5.1	0.26	79.6	82.9	84.9	86.1	87.6	90.6	93.6	94.4	96.2	98.7	100.8
70 years and over	1,663	90.8	4.8	0.20	80.9	83.3	85.2	86.6	88.0	90.8	93.7	95.5	97.0	98.7	100.3
Non-Hispanic white															
1 year and over	5,029	89.4	5.0	0.18	79.0	81.1	83.1	84.5	86.5	89.6	92.5	94.1	95.2	97.3	98.9
1–2 years	270	80.7	3.4	0.28	*	74.7	76.3	77.1	78.7	80.8	82.9	84.0	85.4	86.7	*
3–5 years	332	83.1	3.0	0.22	*	78.1	79.4	80.0	81.0	83.0	85.1	86.3	86.9	87.8	*
6–8 years	175	84.1	3.0	0.30	*	*	80.6	81.2	82.4	84.3	86.0	87.0	87.6	*	*
9–11 years	186	84.5	3.6	0.35	*	*	80.8	81.2	82.2	84.4	86.9	88.2	88.7	*	*
12–14 years	154	86.5	3.9	0.42	*	*	81.9	82.5	84.3	86.8	89.1	90.4	90.9	*	*
15–19 years	270	88.7	4.1	0.33	*	82.0	83.4	84.3	86.1	89.0	91.2	92.7	94.0	95.4	*
20–29 years	477	89.9	4.0	0.24	*	83.3	85.4	86.4	87.5	89.8	92.3	93.6	94.4	95.8	*
30–39 years	572	90.5	4.5	0.25	*	84.0	85.3	86.5	88.1	90.8	93.2	94.4	95.2	96.8	*
40–49 years	457	90.4	4.8	0.30	*	82.8	84.8	86.2	87.8	90.5	93.4	95.1	96.6	97.9	*
50–59 years	473	90.6	4.7	0.29	*	83.2	85.3	86.6	88.1	90.3	93.1	95.3	96.5	98.8	*
60–69 years	473	90.7	5.1	0.31	*	83.7	85.8	86.4	87.9	90.7	93.7	94.6	96.5	98.9	*
70 years and over	1,190	91.1	4.6	0.18	*	84.2	85.8	87.0	88.3	91.0	93.8	95.6	97.2	98.9	*
Non-Hispanic black															
1 year and over	4,116	85.6	6.6	0.20	70.6	74.0	77.4	79.2	81.8	86.0	90.1	92.3	93.5	95.3	97.0
1–2 years	265	77.9	5.4	0.40	*	67.9	70.6	73.0	74.8	78.5	81.4	83.0	83.7	85.3	*
3–5 years	433	80.7	5.0	0.29	*	69.7	74.3	76.2	78.1	81.3	84.1	85.6	86.5	87.8	*
6–8 years	220	81.3	4.7	0.38	*	*	75.5	76.8	78.3	81.8	84.2	86.2	87.0	*	*
9–11 years	252	82.7	4.5	0.34	*	75.3	77.2	77.9	80.0	83.6	85.5	87.0	87.9	89.4	*
12–14 years	220	84.5	5.4	0.44	*	*	77.9	79.9	81.5	85.0	88.5	89.6	90.4	*	*
15–19 years	326	85.1	6.0	0.40	*	73.6	78.1	79.2	82.0	85.6	89.2	91.2	92.3	93.7	*
20–29 years	589	86.3	6.2	0.30	*	75.1	79.2	80.9	82.7	87.0	90.6	92.3	93.4	95.2	*
30–39 years	602	87.0	6.8	0.33	*	73.9	78.5	80.6	83.4	87.6	91.6	93.7	94.6	96.1	*
40–49 years	425	86.8	7.1	0.42	*	73.6	78.3	80.1	82.9	88.0	91.6	93.6	95.3	96.3	*
50–59 years	256	87.6	6.0	0.45	*	76.9	80.6	82.5	84.1	88.3	91.5	93.1	94.1	96.0	*
60–69 years	276	87.7	5.7	0.41	*	77.6	81.0	82.6	84.5	88.1	91.3	93.1	94.1	96.5	*
70 years and over	252	88.2	6.2	0.47	*	77.2	81.1	82.4	84.5	87.9	92.0	94.1	95.1	98.3	*
Mexican American															
1 year and over	3,994	86.9	5.7	0.27	73.3	77.4	80.4	81.8	83.8	87.4	90.7	92.2	93.2	94.9	96.6
1–2 years	285	79.3	5.4	0.43	*	*	73.8	75.6	76.8	80.5	82.6	83.4	84.4	*	*
3–5 years	506	82.9	3.9	0.23	*	77.1	78.7	79.7	81.0	83.0	85.2	86.2	86.7	88.0	*
6–8 years	257	84.1	3.6	0.30	*	*	80.3	80.7	82.0	84.3	86.5	87.7	88.1	*	*
9–11 years	265	84.9	3.7	0.30	*	*	80.2	81.1	82.6	85.2	87.3	88.4	89.8	*	*
12–14 years	218	87.1	3.9	0.36	*	*	82.4	83.5	84.7	87.1	89.6	91.1	91.5	*	*
15–19 years	297	86.9	5.4	0.42	*	76.6	80.4	82.4	84.2	87.5	90.7	92.0	93.0	94.1	*
20–29 years	632	88.4	5.1	0.27	*	80.6	82.4	84.1	86.0	89.0	91.7	93.1	93.9	95.8	*
30–39 years	504	88.2	5.7	0.34	*	79.0	81.9	83.4	85.8	89.0	91.9	93.0	93.8	95.5	*
40–49 years	356	87.1	7.2	0.52	*	72.8	78.0	81.7	84.8	88.2	91.0	92.9	94.9	96.6	*
50–59 years	185	89.1	4.7	0.47	*	*	84.0	85.4	87.1	89.6	92.0	93.2	94.1	*	*
60–69 years	317	90.1	4.5	0.34	*	82.5	85.0	86.3	87.8	90.1	92.7	94.0	95.3	97.0	*
70 years and over	172	89.9	5.1	0.53	*	*	85.2	86.5	88.0	90.2	92.8	94.0	95.7	*	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 13. Mean cell hemoglobin in picogram for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,369	29.9	2.1	0.037	25.3	26.4	27.4	27.9	28.8	30.0	31.2	31.8	32.3	32.9	33.5
1–2 years	1,788	26.6	1.8	0.076	22.3	23.3	24.4	25.1	25.8	26.9	27.8	28.2	28.6	29.1	29.5
3–5 years	2,618	27.6	1.6	0.057	23.5	24.8	25.8	26.3	26.8	27.8	28.5	29.0	29.3	29.8	30.1
6–8 years	1,384	28.2	1.7	0.082	24.6	25.3	26.3	26.8	27.3	28.3	29.1	29.6	29.8	30.2	30.8
9–11 years	1,507	28.3	1.5	0.070	24.7	25.8	26.8	27.0	27.5	28.4	29.3	29.7	30.0	30.7	31.2
12–14 years	1,161	28.9	1.6	0.085	25.3	26.1	26.9	27.5	28.0	29.0	30.1	30.5	30.8	31.1	31.5
15–19 years	1,786	29.7	1.7	0.072	25.8	26.8	27.6	28.0	28.8	29.8	30.8	31.3	31.7	32.3	32.6
20–29 years	3,331	30.1	1.7	0.052	26.6	27.4	28.1	28.7	29.3	30.2	31.1	31.7	32.1	32.6	33.1
30–39 years	3,158	30.3	1.9	0.062	25.9	27.2	28.1	28.7	29.3	30.5	31.4	31.9	32.3	32.9	33.5
40–49 years	2,467	30.4	2.1	0.075	25.8	26.9	28.2	28.8	29.5	30.6	31.7	32.3	32.7	33.3	33.8
50–59 years	1,802	30.6	1.9	0.080	26.3	27.5	28.5	29.0	29.6	30.6	31.8	32.3	32.7	33.5	34.1
60–69 years	2,241	30.6	2.1	0.077	26.6	27.5	28.4	28.9	29.6	30.7	31.7	32.3	32.9	33.6	34.2
70 years and over	3,126	30.6	2.0	0.063	26.5	27.5	28.4	28.9	29.5	30.6	31.8	32.4	32.9	33.6	34.2
Non-Hispanic white															
1 year and over	9,520	30.2	1.9	0.036	26.5	27.1	27.9	28.4	29.1	30.3	31.4	32.0	32.4	33.0	33.7
1–2 years	567	27.0	1.5	0.080	*	24.4	25.3	25.7	26.3	27.1	27.9	28.4	28.8	29.1	*
3–5 years	655	28.0	1.1	0.058	*	26.3	26.6	26.8	27.3	27.9	28.7	29.1	29.4	29.9	*
6–8 years	365	28.5	1.6	0.108	*	26.4	27.0	27.3	27.7	28.4	29.2	29.6	29.9	30.3	*
9–11 years	386	28.5	1.3	0.087	*	26.7	27.0	27.3	27.7	28.5	29.4	29.8	30.0	30.8	*
12–14 years	293	29.0	1.5	0.113	*	*26.6	27.2	27.6	28.1	29.1	30.2	30.5	30.8	*31.1	*
15–19 years	465	30.0	1.5	0.088	*	27.6	28.1	28.4	29.1	30.0	30.9	31.4	31.8	32.3	*
20–29 years	858	30.4	1.5	0.065	*	28.1	28.8	29.1	29.5	30.3	31.3	31.9	32.2	32.7	*
30–39 years	1,007	30.6	1.6	0.066	*	28.1	28.8	29.1	29.6	30.7	31.5	32.0	32.3	32.9	*
40–49 years	871	30.7	1.8	0.080	*	27.9	28.8	29.3	29.8	30.8	31.8	32.3	32.8	33.4	*
50–59 years	883	30.8	1.7	0.075	*	28.2	29.0	29.3	29.8	30.8	31.9	32.5	32.8	33.6	*
60–69 years	966	30.8	2.0	0.083	*	28.1	28.6	29.1	29.7	30.9	31.8	32.4	32.9	33.6	*
70 years and over	2,204	30.7	1.9	0.052	*	27.9	28.6	29.1	29.6	30.8	31.9	32.5	33.0	33.7	*
Non-Hispanic black															
1 year and over	7,749	28.5	2.5	0.056	22.7	24.0	25.4	26.1	27.1	28.8	30.3	31.0	31.5	32.3	33.0
1–2 years	540	25.7	2.2	0.116	*	21.6	22.8	23.5	24.4	26.0	27.1	27.8	28.3	29.1	*
3–5 years	852	26.7	2.1	0.088	*	22.3	24.2	24.9	25.6	27.0	28.1	28.6	29.0	29.5	*
6–8 years	449	27.2	1.9	0.114	*	24.1	24.8	25.3	25.9	27.3	28.5	29.1	29.4	30.1	*
9–11 years	519	27.6	1.9	0.102	*	24.4	25.2	25.8	26.5	27.9	28.9	29.4	29.7	30.3	*
12–14 years	404	27.9	2.1	0.130	*	24.1	25.2	25.8	26.7	28.1	29.3	30.0	30.5	30.9	*
15–19 years	624	28.5	2.2	0.109	*	24.9	25.7	26.5	27.2	28.8	30.0	30.5	30.9	31.6	*
20–29 years	1,052	28.9	2.3	0.087	*	24.6	26.1	26.8	27.6	29.2	30.5	31.1	31.4	32.1	*
30–39 years	1,063	29.1	2.6	0.098	*	23.9	25.8	26.7	27.7	29.4	30.8	31.5	32.0	32.8	*
40–49 years	761	29.1	2.8	0.124	*	23.8	26.0	26.6	27.6	29.4	31.0	31.9	32.3	33.0	*
50–59 years	463	29.3	2.3	0.133	*	24.9	26.6	27.0	28.0	29.6	31.0	31.4	31.9	32.5	*
60–69 years	550	29.3	2.5	0.132	*	25.1	26.3	27.1	28.0	29.4	30.8	31.5	31.9	32.6	*
70 years and over	472	29.2	2.4	0.136	*	24.6	26.2	26.7	27.9	29.4	30.8	31.4	31.9	32.9	*
Mexican American															
1 year and over	7,944	29.4	2.1	0.045	24.7	25.9	27.0	27.5	28.3	29.6	30.9	31.5	31.9	32.4	33.0
1–2 years	582	26.3	2.2	0.129	*	22.2	23.6	24.7	25.6	26.8	27.6	28.0	28.3	29.2	*
3–5 years	972	27.8	1.5	0.067	*	25.3	26.1	26.5	27.0	27.9	28.7	29.1	29.4	29.8	*
6–8 years	507	28.4	1.4	0.086	*	26.3	26.7	27.1	27.6	28.4	29.3	29.6	29.9	30.3	*
9–11 years	537	28.5	1.8	0.107	*	25.6	26.7	27.0	27.5	28.6	29.5	30.1	30.4	31.0	*
12–14 years	409	29.1	1.5	0.107	*	26.5	27.3	27.6	28.2	29.1	30.1	30.7	31.0	31.5	*
15–19 years	601	29.5	1.9	0.110	*	26.0	27.2	27.7	28.5	29.8	30.8	31.3	31.6	32.0	*
20–29 years	1,279	30.1	1.7	0.069	*	27.3	28.1	28.6	29.2	30.3	31.2	31.7	31.9	32.5	*
30–39 years	954	30.0	2.0	0.092	*	26.9	28.0	28.5	29.2	30.3	31.3	31.8	32.1	32.6	*
40–49 years	725	29.9	2.6	0.136	*	24.9	27.4	28.2	29.0	30.1	31.4	32.1	32.5	33.1	*
50–59 years	360	30.2	1.9	0.138	*	27.3	28.1	28.6	29.3	30.3	31.3	31.9	32.3	32.7	*
60–69 years	647	30.4	1.9	0.105	*	27.5	28.3	28.7	29.4	30.4	31.6	32.2	32.8	33.5	*
70 years and over	371	30.2	1.9	0.142	*	27.1	28.3	28.6	29.3	30.3	31.4	31.9	32.2	32.7	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 14. Mean cell hemoglobin in picogram for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,623	30.0	2.1	0.052	25.6	26.6	27.5	28.0	28.8	30.1	31.3	31.9	32.3	33.0	33.7
1–2 years	931	26.5	1.8	0.098	22.1	23.0	24.1	24.8	25.8	26.8	27.7	28.0	28.4	28.9	29.3
3–5 years	1,281	27.5	1.7	0.077	23.4	24.7	25.7	26.3	26.8	27.7	28.5	28.9	29.2	29.7	30.0
6–8 years	709	28.1	1.9	0.118	24.2	25.3	26.3	26.7	27.3	28.2	29.1	29.5	29.7	30.3	31.1
9–11 years	773	28.3	1.5	0.088	24.5	25.9	26.8	27.1	27.5	28.4	29.1	29.6	29.9	30.3	31.0
12–14 years	540	28.8	1.6	0.109	25.6	26.1	27.0	27.4	27.9	28.8	30.0	30.3	30.6	31.0	31.1
15–19 years	836	29.8	1.5	0.085	26.7	27.4	27.9	28.3	29.0	29.9	30.8	31.2	31.6	32.2	32.7
20–29 years	1,562	30.2	1.5	0.063	27.2	27.8	28.4	28.9	29.4	30.2	31.1	31.7	32.1	32.6	33.0
30–39 years	1,401	30.4	1.6	0.072	27.2	27.9	28.4	28.9	29.5	30.5	31.4	31.8	32.3	32.9	33.6
40–49 years	1,164	30.7	1.8	0.087	26.9	28.0	28.8	29.3	29.8	30.8	31.7	32.3	32.8	33.3	34.1
50–59 years	833	30.8	1.8	0.101	27.1	28.3	29.0	29.4	29.8	30.9	31.9	32.4	32.9	33.7	34.3
60–69 years	1,130	30.9	2.0	0.095	27.0	28.1	28.5	29.1	29.8	31.0	32.0	32.6	33.1	33.7	34.3
70 years and over	1,463	30.8	2.1	0.091	25.8	27.3	28.6	29.1	29.8	31.0	32.1	32.7	33.2	33.9	34.4
Non-Hispanic white															
1 year and over	4,491	30.2	1.9	0.052	26.5	27.3	27.9	28.4	29.2	30.3	31.4	32.0	32.4	33.1	33.9
1–2 years	297	26.8	1.6	0.109	*	24.0	24.8	25.5	26.2	27.0	27.8	28.1	28.5	28.9	*
3–5 years	323	27.9	1.1	0.074	*	26.1	26.5	26.8	27.1	27.8	28.6	29.0	29.3	29.8	*
6–8 years	190	28.4	1.9	0.163	*	*	26.9	27.0	27.6	28.3	29.1	29.5	29.9	*	*
9–11 years	200	28.4	1.2	0.102	*	*	27.0	27.3	27.7	28.4	29.3	29.6	29.9	*	*
12–14 years	139	28.9	1.4	0.145	*	*	27.2	27.5	28.0	28.9	30.1	30.4	30.6	*	*
15–19 years	195	30.1	1.3	0.107	*	*	28.3	28.8	29.3	30.1	30.9	31.2	31.6	*	*
20–29 years	381	30.4	1.4	0.085	*	28.2	28.7	29.1	29.4	30.3	31.2	31.9	32.3	32.7	*
30–39 years	435	30.6	1.4	0.082	*	28.3	28.8	29.2	29.6	30.6	31.4	31.9	32.3	32.8	*
40–49 years	414	30.9	1.6	0.096	*	28.7	29.3	29.6	29.9	30.9	31.7	32.4	32.8	33.4	*
50–59 years	410	31.1	1.6	0.092	*	28.8	29.3	29.6	30.0	31.0	32.1	32.5	33.1	33.8	*
60–69 years	493	31.0	1.9	0.100	*	28.2	28.7	29.3	29.9	31.1	32.1	32.7	33.2	33.8	*
70 years and over	1,014	30.9	2.1	0.077	*	27.9	28.8	29.3	29.9	31.1	32.1	32.7	33.2	33.9	*
Non-Hispanic black															
1 year and over	3,633	28.7	2.5	0.081	23.1	24.2	25.6	26.3	27.3	28.9	30.4	31.1	31.6	32.5	33.3
1–2 years	275	25.6	2.2	0.153	*	21.7	22.7	23.3	24.3	25.9	27.0	27.8	28.4	29.1	*
3–5 years	419	26.6	2.1	0.121	*	21.9	24.1	24.9	25.6	26.8	28.1	28.7	29.0	29.5	*
6–8 years	229	27.2	2.0	0.152	*	23.9	24.8	25.4	26.1	27.4	28.6	29.1	29.4	30.3	*
9–11 years	267	27.6	1.9	0.137	*	24.1	25.5	25.9	26.6	27.8	28.8	29.4	29.8	30.3	*
12–14 years	184	27.8	2.0	0.174	*	*	24.9	25.6	26.6	28.0	29.1	29.8	30.4	*	*
15–19 years	298	28.9	2.0	0.137	*	25.5	26.2	27.0	27.6	29.0	30.3	30.6	30.9	31.7	*
20–29 years	463	29.3	2.0	0.110	*	25.7	26.8	27.3	28.1	29.6	30.6	31.3	31.6	32.3	*
30–39 years	461	29.3	2.4	0.130	*	24.3	26.6	27.3	28.0	29.6	30.9	31.5	31.9	32.9	*
40–49 years	336	29.7	2.5	0.160	*	25.4	26.8	27.3	28.1	29.8	31.4	32.3	32.7	33.4	*
50–59 years	207	29.5	2.3	0.182	*	*	26.8	27.1	28.4	29.8	31.1	31.8	32.0	*	*
60–69 years	274	29.5	2.6	0.183	*	24.9	26.5	27.0	28.1	29.5	31.1	31.8	32.3	33.5	*
70 years and over	220	29.4	2.4	0.185	*	*	26.5	27.1	28.3	29.6	30.8	31.3	32.1	*	*
Mexican American															
1 year and over	3,951	29.6	2.0	0.061	25.2	26.3	27.1	27.6	28.5	29.8	31.0	31.6	32.0	32.6	33.0
1–2 years	298	26.1	2.2	0.165	*	*	23.4	24.4	25.4	26.5	27.5	27.9	28.1	*	*
3–5 years	466	27.6	1.5	0.087	*	25.1	26.0	26.4	26.9	27.6	28.6	29.0	29.4	29.6	*
6–8 years	250	28.3	1.3	0.107	*	*	26.5	26.9	27.4	28.4	29.0	29.6	29.9	*	*
9–11 years	272	28.3	1.9	0.148	*	*	26.4	26.7	27.2	28.4	29.4	29.9	30.1	*	*
12–14 years	191	28.7	1.5	0.143	*	*	27.0	27.4	27.7	28.8	29.7	30.3	30.8	*	*
15–19 years	304	29.7	1.6	0.120	*	26.8	27.5	28.0	28.7	30.0	30.9	31.4	31.6	32.0	*
20–29 years	647	30.4	1.5	0.074	*	28.1	28.5	29.1	29.5	30.5	31.3	31.7	31.9	32.5	*
30–39 years	450	30.4	1.6	0.098	*	28.0	28.6	29.1	29.5	30.4	31.5	32.0	32.2	32.7	*
40–49 years	369	30.6	1.9	0.125	*	27.9	28.5	28.9	29.6	30.5	31.7	32.3	32.8	33.3	*
50–59 years	175	30.4	1.8	0.175	*	*	28.4	28.8	29.3	30.4	31.8	32.2	32.4	*	*
60–69 years	330	30.7	1.9	0.136	*	27.8	28.6	29.0	29.6	30.9	31.9	32.7	32.9	34.1	*
70 years and over	199	30.3	1.8	0.163	*	*	28.2	28.6	29.4	30.4	31.6	32.2	32.4	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 15. Mean cell hemoglobin in picogram for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,746	29.8	2.2	0.052	25.0	26.3	27.2	27.9	28.7	30.0	31.1	31.8	32.2	32.8	33.4
1–2 years	857	26.8	1.8	0.098	22.6	23.8	24.7	25.2	26.0	27.0	27.9	28.4	28.8	29.3	29.6
3–5 years	1,337	27.7	1.6	0.070	23.7	25.0	25.9	26.4	26.9	27.9	28.7	29.1	29.4	29.9	30.1
6–8 years	675	28.2	1.4	0.090	24.9	25.4	26.4	26.9	27.4	28.4	29.2	29.6	29.8	30.2	30.3
9–11 years	734	28.4	1.6	0.094	24.9	25.7	26.7	27.0	27.6	28.5	29.3	29.8	30.1	30.9	31.5
12–14 years	621	29.0	1.7	0.110	25.0	25.8	26.8	27.6	28.2	29.1	30.2	30.6	30.8	31.3	31.6
15–19 years	950	29.5	1.9	0.099	25.1	26.3	27.3	27.9	28.4	29.6	30.7	31.3	31.8	32.3	32.6
20–29 years	1,769	30.1	1.8	0.071	25.9	27.0	27.9	28.5	29.2	30.2	31.2	31.8	32.1	32.6	33.1
30–39 years	1,757	30.1	2.2	0.085	24.6	26.3	27.7	28.4	29.1	30.4	31.5	32.0	32.3	32.9	33.4
40–49 years	1,303	30.2	2.3	0.103	24.0	26.5	27.6	28.3	29.2	30.4	31.7	32.1	32.5	33.3	33.7
50–59 years	969	30.4	2.0	0.104	25.7	27.0	28.1	28.7	29.4	30.5	31.5	32.2	32.6	33.1	34.0
60–69 years	1,111	30.4	2.1	0.104	26.3	27.3	28.3	28.8	29.4	30.5	31.4	32.1	32.6	33.2	33.8
70 years and over	1,663	30.5	1.8	0.073	26.7	27.6	28.4	28.8	29.4	30.5	31.6	32.2	32.7	33.4	33.9
Non-Hispanic white															
1 year and over	5,029	30.2	1.9	0.049	26.4	27.1	27.9	28.4	29.1	30.3	31.4	32.0	32.3	33.0	33.6
1–2 years	270	27.2	1.3	0.099	*	25.1	25.5	25.9	26.5	27.2	28.1	28.7	29.0	29.3	*
3–5 years	332	28.1	1.1	0.079	*	26.4	26.7	26.9	27.3	28.0	28.8	29.2	29.5	30.0	*
6–8 years	175	28.5	1.1	0.108	*	*	27.1	27.3	27.8	28.5	29.2	29.8	29.9	*	*
9–11 years	186	28.6	1.4	0.131	*	*	27.0	27.3	27.9	28.6	29.4	29.8	30.1	*	*
12–14 years	154	29.2	1.5	0.156	*	*	27.6	27.7	28.4	29.4	30.2	30.8	30.9	*	*
15–19 years	270	29.9	1.6	0.125	*	27.3	28.0	28.3	28.9	29.9	31.0	31.4	31.9	32.5	*
20–29 years	477	30.4	1.5	0.089	*	28.1	28.8	29.0	29.5	30.3	31.4	31.9	32.2	32.8	*
30–39 years	572	30.5	1.7	0.093	*	27.9	28.7	29.0	29.6	30.7	31.6	32.1	32.5	33.0	*
40–49 years	457	30.5	1.9	0.115	*	27.3	28.2	29.0	29.5	30.6	31.8	32.3	32.8	33.4	*
50–59 years	473	30.6	1.8	0.106	*	27.8	28.5	29.1	29.7	30.6	31.8	32.4	32.7	33.3	*
60–69 years	473	30.6	2.1	0.121	*	27.7	28.6	29.0	29.6	30.6	31.5	32.2	32.7	33.4	*
70 years and over	1,190	30.6	1.7	0.063	*	28.0	28.5	29.0	29.5	30.5	31.6	32.2	32.8	33.5	*
Non-Hispanic black															
1 year and over	4,116	28.4	2.6	0.078	22.5	23.8	25.3	26.0	26.9	28.6	30.1	30.9	31.4	32.0	32.7
1–2 years	265	25.8	2.2	0.157	*	21.5	22.8	23.8	24.5	26.2	27.2	27.8	28.3	29.0	*
3–5 years	433	26.9	2.0	0.112	*	22.5	24.4	25.0	25.8	27.3	28.2	28.6	29.0	29.6	*
6–8 years	220	27.1	1.9	0.152	*	*	24.8	25.0	25.7	27.3	28.4	29.1	29.4	*	*
9–11 years	252	27.6	1.8	0.135	*	24.6	25.1	25.5	26.4	28.1	28.9	29.3	29.7	30.3	*
12–14 years	220	28.0	2.2	0.173	*	*	25.4	25.8	26.8	28.4	29.5	30.1	30.7	*	*
15–19 years	326	28.1	2.3	0.149	*	24.2	25.3	26.0	26.8	28.4	29.6	30.4	30.7	31.6	*
20–29 years	589	28.6	2.4	0.118	*	24.0	25.9	26.4	27.2	28.9	30.4	30.9	31.3	32.0	*
30–39 years	602	28.8	2.7	0.131	*	23.5	25.5	26.3	27.4	29.3	30.7	31.5	32.0	32.7	*
40–49 years	425	28.7	2.9	0.165	*	22.9	25.6	26.1	27.1	29.1	30.6	31.5	31.9	32.4	*
50–59 years	256	29.1	2.3	0.172	*	24.7	26.5	26.9	27.8	29.5	30.7	31.2	31.4	32.3	*
60–69 years	276	29.2	2.4	0.170	*	25.3	26.2	27.2	28.0	29.3	30.6	31.1	31.5	32.4	*
70 years and over	252	29.1	2.4	0.178	*	24.6	26.1	26.6	27.6	29.2	30.8	31.4	31.9	32.9	*
Mexican American															
1 year and over	3,993	29.2	2.2	0.066	23.7	25.5	26.9	27.4	28.1	29.4	30.6	31.2	31.6	32.2	32.8
1–2 years	284	26.6	2.2	0.165	*	*	24.0	25.1	25.8	27.0	27.8	28.3	28.5	*	*
3–5 years	506	27.9	1.5	0.086	*	25.5	26.3	26.7	27.1	28.0	28.8	29.3	29.4	30.1	*
6–8 years	257	28.4	1.4	0.114	*	*	26.9	27.3	27.7	28.5	29.4	29.7	29.9	*	*
9–11 years	265	28.8	1.5	0.121	*	*	27.1	27.5	27.9	28.8	29.8	30.4	30.5	*	*
12–14 years	218	29.4	1.5	0.128	*	*	27.8	28.0	28.5	29.3	30.5	30.9	31.2	*	*
15–19 years	297	29.2	2.1	0.161	*	25.1	26.8	27.5	28.3	29.5	30.5	31.1	31.6	32.0	*
20–29 years	632	29.7	2.0	0.103	*	26.5	27.4	28.1	28.8	30.0	31.0	31.6	31.9	32.4	*
30–39 years	504	29.6	2.3	0.133	*	26.0	27.1	27.9	28.7	29.9	31.0	31.5	31.8	32.5	*
40–49 years	356	29.2	3.0	0.208	*	22.4	25.1	27.1	28.3	29.6	30.8	31.7	32.2	32.8	*
50–59 years	185	30.0	1.9	0.179	*	*	27.8	28.4	29.3	30.1	31.1	31.6	31.8	*	*
60–69 years	317	30.2	1.8	0.132	*	27.0	28.0	28.6	29.1	30.2	31.3	31.9	32.3	33.0	*
70 years and over	172	30.0	2.0	0.202	*	*	28.3	28.6	29.3	30.2	31.1	31.7	31.9	*	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 16. Mean cell hemoglobin concentration in gram per liter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,369	337.4	8.6	0.356	320.1	323.6	327.2	329.4	332.6	338.1	343.0	345.8	347.7	350.5	352.9
1–2 years	1,788	335.0	8.4	0.584	318.0	321.6	325.3	327.2	330.4	335.4	340.3	343.7	345.3	348.1	350.6
3–5 years	2,618	336.0	8.6	0.494	319.0	321.5	325.3	327.8	331.4	336.6	341.3	344.1	346.7	349.5	352.7
6–8 years	1,384	337.3	8.3	0.656	320.9	323.2	327.3	329.1	332.3	338.1	343.1	345.7	347.0	350.8	352.1
9–11 years	1,507	337.3	7.7	0.581	322.2	324.4	327.9	329.4	333.0	337.9	342.8	345.1	346.7	349.3	351.0
12–14 years	1,161	336.8	8.2	0.705	319.8	323.1	326.5	328.4	331.9	337.8	342.5	345.3	347.1	349.1	352.6
15–19 years	1,786	336.9	8.2	0.566	320.8	324.2	327.0	328.6	331.9	337.4	342.5	345.0	347.3	350.3	352.4
20–29 years	3,331	338.3	8.5	0.430	321.0	324.3	328.4	330.7	333.3	339.0	343.7	346.5	348.6	351.6	354.5
30–39 years	3,158	338.0	8.2	0.427	320.4	324.3	328.0	330.3	333.5	338.7	343.5	346.3	348.2	350.8	352.9
40–49 years	2,467	338.1	9.0	0.531	320.4	323.9	327.8	330.0	333.5	338.7	343.8	346.5	348.3	350.9	353.1
50–59 years	1,802	338.1	8.1	0.558	321.1	324.6	328.3	330.4	333.5	339.0	343.3	346.1	348.0	351.5	353.5
60–69 years	2,241	336.8	9.8	0.604	319.8	322.9	326.7	328.8	331.6	336.9	342.1	345.1	347.0	350.2	352.8
70 years and over	3,126	335.5	8.5	0.448	318.0	321.2	324.9	327.3	330.5	336.1	341.5	344.1	346.2	348.8	350.9
Non-Hispanic white															
1 year and over	9,520	338.4	8.2	0.379	322.2	325.4	328.7	330.9	333.8	339.0	343.7	346.5	348.3	351.0	353.3
1–2 years	567	336.5	7.9	0.675	*	324.4	327.1	329.6	332.2	336.8	341.9	344.7	346.1	348.7	*
3–5 years	655	337.4	8.2	0.652	*	323.5	327.4	330.2	332.8	337.7	342.1	345.4	347.7	350.6	*
6–8 years	365	338.7	8.1	0.866	*	324.9	328.0	330.6	334.2	339.2	344.4	346.5	348.1	351.5	*
9–11 years	386	338.1	6.9	0.721	*	326.2	329.3	331.3	334.3	338.4	343.3	345.5	347.1	349.1	*
12–14 years	293	337.7	7.6	0.906	*	*	328.2	329.8	332.4	338.5	342.9	345.5	347.3	*	*
15–19 years	465	338.2	7.6	0.720	*	326.1	328.4	330.8	333.1	338.8	343.4	345.8	347.9	350.7	*
20–29 years	858	339.4	8.2	0.570	*	326.8	330.3	331.9	334.3	340.1	344.8	347.5	349.2	352.1	*
30–39 years	1,007	339.2	7.5	0.485	*	326.3	330.1	332.0	335.0	339.8	344.3	347.0	348.7	351.5	*
40–49 years	871	339.2	8.5	0.591	*	325.8	329.1	331.8	334.9	339.6	344.8	347.1	348.9	351.3	*
50–59 years	883	339.0	7.5	0.513	*	326.0	329.8	331.7	334.6	339.5	344.2	346.5	348.7	351.9	*
60–69 years	966	337.3	9.5	0.626	*	323.9	327.7	329.7	332.3	337.5	342.2	345.4	347.5	350.5	*
70 years and over	2,204	336.0	8.5	0.368	*	322.0	325.8	328.0	331.0	336.5	341.9	344.5	346.6	349.1	*
Non-Hispanic black															
1 year and over	7,749	332.1	9.2	0.430	313.7	317.5	321.2	323.6	327.1	332.8	338.1	341.0	342.8	345.8	348.5
1–2 years	540	331.1	9.3	0.723	*	318.1	321.0	323.0	325.9	331.3	336.4	339.2	341.5	345.0	*
3–5 years	852	332.4	8.8	0.543	*	317.6	320.8	323.6	327.1	333.4	338.2	341.4	342.9	347.0	*
6–8 years	449	332.9	9.2	0.782	*	318.9	321.3	323.7	327.3	333.4	339.2	342.1	343.6	346.1	*
9–11 years	519	333.6	8.4	0.664	*	320.1	323.4	324.9	327.9	334.2	339.2	342.1	344.1	347.3	*
12–14 years	404	331.6	9.0	0.802	*	316.4	320.2	322.5	326.2	332.3	338.4	341.2	343.3	345.7	*
15–19 years	624	331.6	8.8	0.631	*	317.9	320.9	323.3	326.3	332.2	337.3	339.8	341.7	344.4	*
20–29 years	1,052	332.4	8.6	0.477	*	318.0	321.7	323.8	327.4	333.2	338.6	340.9	342.9	345.9	*
30–39 years	1,063	332.5	9.0	0.499	*	316.6	321.1	324.2	328.0	333.3	338.4	341.4	343.0	346.6	*
40–49 years	761	331.7	9.5	0.618	*	317.1	320.9	323.4	327.1	332.5	337.9	340.8	343.1	345.6	*
50–59 years	463	332.1	8.9	0.748	*	316.4	321.4	323.9	327.3	333.0	338.3	340.3	342.3	345.5	*
60–69 years	550	332.2	12.3	0.941	*	318.6	321.7	323.5	326.3	332.4	337.9	340.9	342.5	346.0	*
70 years and over	472	329.9	8.1	0.670	*	315.9	319.3	322.7	325.1	330.4	335.6	338.5	340.9	343.6	*
Mexican American															
1 year and over	7,944	337.1	8.7	0.633	319.7	323.4	326.8	328.9	332.2	337.9	342.9	345.6	347.6	350.7	353.3
1–2 years	582	333.6	8.7	0.930	*	319.3	323.2	325.9	328.4	334.5	339.9	342.5	344.2	346.7	*
3–5 years	972	336.4	8.2	0.671	*	323.2	326.5	328.7	331.5	336.9	341.7	344.6	346.1	349.0	*
6–8 years	507	337.6	7.6	0.872	*	325.3	327.2	328.8	332.6	338.7	343.6	344.8	346.2	348.4	*
9–11 years	537	338.1	8.7	0.963	*	324.7	326.9	329.0	333.0	339.3	343.7	346.6	349.3	351.6	*
12–14 years	409	337.5	7.7	0.983	*	325.1	328.3	329.5	333.0	338.0	342.7	345.1	347.6	351.2	*
15–19 years	601	336.9	8.5	0.888	*	323.5	326.6	328.4	331.3	337.3	342.7	345.3	347.6	351.6	*
20–29 years	1,279	338.2	8.5	0.611	*	325.0	328.2	330.1	333.5	338.5	343.8	346.4	348.7	351.5	*
30–39 years	954	337.3	8.5	0.710	*	323.4	327.3	329.5	332.7	337.8	343.2	345.9	347.8	350.6	*
40–49 years	725	336.8	10.1	0.967	*	321.4	325.8	328.3	332.0	338.3	342.8	346.0	348.3	351.4	*
50–59 years	360	337.0	9.1	1.237	*	323.1	326.2	327.8	330.9	338.0	342.3	346.3	348.5	353.1	*
60–69 years	647	336.1	8.1	0.815	*	323.1	326.1	328.0	330.7	336.4	341.7	344.6	346.4	348.4	*
70 years and over	371	334.1	8.4	1.122	*	321.5	325.2	327.4	329.8	334.7	339.5	341.6	344.1	346.5	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 17. Mean cell hemoglobin concentration in gram per liter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,623	338.5	8.3	0.496	321.8	325.1	328.6	330.8	333.8	339.2	343.8	346.6	348.6	351.6	353.8
1–2 years	931	334.4	8.4	0.621	315.1	320.2	324.7	326.8	330.0	335.0	339.8	343.3	344.8	347.2	348.7
3–5 years	1,281	335.6	9.1	0.577	315.5	320.2	324.1	327.3	330.9	336.1	341.3	343.9	345.9	349.4	353.7
6–8 years	709	337.3	8.8	0.743	320.8	322.8	326.8	328.8	332.1	337.6	343.6	345.7	347.4	350.8	351.9
9–11 years	773	337.1	7.4	0.604	322.0	323.9	327.0	329.7	333.5	338.3	342.1	344.4	345.9	348.1	349.8
12–14 years	540	337.0	7.8	0.762	319.2	323.4	327.6	328.8	332.1	338.2	342.4	344.8	347.1	349.3	352.7
15–19 years	836	338.2	8.0	0.626	322.3	325.5	328.0	330.5	332.9	338.4	343.1	346.8	349.2	351.7	355.1
20–29 years	1,562	339.5	8.2	0.468	323.7	326.9	330.8	332.4	334.6	340.0	344.8	347.9	349.5	352.2	355.2
30–39 years	1,401	339.8	7.6	0.461	323.6	327.5	330.5	332.4	335.5	340.5	345.1	348.1	349.4	352.2	353.6
40–49 years	1,164	340.0	8.5	0.563	323.3	327.0	330.4	332.2	335.5	340.4	345.2	347.3	349.4	352.3	354.5
50–59 years	833	339.6	7.6	0.591	324.2	326.9	329.8	332.5	335.4	340.4	344.3	346.7	349.3	352.7	353.9
60–69 years	1,130	337.4	8.1	0.542	322.1	324.7	327.8	330.1	332.7	337.7	342.4	345.6	347.7	350.5	353.6
70 years and over	1,463	335.9	8.6	0.509	318.4	322.0	325.2	327.6	330.5	336.6	342.0	344.7	346.7	349.1	350.7
Non-Hispanic white															
1 year and over	4,491	339.4	8.0	0.538	323.4	326.7	330.1	332.1	334.9	340.0	344.6	347.2	349.2	352.0	354.1
1–2 years	297	335.7	8.1	0.728	*	321.7	326.6	329.2	331.3	336.2	340.9	344.3	345.3	347.7	*
3–5 years	323	336.9	8.7	0.743	*	322.5	326.9	329.1	332.4	337.1	341.9	344.7	347.0	350.3	*
6–8 years	190	338.6	8.7	0.970	*	*	327.8	329.3	333.4	339.4	344.7	346.7	348.4	*	*
9–11 years	200	338.0	6.6	0.719	*	*	329.6	331.9	334.4	338.7	343.0	344.5	346.1	*	*
12–14 years	139	337.8	7.5	0.979	*	*	328.3	329.6	333.2	338.8	342.5	344.6	347.3	*	*
15–19 years	195	339.5	7.2	0.800	*	*	331.0	332.3	335.0	340.2	343.5	347.3	349.8	*	*
20–29 years	381	340.5	8.1	0.643	*	329.0	331.9	333.4	335.9	340.9	345.8	348.6	350.2	352.8	*
30–39 years	435	340.8	7.2	0.535	*	329.4	332.1	333.8	336.9	341.3	345.7	348.5	350.2	352.4	*
40–49 years	414	340.8	8.4	0.636	*	328.2	331.5	333.3	336.4	340.9	345.8	347.4	349.7	352.7	*
50–59 years	410	340.4	6.9	0.527	*	329.2	331.8	333.3	336.0	340.8	345.1	347.2	350.2	353.0	*
60–69 years	493	337.9	7.9	0.547	*	325.8	329.0	330.8	333.1	338.0	342.4	346.0	348.0	350.6	*
70 years and over	1,014	336.4	8.6	0.415	*	322.7	325.7	328.1	331.2	337.2	342.5	345.5	347.2	349.3	*
Non-Hispanic black															
1 year and over	3,633	333.1	8.6	0.588	315.8	319.2	322.7	325.0	328.1	333.5	338.7	341.6	343.6	346.4	349.6
1–2 years	275	330.5	8.2	0.748	*	316.1	320.6	322.7	325.8	331.3	335.6	337.9	340.4	343.7	*
3–5 years	419	332.1	9.3	0.687	*	316.6	319.9	322.5	327.0	333.3	337.9	341.3	342.8	347.4	*
6–8 years	229	332.9	9.8	0.984	*	318.0	321.1	322.9	327.1	333.8	339.3	342.0	343.3	345.8	*
9–11 years	267	333.3	8.5	0.792	*	319.6	323.3	324.6	327.9	333.9	338.8	341.4	343.8	345.3	*
12–14 years	184	332.1	8.5	0.945	*	*	320.3	321.8	326.4	332.3	338.7	341.7	343.2	*	*
15–19 years	298	332.8	8.5	0.746	*	319.1	323.0	324.9	327.5	333.1	337.9	341.1	342.4	346.0	*
20–29 years	463	334.2	8.2	0.574	*	320.3	324.0	326.6	329.6	334.6	339.8	342.4	344.8	347.5	*
30–39 years	461	334.0	8.2	0.580	*	320.2	323.9	326.8	329.6	334.6	339.2	342.3	344.1	348.1	*
40–49 years	336	334.2	8.1	0.667	*	320.3	323.9	326.7	329.3	334.1	340.2	343.1	344.4	347.2	*
50–59 years	207	332.5	8.8	0.922	*	*	322.8	325.3	328.0	333.2	338.3	340.2	342.1	*	*
60–69 years	274	331.9	8.9	0.813	*	318.8	321.8	323.8	326.2	332.3	337.7	341.0	343.3	347.9	*
70 years and over	220	330.6	8.2	0.841	*	*	322.4	323.7	326.4	330.8	335.6	338.8	342.1	*	*
Mexican American															
1 year and over	3,951	338.1	8.1	0.838	322.1	325.4	328.0	330.0	333.4	338.6	343.7	346.3	348.3	351.6	353.8
1–2 years	298	332.8	8.8	1.013	*	*	321.8	324.3	327.6	333.5	339.4	341.5	343.3	*	*
3–5 years	466	336.0	8.0	0.741	*	323.2	326.2	327.9	331.2	336.3	341.4	344.2	345.5	347.9	*
6–8 years	250	337.6	7.6	0.955	*	*	327.0	328.2	332.8	338.5	343.4	345.2	346.1	*	*
9–11 years	272	337.4	8.2	0.982	*	*	326.7	328.7	332.9	338.7	342.9	344.7	347.0	*	*
12–14 years	191	337.3	7.6	1.098	*	*	328.3	329.7	333.2	337.5	341.6	344.5	348.0	*	*
15–19 years	304	338.2	7.9	0.898	*	326.4	327.9	329.6	333.2	338.2	343.8	346.3	348.5	352.1	*
20–29 years	647	339.7	7.8	0.611	*	327.4	330.1	332.4	335.1	339.6	345.3	347.8	350.1	352.3	*
30–39 years	450	338.7	7.5	0.703	*	326.2	329.1	330.9	334.1	339.1	344.1	346.4	348.1	350.7	*
40–49 years	369	339.4	8.3	0.863	*	326.9	329.4	331.8	334.2	339.8	344.5	347.6	349.8	352.9	*
50–59 years	175	337.9	9.2	1.389	*	*	326.5	328.7	331.5	338.8	343.9	347.4	350.7	*	*
60–69 years	330	337.4	7.6	0.826	*	325.8	328.2	330.0	333.0	337.4	343.2	345.8	347.6	349.2	*
70 years and over	199	334.5	7.2	1.011	*	*	326.1	327.7	329.7	334.9	340.0	341.3	343.7	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 18. Mean cell hemoglobin concentration in gram per liter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,746	336.4	8.7	0.501	319.1	322.4	326.0	328.3	331.5	337.0	342.1	345.0	346.7	349.4	351.7
1–2 years	857	335.7	8.4	0.667	320.6	322.8	325.6	327.5	331.1	336.0	340.9	344.1	346.1	349.0	351.2
3–5 years	1,337	336.5	8.0	0.509	320.7	322.8	326.0	328.4	331.8	337.2	341.3	344.4	347.4	349.6	352.2
6–8 years	675	337.4	7.8	0.695	321.0	324.3	327.7	329.4	332.5	338.3	342.7	345.5	346.8	350.8	352.2
9–11 years	734	337.4	7.9	0.680	322.6	324.8	328.1	329.2	332.6	337.6	343.3	345.6	347.3	349.9	353.1
12–14 years	621	336.5	8.6	0.797	320.8	322.8	325.3	328.1	331.0	337.3	343.0	345.8	347.0	348.9	350.9
15–19 years	950	335.7	8.1	0.612	320.1	322.8	325.6	327.9	330.7	336.1	341.5	344.2	345.6	348.8	350.4
20–29 years	1,769	337.0	8.6	0.472	320.2	322.6	326.8	329.0	332.0	337.9	342.7	345.5	347.1	350.1	353.7
30–39 years	1,757	336.3	8.3	0.460	318.1	321.9	326.1	328.4	331.5	337.0	342.2	344.4	346.6	348.7	350.9
40–49 years	1,303	336.2	9.1	0.583	316.1	322.0	325.7	328.3	332.1	337.1	341.9	345.4	347.3	349.8	351.0
50–59 years	969	336.7	8.3	0.620	317.5	322.7	326.0	329.0	331.9	337.4	342.5	345.5	346.8	349.9	351.8
60–69 years	1,111	336.2	11.0	0.764	318.6	322.2	325.8	328.0	330.5	336.2	341.7	344.5	346.6	349.8	351.9
70 years and over	1,663	335.2	8.5	0.481	317.6	320.7	324.7	327.1	330.4	335.7	341.0	343.7	345.8	348.5	351.2
Non-Hispanic white															
1 year and over	5,029	337.5	8.3	0.526	321.2	324.5	327.7	329.8	332.7	337.9	342.9	345.7	347.4	350.0	352.3
1–2 years	270	337.4	7.5	0.770	*	325.4	328.0	330.7	333.3	337.2	342.4	345.3	347.8	350.4	*
3–5 years	332	338.0	7.6	0.705	*	324.4	328.3	331.4	333.4	338.1	342.6	346.7	348.5	350.8	*
6–8 years	175	338.8	7.4	0.945	*	*	328.6	331.2	334.7	339.1	343.7	346.3	347.6	*	*
9–11 years	186	338.3	7.3	0.902	*	*	329.2	330.9	334.2	338.1	343.7	346.0	347.3	*	*
12–14 years	154	337.5	7.7	1.055	*	*	328.1	330.1	332.3	338.2	343.2	346.0	347.3	*	*
15–19 years	270	337.0	7.7	0.798	*	324.9	327.4	328.6	331.7	337.1	342.8	345.1	346.1	349.3	*
20–29 years	477	338.3	8.1	0.626	*	324.9	328.9	330.7	333.1	339.2	343.8	346.0	347.9	350.7	*
30–39 years	572	337.6	7.5	0.530	*	325.2	328.2	330.4	333.4	338.1	342.9	345.2	347.0	348.9	*
40–49 years	457	337.6	8.4	0.664	*	324.5	327.5	329.6	333.5	338.3	342.9	346.4	348.2	350.1	*
50–59 years	473	337.7	7.7	0.600	*	324.7	328.2	330.4	333.3	337.8	343.1	346.0	347.5	350.2	*
60–69 years	473	336.9	10.8	0.839	*	323.2	327.0	328.5	331.2	336.8	342.0	345.0	347.0	350.4	*
70 years and over	1,190	335.7	8.4	0.412	*	321.5	326.0	327.8	330.9	336.1	341.5	344.0	346.3	348.9	*
Non-Hispanic black															
1 year and over	4,116	331.2	9.6	0.616	312.3	316.1	320.0	322.7	326.0	331.9	337.5	340.2	342.1	345.3	347.7
1–2 years	265	331.6	10.3	0.932	*	318.7	321.8	323.5	326.0	331.3	337.2	340.8	342.7	345.3	*
3–5 years	433	332.8	8.3	0.583	*	319.6	321.5	324.4	327.2	333.5	338.5	341.4	343.1	346.6	*
6–8 years	220	332.9	8.5	0.844	*	*	321.4	324.2	327.4	333.2	339.1	342.1	344.0	*	*
9–11 years	252	333.8	8.3	0.764	*	321.7	323.5	325.2	327.9	334.4	339.7	343.0	344.2	347.6	*
12–14 years	220	331.1	9.3	0.924	*	*	319.5	322.7	325.7	332.3	338.0	341.0	343.3	*	*
15–19 years	326	330.3	8.8	0.718	*	317.1	320.0	321.8	324.8	331.0	336.5	339.2	340.9	343.2	*
20–29 years	589	330.9	8.7	0.525	*	316.2	320.2	322.4	325.9	332.1	337.1	339.5	341.3	344.2	*
30–39 years	602	331.3	9.5	0.569	*	313.4	318.2	322.1	326.8	331.9	337.8	340.5	342.5	345.6	*
40–49 years	425	329.7	10.0	0.714	*	313.1	318.8	321.7	324.8	330.8	335.9	338.7	340.7	343.8	*
50–59 years	256	331.7	9.1	0.832	*	316.2	319.7	323.6	326.2	332.7	338.0	340.4	342.6	346.2	*
60–69 years	276	332.5	14.2	1.253	*	318.0	321.7	323.4	326.4	332.5	337.9	340.7	342.4	345.3	*
70 years and over	252	329.5	8.0	0.737	*	315.9	318.6	321.1	324.3	330.1	335.6	338.4	340.0	342.2	*
Mexican American															
1 year and over	3,993	336.1	9.1	0.940	317.2	321.6	325.6	327.8	330.9	336.8	342.1	344.7	346.7	349.8	352.4
1–2 years	284	334.5	8.6	1.026	*	*	325.3	327.0	330.3	335.4	340.7	342.9	344.7	*	*
3–5 years	506	336.8	8.2	0.737	*	323.3	326.8	329.7	331.8	337.6	342.5	344.8	346.9	349.4	*
6–8 years	257	337.6	7.7	0.965	*	*	327.8	329.0	332.6	338.8	343.7	344.5	346.2	*	*
9–11 years	265	338.9	9.2	1.138	*	*	327.2	329.2	333.1	340.0	345.7	349.1	349.9	*	*
12–14 years	218	337.7	7.8	1.067	*	*	328.3	329.3	332.9	338.3	343.5	345.3	347.3	*	*
15–19 years	297	335.5	8.9	1.038	*	320.8	324.0	326.9	330.2	336.6	341.7	344.3	346.3	349.7	*
20–29 years	632	336.2	9.0	0.718	*	323.1	325.8	328.2	331.1	337.1	342.1	344.3	346.2	349.3	*
30–39 years	504	335.7	9.3	0.834	*	319.7	324.6	327.7	330.9	336.1	341.8	344.5	347.4	350.3	*
40–49 years	356	334.1	11.1	1.187	*	312.4	321.8	325.3	328.9	336.0	341.1	344.0	346.3	349.6	*
50–59 years	185	336.1	9.0	1.326	*	*	326.1	327.1	330.6	336.9	341.7	344.6	347.0	*	*
60–69 years	317	335.1	8.3	0.943	*	321.9	324.9	326.9	329.3	335.3	341.1	344.2	345.5	347.6	*
70 years and over	172	333.7	9.5	1.452	*	*	323.7	327.3	329.9	334.5	339.0	342.5	345.1	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 19. Red cell distribution width in percentages for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,372	12.9	1.0	0.013	11.6	11.8	12.0	12.1	12.3	12.7	13.2	13.6	13.9	14.4	15.2
1–2 years	1,789	13.1	1.3	0.049	11.6	11.7	11.9	12.1	12.3	12.8	13.6	14.1	14.5	15.3	16.6
3–5 years	2,618	12.5	0.8	0.024	11.4	11.6	11.8	11.9	12.1	12.4	12.9	13.2	13.4	13.9	14.4
6–8 years	1,384	12.4	0.6	0.026	11.5	11.6	11.8	11.9	12.0	12.4	12.8	13.0	13.1	13.4	13.8
9–11 years	1,507	12.5	0.7	0.029	11.5	11.6	11.8	11.8	12.0	12.4	12.8	13.1	13.3	13.6	13.9
12–14 years	1,161	12.7	0.8	0.036	11.7	11.8	11.9	12.1	12.2	12.6	13.0	13.3	13.4	13.8	14.4
15–19 years	1,786	12.7	0.8	0.028	11.6	11.8	11.9	12.1	12.2	12.6	12.9	13.3	13.5	13.9	14.5
20–29 years	3,331	12.7	0.8	0.021	11.6	11.8	11.9	12.1	12.3	12.6	13.0	13.3	13.5	13.9	14.5
30–39 years	3,158	12.8	0.9	0.026	11.6	11.8	12.0	12.1	12.3	12.7	13.1	13.5	13.8	14.3	15.0
40–49 years	2,467	13.0	1.1	0.035	11.8	11.9	12.1	12.3	12.4	12.8	13.3	13.6	13.9	14.6	15.3
50–59 years	1,802	13.0	1.0	0.036	11.9	12.0	12.1	12.3	12.4	12.9	13.4	13.8	14.1	14.7	15.4
60–69 years	2,242	13.2	1.0	0.033	11.8	12.0	12.2	12.4	12.6	13.0	13.6	13.9	14.3	15.0	15.6
70 years and over	3,127	13.4	1.1	0.032	12.1	12.2	12.3	12.5	12.8	13.2	13.9	14.3	14.7	15.4	16.1
Non-Hispanic white															
1 year and over	9,521	12.8	0.9	0.015	11.6	11.8	11.9	12.1	12.3	12.6	13.1	13.4	13.7	14.2	14.8
1–2 years	567	13.0	1.2	0.062	*	11.7	11.9	12.0	12.3	12.8	13.4	13.9	14.1	14.8	*
3–5 years	655	12.4	0.6	0.029	*	11.5	11.7	11.8	12.0	12.4	12.7	12.9	13.1	13.4	*
6–8 years	365	12.3	0.6	0.037	*	11.5	11.7	11.8	11.9	12.3	12.6	12.9	13.0	13.2	*
9–11 years	386	12.3	0.5	0.034	*	11.6	11.7	11.8	12.0	12.3	12.7	12.9	13.1	13.3	*
12–14 years	293	12.6	0.7	0.053	*	*	11.9	12.0	12.2	12.5	13.0	13.2	13.4	*	*
15–19 years	465	12.5	0.6	0.037	*	11.8	11.8	12.0	12.1	12.5	12.8	13.1	13.2	13.6	*
20–29 years	858	12.6	0.6	0.026	*	11.8	11.9	12.1	12.3	12.6	12.9	13.1	13.3	13.6	*
30–39 years	1,007	12.7	0.7	0.028	*	11.8	11.9	12.0	12.2	12.6	13.0	13.3	13.5	13.9	*
40–49 years	871	12.9	1.0	0.041	*	11.9	12.1	12.2	12.4	12.7	13.2	13.4	13.7	14.2	*
50–59 years	883	13.0	0.9	0.036	*	11.9	12.1	12.2	12.4	12.9	13.3	13.6	13.9	14.4	*
60–69 years	966	13.1	0.9	0.037	*	12.0	12.2	12.3	12.6	12.9	13.5	13.8	14.1	14.8	*
70 years and over	2,205	13.4	1.1	0.029	*	12.2	12.3	12.5	12.7	13.2	13.8	14.2	14.6	15.3	*
Non-Hispanic black															
1 year and over	7,749	13.4	1.3	0.020	11.8	11.9	12.2	12.3	12.6	13.1	13.8	14.3	14.7	15.5	16.6
1–2 years	540	13.4	1.4	0.069	*	11.9	12.2	12.3	12.6	13.1	14.0	14.6	15.0	16.1	*
3–5 years	852	12.9	1.0	0.037	*	11.7	11.9	12.0	12.2	12.7	13.3	13.7	14.0	14.6	*
6–8 years	449	12.7	0.8	0.040	*	11.7	11.9	12.1	12.3	12.6	13.1	13.4	13.6	14.0	*
9–11 years	519	12.8	1.1	0.054	*	11.8	11.9	12.1	12.3	12.7	13.3	13.5	13.7	14.1	*
12–14 years	404	13.0	1.1	0.062	*	11.9	12.1	12.2	12.4	12.8	13.3	13.8	14.1	14.5	*
15–19 years	624	13.2	1.0	0.047	*	11.9	12.1	12.3	12.5	12.9	13.5	14.0	14.4	15.1	*
20–29 years	1,052	13.2	1.2	0.041	*	11.9	12.1	12.2	12.5	12.9	13.6	14.1	14.4	15.0	*
30–39 years	1,063	13.4	1.4	0.049	*	12.1	12.3	12.4	12.7	13.1	13.9	14.3	14.8	15.8	*
40–49 years	761	13.7	1.5	0.062	*	12.1	12.3	12.5	12.8	13.4	14.1	14.6	15.0	16.1	*
50–59 years	463	13.7	1.4	0.075	*	12.3	12.4	12.6	12.8	13.4	14.3	14.8	15.2	16.2	*
60–69 years	550	13.9	1.3	0.063	*	12.2	12.4	12.7	13.0	13.6	14.4	15.1	15.6	16.3	*
70 years and over	472	14.1	1.3	0.069	*	12.4	12.8	12.9	13.2	13.9	14.8	15.3	15.6	16.4	*
Mexican American															
1 year and over	7,945	12.9	1.0	0.018	11.7	11.9	12.0	12.1	12.3	12.7	13.2	13.6	13.8	14.4	15.4
1–2 years	583	13.3	1.6	0.083	*	11.8	11.9	12.1	12.4	13.0	13.8	14.4	15.1	16.4	*
3–5 years	972	12.7	0.9	0.035	*	11.6	11.8	11.9	12.1	12.6	13.1	13.3	13.6	14.2	*
6–8 years	507	12.5	0.6	0.031	*	11.7	11.9	12.0	12.2	12.5	12.8	13.1	13.3	13.5	*
9–11 years	537	12.6	0.8	0.043	*	11.7	11.8	11.9	12.1	12.4	12.9	13.1	13.4	13.8	*
12–14 years	409	12.7	0.6	0.037	*	11.8	11.9	12.1	12.3	12.6	13.0	13.2	13.4	13.8	*
15–19 years	601	12.9	0.9	0.046	*	11.9	12.1	12.2	12.4	12.8	13.1	13.4	13.8	14.3	*
20–29 years	1,279	12.8	0.8	0.028	*	11.9	12.0	12.1	12.3	12.6	13.1	13.4	13.6	14.1	*
30–39 years	954	13.0	1.0	0.041	*	11.9	12.1	12.2	12.4	12.8	13.3	13.6	13.8	14.4	*
40–49 years	725	13.2	1.3	0.061	*	12.0	12.3	12.3	12.5	12.9	13.4	13.8	14.2	15.4	*
50–59 years	360	13.2	1.1	0.074	*	12.1	12.3	12.4	12.6	12.9	13.5	13.8	14.3	14.9	*
60–69 years	647	13.3	1.1	0.057	*	12.1	12.3	12.4	12.6	13.1	13.6	13.9	14.3	14.9	*
70 years and over	371	13.6	1.2	0.081	*	12.3	12.5	12.7	12.9	13.4	13.9	14.3	14.8	15.9	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 20. Red cell distribution width in percentages for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988-94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,623	12.8	0.9	0.017	11.7	11.8	12.0	12.1	12.3	12.7	13.2	13.5	13.8	14.3	14.9
1-2 years	931	13.3	1.4	0.071	11.7	11.8	12.0	12.2	12.4	12.9	13.8	14.3	14.7	15.6	17.3
3-5 years	1,281	12.7	0.8	0.032	11.6	11.7	11.9	12.0	12.2	12.5	13.0	13.3	13.6	13.9	14.4
6-8 years	709	12.6	0.6	0.036	11.6	11.7	11.8	12.0	12.2	12.5	12.9	13.1	13.2	13.4	13.9
9-11 years	773	12.5	0.7	0.041	11.6	11.7	11.8	11.9	12.1	12.4	12.8	13.1	13.3	13.6	13.9
12-14 years	540	12.8	0.7	0.047	11.8	11.8	12.1	12.2	12.3	12.7	13.1	13.3	13.5	13.8	14.2
15-19 years	836	12.6	0.6	0.031	11.6	11.8	11.9	12.1	12.3	12.6	12.9	13.1	13.3	13.6	14.0
20-29 years	1,562	12.6	0.6	0.023	11.6	11.8	11.9	12.1	12.2	12.6	12.9	13.2	13.3	13.6	14.0
30-39 years	1,401	12.7	0.8	0.032	11.6	11.8	11.9	12.1	12.3	12.7	13.1	13.3	13.5	14.0	14.6
40-49 years	1,164	12.9	0.8	0.037	11.8	11.9	12.1	12.3	12.4	12.7	13.2	13.5	13.7	14.2	14.6
50-59 years	833	13.0	0.9	0.049	11.9	12.0	12.1	12.3	12.4	12.9	13.4	13.7	14.0	14.8	15.4
60-69 years	1,130	13.2	1.0	0.044	11.9	12.1	12.3	12.4	12.6	13.1	13.6	13.9	14.3	14.9	15.8
70 years and over	1,463	13.6	1.2	0.049	12.1	12.3	12.4	12.6	12.8	13.3	14.0	14.6	14.9	15.6	16.4
Non-Hispanic white															
1 year and over	4,491	12.8	0.8	0.020	11.7	11.8	12.0	12.1	12.3	12.7	13.1	13.4	13.7	14.1	14.8
1-2 years	297	13.2	1.3	0.095	*	11.9	12.0	12.2	12.4	12.9	13.6	14.0	14.4	15.3	*
3-5 years	323	12.5	0.6	0.042	*	11.7	11.8	11.9	12.1	12.4	12.8	13.1	13.3	13.6	*
6-8 years	190	12.5	0.6	0.053	*	*	11.8	11.9	12.1	12.4	12.8	13.0	13.1	*	*
9-11 years	200	12.4	0.5	0.043	*	*	11.8	11.9	12.1	12.3	12.6	12.8	13.1	*	*
12-14 years	139	12.7	0.6	0.062	*	*	12.0	12.1	12.3	12.6	13.0	13.3	13.4	*	*
15-19 years	195	12.5	0.5	0.047	*	*	11.9	12.1	12.3	12.6	12.8	13.1	13.1	*	*
20-29 years	381	12.6	0.5	0.035	*	11.8	12.0	12.0	12.2	12.5	12.9	13.1	13.2	13.4	*
30-39 years	435	12.6	0.7	0.039	*	11.8	11.9	12.0	12.2	12.6	13.0	13.2	13.4	13.8	*
40-49 years	414	12.8	0.8	0.048	*	11.9	12.1	12.2	12.4	12.7	13.2	13.4	13.6	13.9	*
50-59 years	410	13.0	0.8	0.052	*	11.9	12.1	12.3	12.4	12.9	13.3	13.6	13.8	14.6	*
60-69 years	493	13.1	0.8	0.047	*	12.0	12.3	12.4	12.6	13.0	13.6	13.8	14.1	14.8	*
70 years and over	1,014	13.5	1.2	0.047	*	12.3	12.4	12.6	12.8	13.3	13.9	14.4	14.8	15.4	*
Non-Hispanic black															
1 year and over	3,633	13.3	1.2	0.027	11.8	11.9	12.1	12.3	12.6	13.1	13.7	14.2	14.6	15.3	16.2
1-2 years	275	13.7	1.6	0.105	*	12.0	12.2	12.3	12.7	13.3	14.2	14.8	15.6	16.8	*
3-5 years	419	13.0	1.0	0.052	*	11.8	11.9	12.1	12.3	12.9	13.5	13.8	14.1	14.7	*
6-8 years	229	12.8	0.8	0.059	*	11.8	12.0	12.1	12.3	12.7	13.1	13.4	13.7	14.1	*
9-11 years	267	12.9	1.3	0.084	*	11.8	11.9	12.1	12.4	12.7	13.3	13.6	13.8	14.1	*
12-14 years	184	13.2	1.2	0.097	*	*	12.3	12.4	12.6	13.0	13.5	14.1	14.3	*	*
15-19 years	298	12.9	0.7	0.045	*	11.9	12.1	12.2	12.4	12.8	13.3	13.6	13.9	14.2	*
20-29 years	463	13.0	0.8	0.041	*	11.9	12.0	12.2	12.4	12.8	13.3	13.6	14.1	14.5	*
30-39 years	461	13.3	1.3	0.065	*	12.0	12.2	12.4	12.6	13.1	13.7	14.1	14.5	15.2	*
40-49 years	336	13.4	1.1	0.062	*	11.9	12.3	12.5	12.7	13.3	14.0	14.3	14.6	15.3	*
50-59 years	207	13.8	1.5	0.107	*	*	12.4	12.6	12.8	13.5	14.4	14.9	15.3	*	*
60-69 years	274	14.1	1.5	0.097	*	12.3	12.5	12.7	13.1	13.7	14.7	15.5	16.1	17.0	*
70 years and over	220	14.2	1.4	0.097	*	*	12.7	12.8	13.2	14.0	14.9	15.4	15.6	*	*
Mexican American															
1 year and over	3,951	12.9	0.9	0.022	11.8	11.9	12.1	12.2	12.4	12.7	13.1	13.4	13.7	14.1	14.6
1-2 years	298	13.6	1.7	0.118	*	*	12.3	12.4	12.6	13.1	14.0	14.7	15.9	*	*
3-5 years	466	12.8	0.9	0.050	*	11.8	11.9	12.1	12.3	12.7	13.1	13.4	13.7	14.2	*
6-8 years	250	12.6	0.5	0.040	*	*	12.0	12.2	12.3	12.6	12.9	13.1	13.3	*	*
9-11 years	272	12.6	0.9	0.065	*	*	11.9	12.0	12.2	12.5	12.9	13.1	13.4	*	*
12-14 years	191	12.8	0.6	0.050	*	*	12.2	12.3	12.4	12.8	13.1	13.4	13.6	*	*
15-19 years	304	12.8	0.6	0.043	*	12.0	12.1	12.3	12.4	12.8	13.1	13.3	13.6	13.8	*
20-29 years	647	12.7	0.6	0.026	*	11.9	12.0	12.1	12.3	12.6	12.9	13.2	13.4	13.6	*
30-39 years	450	12.8	0.6	0.033	*	12.0	12.1	12.2	12.4	12.7	13.1	13.3	13.4	13.8	*
40-49 years	369	13.0	1.0	0.064	*	12.1	12.3	12.4	12.5	12.8	13.2	13.4	13.7	14.1	*
50-59 years	175	13.2	1.0	0.091	*	*	12.4	12.5	12.6	12.9	13.4	13.9	14.2	*	*
60-69 years	330	13.3	1.4	0.091	*	12.2	12.4	12.4	12.6	13.1	13.7	14.0	14.3	15.4	*
70 years and over	199	13.6	1.2	0.103	*	*	12.6	12.8	12.9	13.4	13.9	14.4	15.0	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 21. Red cell distribution width in percentages for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,749	12.9	1.0	0.019	11.6	11.8	11.9	12.1	12.3	12.7	13.3	13.6	14.0	14.6	15.4
1–2 years	858	12.9	1.1	0.058	11.3	11.6	11.8	12.0	12.2	12.7	13.3	13.8	14.1	14.8	15.4
3–5 years	1,337	12.4	0.8	0.032	11.3	11.4	11.6	11.8	11.9	12.3	12.8	13.0	13.3	13.6	14.3
6–8 years	675	12.3	0.6	0.033	11.4	11.5	11.6	11.8	11.9	12.2	12.6	12.9	13.0	13.3	13.7
9–11 years	734	12.4	0.6	0.036	11.4	11.5	11.6	11.8	11.9	12.3	12.8	13.0	13.2	13.4	13.9
12–14 years	621	12.6	0.8	0.051	11.6	11.8	11.9	11.9	12.1	12.4	12.9	13.3	13.4	13.9	14.8
15–19 years	950	12.7	0.9	0.043	11.6	11.8	11.9	12.0	12.2	12.6	13.1	13.4	13.7	14.2	15.1
20–29 years	1,769	12.8	0.9	0.032	11.6	11.8	11.9	12.1	12.3	12.6	13.0	13.4	13.7	14.3	15.1
30–39 years	1,757	12.9	1.1	0.038	11.6	11.8	12.0	12.1	12.3	12.7	13.3	13.6	14.0	14.7	15.6
40–49 years	1,303	13.1	1.3	0.053	11.8	11.9	12.1	12.3	12.4	12.8	13.4	13.8	14.2	15.0	16.2
50–59 years	969	13.1	1.0	0.047	11.9	12.0	12.1	12.2	12.4	12.9	13.4	13.8	14.1	14.6	15.5
60–69 years	1,112	13.2	1.0	0.046	11.7	11.9	12.1	12.3	12.5	13.0	13.6	13.9	14.4	15.2	15.5
70 years and over	1,664	13.4	1.0	0.038	12.0	12.1	12.3	12.4	12.7	13.2	13.8	14.2	14.5	15.2	15.9
Non-Hispanic white															
1 year and over	5,030	12.8	0.9	0.021	11.6	11.8	11.9	12.1	12.3	12.6	13.2	13.5	13.8	14.3	15.0
1–2 years	270	12.8	1.0	0.068	*	11.6	11.8	11.9	12.1	12.6	13.2	13.6	13.9	14.4	*
3–5 years	332	12.2	0.6	0.036	*	11.4	11.6	11.7	11.8	12.2	12.6	12.8	12.9	13.3	*
6–8 years	175	12.2	0.5	0.042	*	*	11.5	11.7	11.9	12.1	12.4	12.6	12.8	*	*
9–11 years	186	12.3	0.6	0.050	*	*	11.6	11.8	11.9	12.3	12.7	12.9	13.1	*	*
12–14 years	154	12.6	0.9	0.080	*	*	11.8	11.9	12.1	12.4	12.9	13.2	13.4	*	*
15–19 years	270	12.6	0.7	0.051	*	11.8	11.8	11.9	12.1	12.4	12.8	13.1	13.3	13.9	*
20–29 years	477	12.6	0.7	0.036	*	11.7	11.9	12.1	12.3	12.6	12.9	13.2	13.4	13.8	*
30–39 years	572	12.7	0.8	0.037	*	11.8	11.9	12.1	12.2	12.6	13.1	13.4	13.6	14.1	*
40–49 years	457	12.9	1.1	0.060	*	11.8	12.1	12.2	12.4	12.7	13.3	13.5	13.8	14.6	*
50–59 years	473	13.0	0.9	0.046	*	11.9	12.1	12.2	12.4	12.8	13.3	13.6	13.9	14.3	*
60–69 years	473	13.1	1.0	0.054	*	11.9	12.1	12.3	12.5	12.9	13.4	13.8	14.3	14.9	*
70 years and over	1,191	13.3	1.0	0.034	*	12.1	12.3	12.4	12.6	13.1	13.7	14.1	14.4	14.9	*
Non-Hispanic black															
1 year and over	4,116	13.4	1.4	0.029	11.8	11.9	12.2	12.3	12.6	13.1	13.9	14.4	14.9	15.8	16.9
1–2 years	265	13.2	1.1	0.076	*	11.9	12.1	12.3	12.4	13.0	13.8	14.1	14.6	15.3	*
3–5 years	433	12.7	0.9	0.049	*	11.6	11.8	11.9	12.1	12.6	13.1	13.4	13.9	14.4	*
6–8 years	220	12.7	0.7	0.051	*	*	11.9	12.0	12.2	12.6	13.1	13.3	13.5	*	*
9–11 years	252	12.7	0.8	0.058	*	11.8	11.9	12.0	12.3	12.6	13.1	13.4	13.6	14.3	*
12–14 years	220	12.9	0.9	0.072	*	*	12.1	12.1	12.3	12.7	13.1	13.5	13.9	*	*
15–19 years	326	13.4	1.2	0.078	*	12.1	12.2	12.4	12.6	13.2	13.8	14.5	15.0	15.8	*
20–29 years	589	13.4	1.4	0.065	*	11.9	12.1	12.3	12.6	13.1	13.8	14.3	14.7	15.4	*
30–39 years	602	13.5	1.5	0.068	*	12.1	12.3	12.4	12.7	13.1	13.9	14.4	15.0	16.1	*
40–49 years	425	13.9	1.8	0.098	*	12.2	12.3	12.5	12.9	13.5	14.4	14.8	15.3	16.9	*
50–59 years	256	13.7	1.4	0.099	*	12.3	12.4	12.6	12.8	13.4	14.2	14.7	15.1	15.9	*
60–69 years	276	13.7	1.1	0.077	*	12.1	12.4	12.6	12.9	13.6	14.3	14.9	15.2	15.9	*
70 years and over	252	14.0	1.3	0.092	*	12.4	12.8	13.0	13.2	13.8	14.6	15.0	15.5	16.1	*
Mexican American															
1 year and over	3,994	13.0	1.1	0.029	11.6	11.8	11.9	12.1	12.3	12.7	13.3	13.7	14.0	14.9	16.0
1–2 years	285	13.1	1.5	0.107	*	*	11.8	11.9	12.1	12.8	13.4	14.0	14.4	*	*
3–5 years	506	12.6	0.8	0.044	*	11.6	11.7	11.8	12.0	12.4	12.9	13.2	13.5	14.0	*
6–8 years	257	12.5	0.6	0.044	*	*	11.8	11.9	12.1	12.4	12.8	13.1	13.3	*	*
9–11 years	265	12.5	0.7	0.049	*	*	11.8	11.9	12.1	12.4	12.9	13.1	13.4	*	*
12–14 years	218	12.5	0.6	0.049	*	*	11.8	11.9	12.1	12.6	12.9	13.1	13.3	*	*
15–19 years	297	12.9	1.1	0.079	*	11.9	12.1	12.1	12.3	12.7	13.2	13.7	13.9	15.2	*
20–29 years	632	12.9	1.0	0.049	*	11.9	12.0	12.1	12.3	12.7	13.2	13.7	14.1	14.7	*
30–39 years	504	13.2	1.3	0.070	*	11.9	12.1	12.3	12.4	12.9	13.5	13.9	14.4	15.6	*
40–49 years	356	13.4	1.5	0.100	*	12.0	12.2	12.3	12.5	13.0	13.6	14.4	15.3	16.6	*
50–59 years	185	13.2	1.2	0.110	*	*	12.3	12.4	12.5	12.9	13.6	13.7	14.3	*	*
60–69 years	317	13.2	0.9	0.065	*	12.0	12.3	12.4	12.6	13.0	13.6	13.9	14.3	14.8	*
70 years and over	172	13.6	1.3	0.119	*	*	12.4	12.7	12.9	13.4	13.8	14.1	14.5	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 22. Platelet count as 10⁹ cells per liter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,367	283	74.0	1.804	165	181	200	213	232	275	323	353	376	414	453
1–2 years	1,788	370	93.2	4.544	238	249	267	280	304	358	422	478	502	546	595
3–5 years	2,618	352	78.9	3.178	225	240	261	275	301	345	396	426	450	489	532
6–8 years	1,384	336	75.9	4.206	225	235	250	265	285	327	375	409	427	462	504
9–11 years	1,507	316	65.4	3.473	214	225	238	249	269	311	354	384	408	434	469
12–14 years	1,161	295	62.9	3.805	189	204	223	233	251	291	338	359	380	408	426
15–19 years	1,785	279	60.7	2.963	180	196	210	220	237	273	314	339	353	386	416
20–29 years	3,330	271	63.9	2.284	164	180	196	209	227	267	307	333	350	385	420
30–39 years	3,158	274	66.7	2.445	169	184	199	211	228	265	313	341	365	394	422
40–49 years	2,467	272	69.0	2.864	164	175	190	206	223	265	311	343	360	390	423
50–59 years	1,802	275	70.3	3.414	161	180	196	210	231	269	310	340	358	395	433
60–69 years	2,242	266	70.5	3.070	146	167	189	202	221	259	304	328	350	383	430
70 years and over	3,125	259	76.6	2.824	143	157	177	187	208	248	298	330	352	392	440
Non-Hispanic white															
1 year and over	9,516	278	72.2	2.019	164	180	197	210	229	271	318	348	368	405	442
1–2 years	566	370	90.6	5.465	*	249	266	277	303	357	415	472	495	540	*
3–5 years	655	346	76.7	4.300	*	240	260	273	295	339	389	416	443	478	*
6–8 years	365	336	77.3	5.810	*	235	250	265	284	327	375	410	426	462	*
9–11 years	386	311	64.2	4.689	*	225	235	247	266	306	345	378	394	428	*
12–14 years	293	292	62.1	5.208	*	*	219	231	248	289	335	356	375	*	*
15–19 years	464	275	58.1	3.873	*	197	209	219	236	271	311	333	350	373	*
20–29 years	857	268	62.3	3.056	*	180	195	206	224	265	306	331	349	376	*
30–39 years	1,007	269	64.5	2.916	*	185	198	210	225	261	302	336	356	389	*
40–49 years	871	269	66.9	3.252	*	175	187	205	222	263	306	335	355	379	*
50–59 years	883	277	68.8	3.324	*	180	197	211	232	271	311	339	358	395	*
60–69 years	966	265	70.8	3.270	*	167	188	202	221	257	303	328	349	380	*
70 years and over	2,203	259	76.6	2.342	*	156	176	187	207	248	298	332	353	394	*
Non-Hispanic black															
1 year and over	7,749	298	80.9	1.748	168	186	205	220	244	290	342	375	400	440	481
1–2 years	540	391	96.4	5.549	*	257	281	295	322	378	446	497	522	568	*
3–5 years	852	365	88.1	4.036	*	245	269	284	307	350	411	448	474	528	*
6–8 years	449	341	73.2	4.622	*	233	252	268	291	338	384	408	426	469	*
9–11 years	519	331	67.2	3.946	*	230	250	265	285	329	370	398	418	455	*
12–14 years	404	306	64.0	4.259	*	206	234	248	265	303	341	372	395	416	*
15–19 years	624	293	68.1	3.645	*	196	208	223	244	290	330	363	384	413	*
20–29 years	1,052	285	73.2	3.021	*	179	200	214	237	277	322	353	373	418	*
30–39 years	1,063	284	72.8	2.986	*	178	197	210	232	279	328	356	376	411	*
40–49 years	761	285	75.6	3.668	*	183	200	214	234	276	331	360	384	428	*
50–59 years	463	276	75.9	4.718	*	180	199	208	230	268	306	337	358	403	*
60–69 years	550	273	74.0	4.222	*	164	186	204	225	268	313	345	370	400	*
70 years and over	472	264	83.1	5.115	*	166	182	192	208	256	301	329	350	392	*
Mexican American															
1 year and over	7,945	298	79.5	2.506	174	188	208	222	245	289	344	375	399	441	479
1–2 years	583	385	102.8	6.826	*	254	271	284	310	370	446	487	513	575	*
3–5 years	972	351	84.7	4.355	*	228	247	265	289	346	401	439	462	506	*
6–8 years	507	349	74.9	5.330	*	246	255	277	298	343	393	429	452	479	*
9–11 years	537	328	69.1	4.777	*	239	251	258	277	319	369	402	421	459	*
12–14 years	409	312	70.2	5.565	*	220	231	241	263	303	353	383	409	443	*
15–19 years	601	287	68.6	4.485	*	188	209	222	242	280	325	359	375	402	*
20–29 years	1,279	279	66.5	2.980	*	182	200	214	234	270	320	345	364	390	*
30–39 years	954	283	69.5	3.606	*	183	205	217	235	274	325	349	375	404	*
40–49 years	725	283	74.5	4.435	*	183	197	205	233	276	331	351	374	414	*
50–59 years	360	277	77.6	6.555	*	169	187	197	226	273	317	357	381	419	*
60–69 years	647	266	70.0	4.410	*	171	189	199	213	260	310	338	354	388	*
70 years and over	371	261	71.1	5.914	*	168	181	192	211	252	302	335	349	378	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 23. Platelet count as 10⁹ cells per liter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,620	273	72.92	2.568	159	176	192	205	224	266	311	341	363	403	442
1–2 years	930	373	95.74	5.686	232	252	268	280	303	356	421	483	509	551	605
3–5 years	1,281	344	75.45	3.818	218	239	257	271	290	336	385	412	441	479	518
6–8 years	709	336	81.86	5.568	224	233	248	263	285	323	374	410	425	474	512
9–11 years	773	319	66.33	4.321	223	231	245	251	272	310	356	385	414	451	471
12–14 years	540	294	59.01	4.599	189	202	229	236	253	289	328	355	377	404	421
15–19 years	836	268	56.33	3.529	173	190	202	211	231	266	303	321	340	363	401
20–29 years	1,561	257	58.26	2.671	153	175	191	199	217	255	289	315	329	352	382
30–39 years	1,401	263	61.04	2.954	166	180	194	207	222	256	295	320	344	380	400
40–49 years	1,164	258	64.18	3.407	160	171	187	196	214	249	293	318	343	370	397
50–59 years	833	263	66.66	4.183	158	175	187	199	220	258	295	322	341	381	417
60–69 years	1,130	252	71.48	3.851	124	158	178	189	207	247	292	315	333	359	412
70 years and over	1,462	244	73.86	3.498	138	153	167	178	196	232	280	307	335	372	439
Non-Hispanic white															
1 year and over	4,488	269	71.29	2.905	157	173	190	202	222	262	305	336	355	395	432
1–2 years	296	373	94.93	7.023	*	255	269	286	303	355	414	484	509	550	*
3–5 years	323	336	74.22	5.256	*	239	255	269	282	329	379	406	425	461	*
6–8 years	190	336	83.80	7.738	*	*	250	266	286	322	374	409	424	*	*
9–11 years	200	313	63.55	5.719	*	*	244	250	269	299	347	374	410	*	*
12–14 years	139	291	58.35	6.299	*	*	225	234	250	289	326	350	363	*	*
15–19 years	195	266	53.72	4.897	*	*	202	211	231	264	298	319	339	*	*
20–29 years	380	254	56.61	3.696	*	179	191	199	214	252	283	315	325	349	*
30–39 years	435	261	59.49	3.631	*	184	195	208	222	254	289	314	341	375	*
40–49 years	414	256	63.60	3.978	*	171	187	193	213	248	292	315	341	363	*
50–59 years	410	264	65.71	4.131	*	175	187	201	221	258	295	322	340	384	*
60–69 years	493	252	72.38	4.149	*	158	175	188	207	245	290	315	336	359	*
70 years and over	1,013	243	73.36	2.934	*	152	166	178	195	232	280	307	335	372	*
Non-Hispanic black															
1 year and over	3,633	285	79.59	2.512	164	177	195	208	231	277	328	360	386	428	470
1–2 years	275	387	95.09	7.185	*	263	273	288	308	379	449	497	523	556	*
3–5 years	419	358	80.48	4.927	*	249	270	281	305	344	399	440	465	508	*
6–8 years	229	340	75.58	6.258	*	233	251	268	285	338	382	403	425	469	*
9–11 years	267	330	70.94	5.440	*	222	241	256	279	331	370	406	424	456	*
12–14 years	184	304	59.62	5.507	*	*	232	246	262	300	338	369	395	*	*
15–19 years	298	276	66.89	4.855	*	181	196	203	231	277	310	329	357	384	*
20–29 years	463	263	62.45	3.636	*	169	186	200	218	261	298	318	342	369	*
30–39 years	461	263	63.49	3.705	*	173	187	194	217	258	301	330	344	373	*
40–49 years	336	262	67.79	4.634	*	165	187	198	218	256	302	328	344	388	*
50–59 years	207	270	80.09	6.975	*	*	194	205	221	259	293	328	346	*	*
60–69 years	274	257	69.61	5.269	*	161	184	195	213	249	298	321	336	373	*
70 years and over	220	255	87.18	7.365	*	*	171	182	199	240	290	316	350	*	*
Mexican American															
1 year and over	3,951	287	77.83	3.480	168	182	200	213	235	276	330	364	384	429	473
1–2 years	298	386	106.41	9.246	*	*	264	283	309	368	451	487	513	*	*
3–5 years	466	349	80.09	5.565	*	228	248	265	292	343	400	432	455	493	*
6–8 years	250	344	76.37	7.245	*	*	252	273	290	332	384	423	447	*	*
9–11 years	272	326	72.86	6.627	*	*	248	253	270	317	365	399	422	*	*
12–14 years	191	308	66.40	7.207	*	*	231	242	258	302	350	377	406	*	*
15–19 years	304	272	60.52	5.206	*	184	203	216	231	260	309	340	360	381	*
20–29 years	647	267	62.73	3.699	*	175	193	209	225	261	306	331	345	370	*
30–39 years	450	268	61.79	4.369	*	179	195	208	225	264	307	328	347	379	*
40–49 years	369	262	63.55	4.962	*	175	188	200	213	262	299	332	349	374	*
50–59 years	175	264	79.11	8.970	*	*	180	188	205	257	300	339	364	*	*
60–69 years	330	251	61.88	5.109	*	167	189	199	210	247	286	311	329	357	*
70 years and over	199	244	65.90	7.006	*	*	169	181	199	234	269	306	327	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 24. Platelet count as 10⁹ cells per liter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,747	292.0	73.97	2.496	172	188	208	221	240	284	334	363	385	421	460
1–2 years	858	374.0	90.25	5.554	241	248	264	277	306	366	425	472	496	539	588
3–5 years	1,337	361.0	81.37	4.012	231	242	266	283	307	353	410	438	463	503	552
6–8 years	675	336.0	68.37	4.744	228	241	256	266	285	331	376	408	430	461	483
9–11 years	734	314.0	64.35	4.282	210	218	233	247	266	313	351	383	395	430	457
12–14 years	621	297.0	66.92	4.841	188	207	221	228	249	291	344	370	380	413	443
15–19 years	949	289.0	62.96	3.684	192	203	219	230	244	282	324	351	367	401	428
20–29 years	1,769	284.0	66.39	2.846	172	186	208	218	237	279	324	350	370	398	442
30–39 years	1,757	284.0	70.16	3.018	174	187	205	215	233	276	328	356	378	406	432
40–49 years	1,303	285.0	70.78	3.535	169	182	204	220	236	277	327	358	371	406	439
50–59 years	969	287.0	71.74	4.155	175	190	207	223	240	281	324	350	369	406	459
60–69 years	1,112	277.0	67.55	3.652	165	182	203	214	233	270	313	339	361	399	437
70 years and over	1,663	269.0	76.76	3.394	145	166	184	200	217	261	310	341	361	404	441
Non-Hispanic white															
1 year and over	5,028	287.0	71.89	2.767	170	186	207	219	237	280	329	358	377	413	450
1–2 years	270	368.0	85.32	6.710	*	244	263	273	301	363	418	460	485	528	*
3–5 years	332	358.0	77.66	5.508	*	245	268	283	307	352	407	426	448	494	*
6–8 years	175	335.0	68.84	6.725	*	*	255	264	284	331	376	418	431	*	*
9–11 years	186	309.0	64.73	6.133	*	*	227	238	256	307	344	380	390	*	*
12–14 years	154	293.0	66.42	6.916	*	*	218	226	247	289	344	363	378	*	*
15–19 years	269	285.0	60.76	4.788	*	203	219	228	242	281	318	342	352	392	*
20–29 years	477	281.0	64.73	3.830	*	183	206	216	234	277	320	349	365	395	*
30–39 years	572	278.0	68.04	3.677	*	186	202	211	229	271	320	348	371	394	*
40–49 years	457	282.0	67.58	4.085	*	180	205	220	234	275	323	352	366	392	*
50–59 years	473	288.0	69.52	4.131	*	194	209	223	241	283	325	347	368	402	*
60–69 years	473	277.0	67.19	3.993	*	182	205	215	233	270	312	336	359	395	*
70 years and over	1,190	269.0	76.93	2.882	*	165	184	200	217	261	312	343	363	410	*
Non-Hispanic black															
1 year and over	4,116	309.0	80.33	2.382	178	198	217	233	256	301	352	386	408	449	490
1–2 years	265	395.0	97.52	7.337	*	254	292	302	329	377	441	497	521	591	*
3–5 years	433	372.0	94.66	5.571	*	241	269	292	313	358	419	458	495	565	*
6–8 years	220	342.0	70.76	5.843	*	*	252	273	295	339	387	415	430	*	*
9–11 years	252	332.0	63.13	4.871	*	242	259	271	289	326	370	395	413	455	*
12–14 years	220	309.0	67.41	5.567	*	*	235	249	267	305	343	372	393	*	*
15–19 years	326	311.0	64.73	4.391	*	214	225	241	262	307	354	384	402	430	*
20–29 years	589	303.0	76.53	3.862	*	197	217	236	253	295	344	372	397	440	*
30–39 years	602	301.0	75.29	3.758	*	197	211	226	252	297	347	375	400	434	*
40–49 years	425	303.0	76.61	4.551	*	198	217	231	248	295	351	379	403	439	*
50–59 years	256	282.0	71.80	5.496	*	194	203	216	236	278	322	343	366	403	*
60–69 years	276	284.0	75.02	5.531	*	170	200	219	238	280	317	355	389	424	*
70 years and over	252	269.0	79.85	6.161	*	173	187	198	219	264	305	330	348	375	*
Mexican American															
1 year and over	3,994	311.0	79.35	3.529	182	197	221	235	257	303	357	388	411	450	487
1–2 years	285	384.0	98.77	7.739	*	*	274	284	310	375	441	487	509	*	*
3–5 years	506	354.0	88.95	5.231	*	228	242	267	285	350	403	445	473	520	*
6–8 years	257	354.0	73.06	6.029	*	*	262	284	303	351	393	436	452	*	*
9–11 years	265	331.0	64.24	5.220	*	*	256	268	287	321	371	404	418	*	*
12–14 years	218	315.0	73.13	6.552	*	*	234	241	267	303	359	385	409	*	*
15–19 years	297	302.0	73.33	5.629	*	203	224	233	256	293	343	372	396	425	*
20–29 years	632	293.0	68.13	3.585	*	195	215	229	249	285	338	362	376	411	*
30–39 years	504	300.0	73.42	4.326	*	199	217	227	244	297	342	375	399	422	*
40–49 years	356	305.0	78.67	5.515	*	195	211	231	252	302	344	374	406	448	*
50–59 years	185	289.0	74.06	7.203	*	*	199	216	246	279	340	370	394	*	*
60–69 years	317	277.0	73.70	5.476	*	177	190	196	220	271	328	354	376	400	*
70 years and over	172	278.0	71.91	7.253	*	*	193	205	228	274	327	348	362	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 25. Mean platelet volume in femtoliter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,373	8.3	1.0	0.020	6.7	6.9	7.2	7.3	7.7	8.2	8.9	9.3	9.6	10.0	10.4
1–2 years	1,789	7.4	0.7	0.032	6.2	6.3	6.5	6.7	6.9	7.3	7.8	8.1	8.3	8.6	8.9
3–5 years	2,619	7.7	1.0	0.037	6.4	6.6	6.8	6.9	7.1	7.6	8.1	8.4	8.6	9.0	9.3
6–8 years	1,384	7.9	0.8	0.039	6.6	6.8	6.9	7.1	7.3	7.8	8.4	8.7	8.9	9.3	9.6
9–11 years	1,507	8.1	0.8	0.040	6.7	6.9	7.1	7.3	7.5	8.1	8.6	8.9	9.1	9.5	9.8
12–14 years	1,161	8.1	0.9	0.048	6.5	6.8	7.0	7.2	7.4	8.0	8.6	8.9	9.1	9.6	10.1
15–19 years	1,786	8.3	0.9	0.041	6.8	6.9	7.2	7.3	7.7	8.2	8.8	9.1	9.5	10.0	10.4
20–29 years	3,331	8.4	1.0	0.031	6.8	7.1	7.3	7.5	7.8	8.3	8.9	9.4	9.7	10.1	10.4
30–39 years	3,158	8.4	0.9	0.030	6.8	7.0	7.3	7.5	7.8	8.3	8.9	9.3	9.6	10.0	10.3
40–49 years	2,467	8.5	1.0	0.037	6.8	7.1	7.3	7.6	7.8	8.4	9.1	9.5	9.8	10.3	10.7
50–59 years	1,802	8.4	1.0	0.043	6.8	7.1	7.3	7.4	7.8	8.4	9.0	9.4	9.7	10.1	10.5
60–69 years	2,242	8.5	1.3	0.050	6.8	7.0	7.3	7.4	7.8	8.4	9.0	9.4	9.7	10.2	10.8
70 years and over	3,127	8.4	1.0	0.034	6.7	6.9	7.2	7.4	7.7	8.3	9.0	9.4	9.7	10.1	10.6
Non-Hispanic white															
1 year and over	9,523	8.3	1.0	0.024	6.7	6.9	7.2	7.4	7.7	8.2	8.9	9.3	9.5	9.9	10.4
1–2 years	567	7.4	0.7	0.041	*	6.4	6.5	6.7	6.8	7.3	7.8	8.1	8.3	8.6	*
3–5 years	656	7.6	1.1	0.060	*	6.5	6.8	6.9	7.1	7.6	8.1	8.4	8.6	8.9	*
6–8 years	365	7.9	0.8	0.053	*	6.8	6.9	7.1	7.3	7.8	8.3	8.7	8.9	9.3	*
9–11 years	386	8.1	0.8	0.054	*	6.9	7.2	7.3	7.5	8.1	8.6	9.0	9.2	9.5	*
12–14 years	293	8.1	0.9	0.069	*	*	7.0	7.3	7.5	8.1	8.6	8.9	9.1	*	*
15–19 years	465	8.3	0.9	0.058	*	6.9	7.2	7.4	7.7	8.2	8.8	9.1	9.4	9.9	*
20–29 years	858	8.4	1.0	0.043	*	7.1	7.3	7.5	7.8	8.3	8.9	9.3	9.6	10.0	*
30–39 years	1,007	8.4	0.9	0.037	*	7.1	7.3	7.5	7.8	8.3	8.9	9.2	9.4	9.9	*
40–49 years	871	8.5	1.0	0.044	*	7.1	7.3	7.6	7.8	8.4	9.1	9.5	9.7	10.2	*
50–59 years	883	8.4	0.9	0.043	*	7.0	7.3	7.4	7.8	8.3	9.0	9.3	9.6	10.0	*
60–69 years	967	8.4	1.3	0.056	*	7.0	7.3	7.4	7.7	8.3	9.0	9.4	9.6	10.1	*
70 years and over	2,205	8.4	1.0	0.028	*	6.9	7.2	7.4	7.7	8.3	9.0	9.4	9.7	10.1	*
Non-Hispanic black															
1 year and over	7,749	8.4	1.0	0.023	6.7	6.9	7.2	7.4	7.7	8.3	9.0	9.4	9.7	10.2	10.6
1–2 years	540	7.5	0.7	0.042	*	6.5	6.6	6.7	7.0	7.4	7.9	8.3	8.4	8.8	*
3–5 years	852	7.8	0.9	0.039	*	6.7	6.8	7.0	7.3	7.7	8.3	8.8	9.0	9.3	*
6–8 years	449	8.0	0.8	0.052	*	6.8	7.0	7.2	7.4	7.9	8.5	8.8	9.0	9.6	*
9–11 years	519	8.2	0.8	0.049	*	6.8	7.2	7.3	7.7	8.1	8.7	8.9	9.2	9.6	*
12–14 years	404	8.1	0.9	0.059	*	6.8	7.1	7.3	7.5	8.0	8.8	9.1	9.2	9.6	*
15–19 years	624	8.4	0.9	0.048	*	7.0	7.4	7.5	7.8	8.4	8.9	9.3	9.5	9.8	*
20–29 years	1,052	8.5	1.0	0.041	*	7.2	7.4	7.6	7.8	8.4	9.1	9.5	9.8	10.2	*
30–39 years	1,063	8.5	1.0	0.041	*	7.1	7.3	7.5	7.8	8.4	9.2	9.6	9.9	10.3	*
40–49 years	761	8.6	1.0	0.047	*	7.1	7.4	7.6	7.9	8.5	9.1	9.5	9.8	10.2	*
50–59 years	463	8.7	1.0	0.065	*	7.2	7.4	7.7	8.0	8.6	9.3	9.8	10.1	10.5	*
60–69 years	550	8.6	1.0	0.058	*	7.1	7.3	7.5	7.8	8.5	9.1	9.5	9.9	10.5	*
70 years and over	472	8.6	1.2	0.073	*	7.0	7.3	7.5	7.7	8.4	9.1	9.7	10.1	10.5	*
Mexican American															
1 year and over	7,944	8.3	1.0	0.029	6.6	6.8	7.1	7.3	7.6	8.2	8.9	9.3	9.5	9.9	10.4
1–2 years	583	7.3	0.7	0.044	*	6.3	6.5	6.6	6.8	7.3	7.8	8.0	8.3	8.5	*
3–5 years	972	7.7	0.8	0.039	*	6.6	6.8	6.9	7.2	7.6	8.2	8.5	8.8	9.2	*
6–8 years	507	7.9	0.8	0.053	*	6.7	7.0	7.1	7.3	7.8	8.3	8.7	9.0	9.4	*
9–11 years	537	8.2	1.0	0.064	*	6.9	7.2	7.3	7.6	8.0	8.7	9.1	9.4	9.8	*
12–14 years	409	8.1	0.9	0.068	*	6.8	7.0	7.2	7.6	8.1	8.6	8.9	9.1	9.4	*
15–19 years	601	8.3	0.9	0.058	*	6.9	7.2	7.3	7.6	8.2	8.8	9.3	9.6	10.0	*
20–29 years	1,279	8.4	0.9	0.039	*	7.0	7.3	7.5	7.8	8.3	8.9	9.4	9.6	10.1	*
30–39 years	954	8.5	1.0	0.047	*	7.1	7.3	7.5	7.8	8.4	9.1	9.5	9.8	10.0	*
40–49 years	725	8.6	1.0	0.058	*	7.2	7.5	7.7	7.9	8.5	9.1	9.5	9.8	10.3	*
50–59 years	360	8.6	1.1	0.090	*	7.2	7.3	7.5	7.8	8.4	9.2	9.6	9.9	10.6	*
60–69 years	646	8.6	1.0	0.058	*	7.0	7.3	7.5	7.9	8.6	9.1	9.4	9.7	10.3	*
70 years and over	371	8.3	1.0	0.076	*	7.0	7.2	7.4	7.7	8.3	8.9	9.2	9.5	9.9	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 26. Mean platelet volume in femtoliter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,624	8.3	1.0	0.030	6.6	6.9	7.2	7.3	7.6	8.2	8.8	9.2	9.4	9.9	10.3
1–2 years	931	7.4	0.7	0.037	6.3	6.4	6.5	6.7	6.9	7.3	7.8	8.1	8.3	8.6	8.9
3–5 years	1,282	7.7	1.2	0.055	6.4	6.6	6.8	6.9	7.2	7.7	8.1	8.4	8.7	9.1	9.3
6–8 years	709	7.9	0.7	0.045	6.6	6.8	7.0	7.1	7.3	7.8	8.3	8.6	8.9	9.2	9.5
9–11 years	773	8.1	0.8	0.049	6.6	6.8	7.1	7.3	7.5	8.1	8.6	8.9	9.1	9.4	9.7
12–14 years	540	8.0	0.8	0.058	6.5	6.8	7.0	7.2	7.5	8.0	8.6	8.9	9.1	9.3	9.7
15–19 years	836	8.2	0.9	0.050	6.8	6.8	7.1	7.3	7.6	8.2	8.7	9.0	9.3	9.7	10.1
20–29 years	1,562	8.4	1.0	0.040	6.8	7.0	7.3	7.5	7.8	8.3	9.0	9.4	9.8	10.1	10.5
30–39 years	1,401	8.3	0.9	0.038	6.8	6.9	7.3	7.5	7.7	8.3	8.8	9.1	9.4	9.8	10.2
40–49 years	1,164	8.5	1.0	0.048	6.9	7.1	7.3	7.5	7.8	8.4	9.1	9.4	9.7	10.2	10.7
50–59 years	833	8.3	1.0	0.055	6.7	6.9	7.2	7.3	7.7	8.3	8.9	9.3	9.5	10.1	10.3
60–69 years	1,130	8.4	1.5	0.074	6.8	7.0	7.3	7.4	7.7	8.3	8.9	9.3	9.6	10.0	10.6
70 years and over	1,463	8.3	1.0	0.042	6.7	6.9	7.1	7.3	7.7	8.3	8.9	9.3	9.6	10.1	10.5
Non-Hispanic white															
1 year and over	4,493	8.3	1.0	0.036	6.7	6.9	7.2	7.3	7.7	8.2	8.8	9.2	9.4	9.9	10.3
1–2 years	297	7.3	0.7	0.046	*	6.4	6.5	6.7	6.8	7.3	7.8	8.1	8.3	8.6	*
3–5 years	324	7.7	1.4	0.093	*	6.6	6.8	6.9	7.2	7.6	8.1	8.4	8.6	8.9	*
6–8 years	190	7.9	0.7	0.061	*	*	6.9	7.1	7.3	7.8	8.3	8.6	8.8	*	*
9–11 years	200	8.1	0.8	0.066	*	*	7.1	7.3	7.5	8.1	8.6	8.9	9.1	*	*
12–14 years	139	8.1	0.8	0.080	*	*	7.0	7.3	7.6	8.1	8.6	8.9	9.1	*	*
15–19 years	195	8.2	0.9	0.073	*	*	7.1	7.3	7.7	8.2	8.7	8.9	9.1	*	*
20–29 years	381	8.4	0.9	0.057	*	7.0	7.3	7.5	7.8	8.3	8.9	9.3	9.7	10.0	*
30–39 years	435	8.3	0.9	0.048	*	7.0	7.3	7.5	7.7	8.3	8.8	9.1	9.3	9.7	*
40–49 years	414	8.5	1.0	0.059	*	7.1	7.3	7.5	7.8	8.4	9.1	9.4	9.7	10.3	*
50–59 years	410	8.3	1.0	0.057	*	6.9	7.2	7.3	7.7	8.2	8.9	9.3	9.7	10.1	*
60–69 years	494	8.4	1.6	0.086	*	7.0	7.3	7.3	7.6	8.3	8.9	9.3	9.6	10.0	*
70 years and over	1,014	8.3	1.0	0.036	*	6.9	7.1	7.3	7.7	8.3	8.9	9.3	9.6	10.1	*
Non-Hispanic black															
1 year and over	3,633	8.3	1.0	0.033	6.7	6.9	7.2	7.4	7.7	8.3	8.9	9.3	9.6	10.1	10.4
1–2 years	275	7.5	0.8	0.056	*	6.4	6.6	6.8	7.0	7.5	8.0	8.3	8.4	8.8	*
3–5 years	419	7.8	0.8	0.049	*	6.7	6.8	7.0	7.3	7.8	8.3	8.8	9.0	9.2	*
6–8 years	229	8.0	0.8	0.067	*	6.8	7.0	7.2	7.4	7.9	8.5	8.8	9.1	9.6	*
9–11 years	267	8.2	0.9	0.068	*	6.8	7.2	7.3	7.6	8.1	8.7	9.0	9.3	9.7	*
12–14 years	184	8.1	0.9	0.079	*	*	7.1	7.3	7.5	8.0	8.6	9.0	9.1	*	*
15–19 years	298	8.3	0.9	0.065	*	7.0	7.3	7.5	7.8	8.3	8.9	9.3	9.4	9.9	*
20–29 years	463	8.5	1.1	0.062	*	7.2	7.4	7.5	7.8	8.4	9.1	9.6	10.1	10.4	*
30–39 years	461	8.5	1.0	0.058	*	7.0	7.3	7.4	7.7	8.4	9.1	9.7	10.0	10.3	*
40–49 years	336	8.5	0.9	0.062	*	7.1	7.3	7.5	7.8	8.4	9.0	9.5	9.8	10.1	*
50–59 years	207	8.5	1.0	0.084	*	*	7.3	7.7	7.9	8.5	9.1	9.4	9.7	*	*
60–69 years	274	8.4	0.9	0.064	*	7.0	7.3	7.5	7.8	8.4	9.0	9.3	9.6	9.9	*
70 years and over	220	8.4	1.2	0.103	*	*	7.2	7.4	7.6	8.3	9.0	9.6	9.9	*	*
Mexican American															
1 year and over	3,950	8.3	1.0	0.041	6.6	6.8	7.1	7.3	7.6	8.2	8.8	9.2	9.5	9.9	10.3
1–2 years	298	7.3	0.7	0.054	*	*	6.5	6.6	6.8	7.3	7.7	7.9	8.3	*	*
3–5 years	466	7.8	0.8	0.052	*	6.5	6.8	6.8	7.2	7.7	8.3	8.6	8.9	9.2	*
6–8 years	250	7.9	0.8	0.065	*	*	7.0	7.1	7.3	7.8	8.4	8.7	9.1	*	*
9–11 years	272	8.2	1.1	0.089	*	*	7.2	7.3	7.6	8.0	8.8	9.1	9.4	*	*
12–14 years	191	8.1	1.1	0.102	*	*	7.1	7.2	7.5	8.0	8.6	8.9	9.1	*	*
15–19 years	304	8.3	0.9	0.068	*	7.0	7.3	7.4	7.7	8.2	8.9	9.2	9.5	9.8	*
20–29 years	647	8.3	0.9	0.047	*	6.9	7.3	7.4	7.7	8.3	8.9	9.3	9.5	10.0	*
30–39 years	450	8.4	0.9	0.059	*	7.0	7.3	7.5	7.8	8.4	9.1	9.4	9.6	9.9	*
40–49 years	369	8.6	1.0	0.070	*	7.2	7.5	7.7	7.9	8.5	9.1	9.4	9.7	10.1	*
50–59 years	175	8.5	1.2	0.116	*	*	7.3	7.5	7.8	8.4	9.0	9.5	9.9	*	*
60–69 years	329	8.5	0.9	0.068	*	7.0	7.3	7.5	7.9	8.5	9.1	9.3	9.4	9.9	*
70 years and over	199	8.2	0.9	0.085	*	*	7.1	7.3	7.6	8.2	8.9	9.1	9.3	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 27. Mean platelet volume in femtoliter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,749	8.3	1.0	0.028	6.7	6.9	7.2	7.4	7.7	8.3	8.9	9.3	9.6	10.1	10.5
1–2 years	858	7.4	0.8	0.045	6.2	6.3	6.5	6.7	6.9	7.3	7.8	8.2	8.4	8.6	8.9
3–5 years	1,337	7.6	0.8	0.036	6.3	6.6	6.7	6.8	7.1	7.6	8.1	8.4	8.6	8.9	9.3
6–8 years	675	7.9	0.8	0.053	6.7	6.7	6.9	7.1	7.3	7.8	8.4	8.7	9.1	9.3	9.6
9–11 years	734	8.1	0.8	0.052	6.8	6.9	7.2	7.3	7.4	8.1	8.6	8.9	9.2	9.6	9.8
12–14 years	621	8.1	0.9	0.064	6.6	6.8	7.0	7.2	7.4	8.0	8.6	8.9	9.3	9.8	10.3
15–19 years	950	8.3	1.0	0.055	6.9	7.0	7.2	7.4	7.7	8.2	8.9	9.3	9.7	10.2	10.4
20–29 years	1,769	8.4	0.9	0.039	6.8	7.1	7.3	7.5	7.8	8.3	8.9	9.4	9.6	10.0	10.4
30–39 years	1,757	8.4	0.9	0.038	6.9	7.1	7.3	7.6	7.8	8.3	9.0	9.4	9.7	10.1	10.4
40–49 years	1,303	8.5	1.0	0.047	6.8	7.0	7.3	7.6	7.8	8.4	9.1	9.5	9.8	10.3	10.7
50–59 years	969	8.5	1.0	0.055	7.0	7.2	7.4	7.6	7.9	8.4	9.1	9.4	9.8	10.3	10.8
60–69 years	1,112	8.5	1.0	0.050	6.8	7.1	7.3	7.6	7.9	8.4	9.1	9.4	9.8	10.3	10.8
70 years and over	1,664	8.4	1.0	0.044	6.8	7.0	7.2	7.4	7.8	8.4	9.1	9.4	9.7	10.2	10.6
Non-Hispanic white															
1 year and over	5,030	8.3	1.0	0.031	6.7	6.9	7.2	7.4	7.7	8.3	8.9	9.3	9.6	10.0	10.4
1–2 years	270	7.4	0.8	0.061	*	6.3	6.5	6.7	6.9	7.3	7.9	8.2	8.3	8.6	*
3–5 years	332	7.6	0.7	0.050	*	6.5	6.7	6.8	7.1	7.5	8.0	8.3	8.6	8.9	*
6–8 years	175	7.9	0.8	0.076	*	*	6.9	7.1	7.3	7.8	8.4	8.9	9.1	*	*
9–11 years	186	8.2	0.8	0.074	*	*	7.2	7.3	7.5	8.2	8.7	9.1	9.2	*	*
12–14 years	154	8.1	1.0	0.098	*	*	7.0	7.2	7.4	8.0	8.6	8.9	9.4	*	*
15–19 years	270	8.3	1.0	0.076	*	7.1	7.2	7.4	7.7	8.2	8.8	9.3	9.6	10.1	*
20–29 years	477	8.4	1.0	0.055	*	7.1	7.3	7.4	7.7	8.2	8.9	9.3	9.6	10.0	*
30–39 years	572	8.4	0.9	0.047	*	7.1	7.4	7.6	7.8	8.3	8.9	9.3	9.6	10.1	*
40–49 years	457	8.5	0.9	0.056	*	7.0	7.3	7.6	7.8	8.3	9.1	9.5	9.7	10.2	*
50–59 years	473	8.5	0.9	0.053	*	7.1	7.4	7.6	7.9	8.4	9.0	9.3	9.5	9.9	*
60–69 years	473	8.5	0.9	0.055	*	7.0	7.3	7.5	7.8	8.4	9.0	9.4	9.7	10.2	*
70 years and over	1,191	8.4	1.0	0.037	*	7.0	7.2	7.4	7.7	8.3	9.1	9.4	9.7	10.2	*
Non-Hispanic black															
1 year and over	4,116	8.4	1.0	0.032	6.7	7.0	7.2	7.4	7.7	8.4	9.0	9.4	9.8	10.2	10.7
1–2 years	265	7.5	0.7	0.053	*	6.5	6.6	6.7	6.9	7.4	7.9	8.3	8.4	8.9	*
3–5 years	433	7.8	0.9	0.052	*	6.6	6.9	7.0	7.2	7.7	8.3	8.7	9.0	9.3	*
6–8 years	220	8.0	0.8	0.069	*	*	7.0	7.2	7.4	7.9	8.5	8.8	8.9	*	*
9–11 years	252	8.1	0.8	0.060	*	6.9	7.2	7.3	7.7	8.1	8.6	8.8	9.1	9.6	*
12–14 years	220	8.2	0.9	0.074	*	*	7.1	7.2	7.5	8.1	8.8	9.1	9.3	*	*
15–19 years	326	8.4	0.9	0.059	*	7.0	7.4	7.5	7.8	8.4	9.0	9.2	9.5	9.8	*
20–29 years	589	8.5	0.9	0.046	*	7.2	7.4	7.6	7.9	8.4	9.1	9.4	9.8	10.1	*
30–39 years	602	8.5	1.0	0.048	*	7.1	7.3	7.5	7.8	8.4	9.2	9.6	9.8	10.3	*
40–49 years	425	8.6	1.0	0.058	*	7.2	7.4	7.7	8.0	8.6	9.2	9.5	9.9	10.3	*
50–59 years	256	8.8	1.1	0.082	*	7.2	7.4	7.7	8.1	8.6	9.4	10.0	10.2	10.6	*
60–69 years	276	8.7	1.1	0.082	*	7.1	7.3	7.5	7.9	8.6	9.2	9.8	10.3	10.9	*
70 years and over	252	8.6	1.2	0.089	*	7.1	7.4	7.5	7.8	8.5	9.2	9.8	10.2	10.5	*
Mexican American															
1 year and over	3,994	8.3	1.0	0.041	6.6	6.9	7.2	7.3	7.6	8.2	8.9	9.3	9.6	10.1	10.5
1–2 years	285	7.4	0.7	0.060	*	*	6.5	6.6	6.8	7.4	7.8	8.1	8.3	*	*
3–5 years	506	7.6	0.8	0.048	*	6.6	6.8	6.9	7.1	7.6	8.1	8.4	8.7	9.1	*
6–8 years	257	7.9	0.8	0.071	*	*	7.0	7.1	7.3	7.8	8.3	8.8	9.0	*	*
9–11 years	265	8.1	0.8	0.073	*	*	7.2	7.3	7.6	7.9	8.6	9.1	9.5	*	*
12–14 years	218	8.0	0.8	0.075	*	*	7.0	7.2	7.6	8.1	8.5	8.8	9.0	*	*
15–19 years	297	8.3	1.0	0.083	*	6.9	7.1	7.3	7.6	8.1	8.8	9.3	9.7	10.1	*
20–29 years	632	8.5	0.9	0.053	*	7.1	7.3	7.5	7.9	8.4	9.1	9.4	9.8	10.1	*
30–39 years	504	8.6	1.0	0.062	*	7.2	7.3	7.6	7.9	8.4	9.1	9.6	9.9	10.4	*
40–49 years	356	8.6	1.1	0.081	*	7.2	7.5	7.7	7.9	8.6	9.2	9.6	9.9	10.4	*
50–59 years	185	8.7	1.1	0.117	*	*	7.3	7.6	7.9	8.4	9.3	9.6	10.0	*	*
60–69 years	317	8.6	1.0	0.081	*	7.1	7.4	7.7	7.9	8.6	9.3	9.5	10.0	10.3	*
70 years and over	172	8.4	1.0	0.112	*	*	7.3	7.4	7.8	8.4	8.9	9.3	9.8	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 28. Platelet distribution width in percentages for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,200	16.4	0.5	0.013	15.6	15.7	15.8	15.9	16.0	16.4	16.7	16.9	17.0	17.3	17.6
1–2 years	1,773	16.1	0.5	0.025	15.4	15.4	15.6	15.7	15.8	16.1	16.3	16.5	16.6	16.9	17.1
3–5 years	2,586	16.1	0.4	0.015	15.5	15.6	15.6	15.8	15.9	16.1	16.4	16.5	16.6	16.8	17.0
6–8 years	1,379	16.2	0.4	0.023	15.4	15.6	15.7	15.8	15.9	16.2	16.4	16.6	16.8	17.0	17.1
9–11 years	1,498	16.2	0.4	0.022	15.5	15.6	15.8	15.8	16.0	16.2	16.5	16.6	16.8	17.0	17.3
12–14 years	1,150	16.4	0.5	0.029	15.6	15.7	15.8	15.9	16.0	16.3	16.6	16.8	17.0	17.2	17.5
15–19 years	1,772	16.4	0.5	0.024	15.6	15.7	15.8	15.9	16.0	16.4	16.7	16.9	17.0	17.3	17.5
20–29 years	3,315	16.4	0.5	0.018	15.6	15.6	15.8	15.9	16.0	16.4	16.6	16.9	17.0	17.3	17.5
30–39 years	3,136	16.4	0.5	0.018	15.6	15.7	15.8	15.9	16.0	16.4	16.7	16.9	17.0	17.4	17.5
40–49 years	2,455	16.4	0.5	0.021	15.6	15.7	15.8	15.9	16.1	16.4	16.7	16.9	17.0	17.3	17.6
50–59 years	1,793	16.5	0.5	0.024	15.6	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.4	17.8
60–69 years	2,230	16.5	0.5	0.021	15.7	15.8	15.9	16.0	16.2	16.5	16.9	17.0	17.2	17.4	17.8
70 years and over	3,113	16.6	0.6	0.020	15.7	15.9	16.0	16.1	16.3	16.6	16.9	17.1	17.3	17.6	17.8
Non-Hispanic white															
1 year and over	9,490	16.4	0.5	0.015	15.6	15.7	15.9	15.9	16.1	16.4	16.7	16.9	17.1	17.3	17.6
1–2 years	565	16.0	0.6	0.034	*	15.4	15.6	15.6	15.8	16.0	16.3	16.5	16.6	16.8	*
3–5 years	652	16.1	0.4	0.020	*	15.6	15.7	15.8	15.9	16.1	16.4	16.5	16.6	16.7	*
6–8 years	362	16.2	0.4	0.034	*	15.6	15.7	15.8	15.9	16.2	16.5	16.6	16.8	17.0	*
9–11 years	384	16.3	0.4	0.030	*	15.6	15.8	15.9	16.0	16.2	16.5	16.6	16.8	17.0	*
12–14 years	293	16.4	0.5	0.039	*	*	15.9	15.9	16.1	16.4	16.7	16.8	17.0	*	*
15–19 years	463	16.4	0.5	0.034	*	15.8	15.9	15.9	16.1	16.4	16.7	16.9	17.0	17.3	*
20–29 years	855	16.4	0.5	0.025	*	15.7	15.9	15.9	16.1	16.4	16.7	16.9	17.0	17.3	*
30–39 years	999	16.4	0.5	0.023	*	15.8	15.9	15.9	16.1	16.4	16.7	16.9	17.0	17.3	*
40–49 years	870	16.4	0.5	0.024	*	15.8	15.9	16.0	16.1	16.4	16.7	16.9	17.0	17.3	*
50–59 years	883	16.5	0.5	0.025	*	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.3	*
60–69 years	964	16.6	0.5	0.023	*	15.8	16.0	16.1	16.2	16.5	16.9	17.0	17.2	17.4	*
70 years and over	2,200	16.6	0.5	0.016	*	15.9	16.0	16.1	16.3	16.6	16.9	17.1	17.3	17.6	*
Non-Hispanic black															
1 year and over	7,697	16.3	0.6	0.014	15.4	15.5	15.7	15.8	15.9	16.2	16.6	16.9	17.0	17.3	17.6
1–2 years	536	16.2	0.5	0.025	*	15.5	15.7	15.8	15.9	16.1	16.5	16.6	16.8	17.1	*
3–5 years	839	16.1	0.5	0.020	*	15.5	15.6	15.7	15.8	16.1	16.4	16.6	16.7	17.0	*
6–8 years	448	16.1	0.4	0.025	*	15.5	15.6	15.7	15.8	16.1	16.4	16.6	16.7	16.9	*
9–11 years	515	16.2	0.4	0.023	*	15.6	15.7	15.8	15.9	16.1	16.4	16.6	16.7	16.9	*
12–14 years	400	16.3	0.5	0.032	*	15.6	15.7	15.8	15.9	16.3	16.6	16.9	17.0	17.2	*
15–19 years	621	16.3	0.6	0.029	*	15.5	15.6	15.8	15.9	16.3	16.6	16.9	17.1	17.4	*
20–29 years	1,050	16.3	0.6	0.022	*	15.4	15.6	15.8	15.9	16.3	16.6	16.9	17.0	17.3	*
30–39 years	1,055	16.3	0.6	0.022	*	15.5	15.6	15.8	15.9	16.2	16.6	16.9	17.1	17.4	*
40–49 years	760	16.3	0.6	0.026	*	15.5	15.7	15.8	15.9	16.3	16.6	16.9	17.0	17.4	*
50–59 years	460	16.3	0.6	0.032	*	15.6	15.7	15.8	15.9	16.3	16.7	16.9	17.0	17.4	*
60–69 years	546	16.4	0.6	0.030	*	15.6	15.8	15.9	16.0	16.3	16.8	17.0	17.2	17.4	*
70 years and over	467	16.5	0.8	0.048	*	15.7	15.8	15.9	16.1	16.4	16.9	17.1	17.4	17.6	*
Mexican American															
1 year and over	7,858	16.3	0.6	0.011	15.6	15.6	15.8	15.9	16.0	16.3	16.6	16.8	17.0	17.3	17.5
1–2 years	573	16.1	0.4	0.020	*	15.4	15.6	15.7	15.8	16.1	16.3	16.5	16.6	16.9	*
3–5 years	956	16.1	0.4	0.015	*	15.5	15.6	15.7	15.8	16.1	16.4	16.5	16.6	16.8	*
6–8 years	506	16.1	0.4	0.019	*	15.5	15.6	15.7	15.8	16.1	16.4	16.4	16.5	16.7	*
9–11 years	534	16.2	0.6	0.032	*	15.6	15.7	15.8	15.9	16.1	16.5	16.7	16.8	17.0	*
12–14 years	402	16.3	0.8	0.045	*	15.7	15.8	15.8	15.9	16.3	16.6	16.8	16.9	17.1	*
15–19 years	592	16.4	0.6	0.029	*	15.8	15.8	15.9	16.1	16.4	16.7	16.9	17.1	17.3	*
20–29 years	1,268	16.4	0.5	0.017	*	15.7	15.8	15.9	16.0	16.3	16.6	16.9	17.0	17.3	*
30–39 years	948	16.4	0.5	0.019	*	15.7	15.8	15.9	16.0	16.4	16.8	16.9	17.1	17.3	*
40–49 years	717	16.4	0.7	0.029	*	15.7	15.8	15.9	16.0	16.3	16.7	16.9	17.1	17.4	*
50–59 years	354	16.5	0.5	0.031	*	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.3	*
60–69 years	641	16.5	0.5	0.024	*	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.4	*
70 years and over	367	16.6	0.5	0.031	*	15.9	16.0	16.1	16.3	16.5	16.9	17.1	17.3	17.5	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 29. Platelet distribution width in percentages for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,543	16.5	0.5	0.019	15.6	15.8	15.9	15.9	16.1	16.4	16.8	17.0	17.1	17.4	17.7
1–2 years	921	16.1	0.4	0.023	15.4	15.5	15.6	15.7	15.8	16.1	16.3	16.5	16.6	16.9	17.0
3–5 years	1,267	16.2	0.4	0.019	15.5	15.6	15.7	15.8	15.9	16.1	16.4	16.5	16.7	16.8	17.0
6–8 years	707	16.3	0.4	0.027	15.6	15.7	15.8	15.8	15.9	16.3	16.5	16.7	16.9	17.1	17.1
9–11 years	770	16.2	0.4	0.026	15.5	15.6	15.8	15.8	16.0	16.2	16.4	16.6	16.8	17.0	17.1
12–14 years	535	16.4	0.5	0.038	15.7	15.8	15.8	15.9	16.1	16.4	16.7	16.9	17.0	17.4	17.8
15–19 years	830	16.5	0.5	0.029	15.6	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.3	17.6
20–29 years	1,556	16.5	0.5	0.023	15.6	15.8	15.9	15.9	16.1	16.4	16.8	16.9	17.1	17.3	17.6
30–39 years	1,390	16.5	0.5	0.022	15.6	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.4	17.5
40–49 years	1,157	16.5	0.5	0.026	15.6	15.8	15.9	16.0	16.1	16.5	16.8	17.0	17.2	17.5	17.8
50–59 years	829	16.5	0.5	0.030	15.7	15.8	15.9	16.0	16.2	16.5	16.8	17.1	17.2	17.5	17.9
60–69 years	1,125	16.6	0.5	0.025	15.8	15.8	16.0	16.1	16.3	16.5	16.9	17.1	17.3	17.6	17.8
70 years and over	1,456	16.7	0.6	0.024	15.8	16.0	16.1	16.2	16.4	16.7	17.1	17.3	17.4	17.7	17.9
Non-Hispanic white															
1 year and over	4,473	16.5	0.5	0.023	15.6	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.4	17.7
1–2 years	295	16.1	0.4	0.029	*	15.4	15.6	15.6	15.8	16.0	16.3	16.5	16.6	16.8	*
3–5 years	323	16.2	0.3	0.024	*	15.6	15.7	15.8	15.9	16.1	16.4	16.5	16.6	16.8	*
6–8 years	188	16.3	0.4	0.040	*	*	15.8	15.9	16.0	16.3	16.6	16.8	17.0	*	*
9–11 years	199	16.2	0.4	0.033	*	*	15.8	15.9	16.0	16.2	16.5	16.6	16.8	*	*
12–14 years	139	16.5	0.5	0.052	*	*	15.9	16.0	16.1	16.4	16.8	16.9	17.0	*	*
15–19 years	194	16.5	0.5	0.042	*	*	15.9	16.0	16.1	16.4	16.8	17.0	17.1	*	*
20–29 years	379	16.5	0.6	0.035	*	15.8	15.9	16.0	16.1	16.4	16.8	16.9	17.1	17.3	*
30–39 years	431	16.5	0.5	0.029	*	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.4	*
40–49 years	414	16.5	0.5	0.031	*	15.8	15.9	16.0	16.2	16.5	16.8	17.0	17.2	17.5	*
50–59 years	410	16.5	0.5	0.032	*	15.8	16.0	16.1	16.2	16.5	16.8	17.0	17.2	17.5	*
60–69 years	491	16.6	0.5	0.028	*	15.8	16.0	16.1	16.3	16.6	16.9	17.1	17.3	17.6	*
70 years and over	1,010	16.8	0.5	0.020	*	16.0	16.1	16.3	16.4	16.8	17.1	17.3	17.4	17.7	*
Non-Hispanic black															
1 year and over	3,618	16.4	0.6	0.020	15.4	15.6	15.7	15.8	15.9	16.3	16.7	16.9	17.1	17.4	17.7
1–2 years	273	16.2	0.5	0.032	*	15.6	15.7	15.8	15.9	16.2	16.5	16.6	16.8	17.0	*
3–5 years	415	16.2	0.5	0.029	*	15.6	15.7	15.7	15.9	16.1	16.4	16.6	16.8	17.0	*
6–8 years	229	16.2	0.4	0.034	*	15.5	15.7	15.8	15.9	16.1	16.4	16.6	16.7	16.9	*
9–11 years	266	16.2	0.4	0.032	*	15.5	15.7	15.7	15.8	16.1	16.4	16.6	16.7	16.9	*
12–14 years	182	16.4	0.5	0.042	*	*	15.9	15.9	16.0	16.4	16.8	16.9	17.1	*	*
15–19 years	297	16.4	0.6	0.043	*	15.6	15.8	15.9	16.0	16.4	16.8	17.0	17.2	17.5	*
20–29 years	463	16.4	0.6	0.033	*	15.6	15.7	15.8	15.9	16.3	16.7	16.9	17.1	17.5	*
30–39 years	459	16.4	0.6	0.033	*	15.6	15.7	15.8	15.9	16.4	16.8	17.0	17.1	17.4	*
40–49 years	336	16.4	0.6	0.037	*	15.6	15.7	15.8	16.0	16.3	16.6	16.9	17.0	17.4	*
50–59 years	206	16.4	0.6	0.046	*	*	15.7	15.8	16.0	16.4	16.8	16.9	17.1	*	*
60–69 years	273	16.4	0.6	0.043	*	15.6	15.8	15.8	16.0	16.4	16.9	17.1	17.3	17.5	*
70 years and over	219	16.6	0.9	0.072	*	*	15.9	16.0	16.1	16.6	17.1	17.3	17.5	*	*
Mexican American															
1 year and over	3,906	16.4	0.6	0.016	15.6	15.7	15.8	15.9	16.0	16.3	16.7	16.9	17.1	17.3	17.5
1–2 years	292	16.1	0.4	0.029	*	*	15.6	15.7	15.9	16.1	16.4	16.5	16.7	*	*
3–5 years	456	16.1	0.4	0.021	*	15.6	15.7	15.8	15.9	16.1	16.4	16.5	16.6	16.8	*
6–8 years	250	16.2	0.4	0.025	*	*	15.8	15.8	15.9	16.1	16.4	16.5	16.6	*	*
9–11 years	271	16.2	0.8	0.052	*	*	15.8	15.8	15.9	16.1	16.5	16.7	16.8	*	*
12–14 years	188	16.4	1.0	0.085	*	*	15.8	15.8	16.0	16.4	16.6	16.8	17.0	*	*
15–19 years	300	16.5	0.7	0.045	*	*	15.9	15.9	16.1	16.4	16.8	17.0	17.1	*	*
20–29 years	643	16.4	0.5	0.023	*	15.7	15.8	15.9	16.0	16.4	16.7	16.9	17.1	17.3	*
30–39 years	445	16.5	0.5	0.027	*	15.7	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.4	*
40–49 years	364	16.5	0.7	0.040	*	15.7	15.9	16.0	16.1	16.4	16.8	17.1	17.3	17.6	*
50–59 years	172	16.5	0.5	0.043	*	*	15.9	16.0	16.2	16.5	16.9	17.0	17.2	*	*
60–69 years	328	16.5	0.5	0.034	*	15.9	15.9	16.0	16.1	16.4	16.8	17.0	17.3	17.5	*
70 years and over	197	16.6	0.5	0.038	*	*	16.1	16.2	16.3	16.6	16.9	17.1	17.3	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 30. Platelet distribution width in percentages for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,657	16.3	0.5	0.017	15.5	15.6	15.8	15.9	16.0	16.3	16.6	16.8	17.0	17.2	17.5
1–2 years	852	16.1	0.6	0.040	15.4	15.4	15.6	15.7	15.8	16.0	16.3	16.5	16.6	16.9	17.2
3–5 years	1,319	16.1	0.4	0.019	15.4	15.5	15.6	15.7	15.8	16.0	16.3	16.5	16.6	16.7	16.9
6–8 years	672	16.1	0.4	0.030	15.4	15.5	15.6	15.7	15.8	16.1	16.4	16.5	16.6	16.8	17.1
9–11 years	728	16.2	0.4	0.029	15.6	15.6	15.8	15.8	15.9	16.2	16.5	16.6	16.8	17.0	17.3
12–14 years	615	16.3	0.4	0.033	15.6	15.6	15.8	15.9	16.0	16.3	16.6	16.8	16.9	17.1	17.4
15–19 years	942	16.3	0.5	0.030	15.5	15.6	15.8	15.9	16.0	16.3	16.6	16.9	17.0	17.3	17.4
20–29 years	1,759	16.3	0.5	0.021	15.5	15.6	15.8	15.9	16.0	16.3	16.6	16.8	16.9	17.1	17.4
30–39 years	1,746	16.4	0.5	0.023	15.5	15.6	15.8	15.9	16.0	16.3	16.6	16.8	17.0	17.2	17.5
40–49 years	1,298	16.3	0.5	0.025	15.5	15.6	15.8	15.9	16.0	16.3	16.6	16.8	16.9	17.1	17.5
50–59 years	964	16.4	0.5	0.031	15.6	15.7	15.8	15.9	16.0	16.4	16.7	16.9	17.0	17.2	17.5
60–69 years	1,105	16.5	0.5	0.027	15.6	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.3	17.6
70 years and over	1,657	16.5	0.6	0.026	15.7	15.8	15.9	16.0	16.2	16.5	16.9	17.0	17.2	17.5	17.8
Non-Hispanic white															
1 year and over	5,017	16.4	0.5	0.021	15.6	15.7	15.8	15.9	16.0	16.3	16.6	16.9	17.0	17.2	17.5
1–2 years	270	16.0	0.7	0.057	*	15.4	15.6	15.6	15.8	16.0	16.3	16.4	16.6	16.8	*
3–5 years	329	16.0	0.4	0.026	*	15.6	15.6	15.7	15.8	16.0	16.3	16.4	16.6	16.7	*
6–8 years	174	16.1	0.4	0.044	*	*	15.6	15.7	15.8	16.1	16.4	16.6	16.6	*	*
9–11 years	185	16.3	0.4	0.043	*	*	15.8	15.9	16.0	16.3	16.5	16.7	16.8	*	*
12–14 years	154	16.4	0.4	0.045	*	*	15.9	15.9	16.1	16.4	16.6	16.8	16.8	*	*
15–19 years	269	16.4	0.5	0.042	*	15.6	15.8	15.9	16.0	16.3	16.6	16.9	17.0	17.3	*
20–29 years	476	16.3	0.5	0.028	*	15.6	15.8	15.9	16.0	16.3	16.6	16.8	16.9	17.1	*
30–39 years	568	16.4	0.5	0.029	*	15.7	15.8	15.9	16.0	16.3	16.7	16.9	17.0	17.1	*
40–49 years	456	16.3	0.4	0.028	*	15.7	15.8	15.9	16.0	16.3	16.6	16.8	16.9	17.1	*
50–59 years	473	16.4	0.5	0.032	*	15.7	15.9	15.9	16.1	16.4	16.8	16.9	17.0	17.2	*
60–69 years	473	16.5	0.5	0.030	*	15.8	15.9	16.0	16.1	16.4	16.8	17.0	17.1	17.3	*
70 years and over	1,190	16.6	0.5	0.020	*	15.8	16.0	16.1	16.3	16.5	16.9	17.0	17.2	17.5	*
Non-Hispanic black															
1 year and over	4,079	16.2	0.6	0.018	15.4	15.5	15.6	15.7	15.9	16.2	16.5	16.8	17.0	17.2	17.5
1–2 years	263	16.2	0.5	0.037	*	15.5	15.6	15.8	15.9	16.1	16.5	16.6	16.8	17.2	*
3–5 years	424	16.1	0.5	0.027	*	15.5	15.6	15.7	15.8	16.0	16.4	16.5	16.6	16.9	*
6–8 years	219	16.1	0.4	0.035	*	*	15.6	15.7	15.8	16.1	16.3	16.6	16.7	*	*
9–11 years	249	16.2	0.4	0.030	*	15.6	15.8	15.8	15.9	16.1	16.4	16.5	16.7	16.9	*
12–14 years	218	16.2	0.5	0.043	*	*	15.6	15.7	15.9	16.2	16.5	16.8	16.9	*	*
15–19 years	324	16.2	0.5	0.037	*	15.4	15.6	15.7	15.8	16.2	16.5	16.8	16.9	17.3	*
20–29 years	587	16.2	0.6	0.028	*	15.4	15.5	15.7	15.9	16.2	16.5	16.8	16.9	17.2	*
30–39 years	596	16.2	0.6	0.029	*	15.5	15.6	15.7	15.9	16.1	16.5	16.8	17.0	17.3	*
40–49 years	424	16.3	0.6	0.034	*	15.4	15.6	15.7	15.9	16.1	16.6	16.8	17.0	17.4	*
50–59 years	254	16.3	0.6	0.043	*	15.6	15.6	15.8	15.9	16.2	16.6	16.8	16.9	17.1	*
60–69 years	273	16.4	0.5	0.040	*	15.6	15.7	15.9	16.0	16.3	16.7	16.9	17.1	17.3	*
70 years and over	248	16.4	0.8	0.061	*	15.6	15.8	15.9	16.0	16.3	16.8	17.0	17.1	17.5	*
Mexican American															
1 year and over	3,952	16.3	0.5	0.014	15.5	15.6	15.8	15.8	15.9	16.3	16.6	16.8	16.9	17.1	17.4
1–2 years	281	16.1	0.4	0.028	*	*	15.6	15.7	15.8	16.0	16.3	16.4	16.5	*	*
3–5 years	500	16.1	0.4	0.021	*	15.5	15.6	15.7	15.8	16.1	16.3	16.5	16.6	16.8	*
6–8 years	256	16.0	0.4	0.028	*	*	15.6	15.6	15.7	16.0	16.3	16.4	16.4	*	*
9–11 years	263	16.1	0.4	0.032	*	*	15.7	15.8	15.8	16.1	16.4	16.6	16.8	*	*
12–14 years	214	16.2	0.4	0.037	*	*	15.7	15.8	15.9	16.2	16.5	16.7	16.8	*	*
15–19 years	292	16.4	0.5	0.033	*	15.8	15.8	15.9	16.0	16.3	16.7	16.9	17.0	17.3	*
20–29 years	625	16.4	0.5	0.025	*	15.7	15.8	15.9	16.0	16.3	16.6	16.8	17.0	17.3	*
30–39 years	503	16.4	0.5	0.027	*	15.6	15.8	15.9	16.0	16.3	16.6	16.9	17.0	17.3	*
40–49 years	353	16.3	0.7	0.042	*	15.6	15.8	15.9	16.0	16.3	16.6	16.8	16.9	17.2	*
50–59 years	182	16.5	0.5	0.043	*	*	15.9	16.0	16.1	16.4	16.6	17.0	17.1	*	*
60–69 years	313	16.4	0.5	0.033	*	15.8	15.9	16.0	16.1	16.4	16.7	16.9	17.0	17.3	*
70 years and over	170	16.5	0.5	0.051	*	*	15.9	16.0	16.1	16.5	16.8	17.0	17.2	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 31. White blood cell count as 10⁹ cells per liter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,372	7.33	2.27	0.030	4.01	4.40	4.90	5.20	5.80	7.01	8.51	9.39	10.06	11.26	12.56
1–2 years	1,789	8.70	2.47	0.095	4.85	5.20	5.80	6.35	6.95	8.36	10.01	11.20	12.00	13.20	14.14
3–5 years	2,618	7.79	2.20	0.070	4.10	4.66	5.25	5.65	6.30	7.55	8.94	10.05	10.64	11.70	12.65
6–8 years	1,384	7.53	2.06	0.090	4.25	4.70	5.30	5.55	6.10	7.35	8.65	9.35	10.10	11.15	12.41
9–11 years	1,507	7.10	2.03	0.085	4.00	4.30	4.65	5.10	5.60	6.90	8.19	9.01	9.51	10.40	11.85
12–14 years	1,161	7.15	2.07	0.099	4.05	4.30	4.76	5.10	5.70	6.90	8.19	9.11	9.69	10.90	11.61
15–19 years	1,786	7.36	2.16	0.083	3.90	4.40	5.01	5.35	5.85	7.09	8.55	9.40	10.19	11.31	12.85
20–29 years	3,331	7.39	2.23	0.063	3.95	4.35	4.80	5.20	5.80	7.10	8.65	9.56	10.26	11.40	12.60
30–39 years	3,158	7.32	2.26	0.065	4.05	4.41	4.90	5.16	5.70	6.95	8.55	9.34	10.20	11.31	12.60
40–49 years	2,467	7.18	2.10	0.069	3.90	4.35	4.90	5.15	5.70	6.90	8.31	9.25	9.86	11.01	12.31
50–59 years	1,803	7.19	2.21	0.085	3.95	4.40	4.80	5.10	5.65	6.90	8.30	9.35	10.01	11.15	12.06
60–69 years	2,241	7.17	2.52	0.087	3.90	4.30	4.85	5.15	5.75	6.76	8.30	9.01	9.55	10.60	12.31
70 years and over	3,127	7.29	2.62	0.076	4.09	4.45	4.90	5.20	5.76	6.95	8.30	9.14	9.80	11.06	12.50
Non-Hispanic white															
1 year and over	9,521	7.39	2.27	0.035	4.15	4.55	5.00	5.30	5.85	7.09	8.51	9.40	10.06	11.30	12.60
1–2 years	567	8.73	2.32	0.119	*	5.35	6.10	6.55	7.09	8.35	10.01	11.19	11.95	13.05	*
3–5 years	655	7.83	2.09	0.100	*	4.75	5.45	5.80	6.45	7.60	8.94	10.05	10.45	11.69	*
6–8 years	365	7.65	2.01	0.129	*	5.01	5.40	5.70	6.15	7.50	8.70	9.36	10.35	11.20	*
9–11 years	386	7.22	1.99	0.124	*	4.40	4.85	5.30	6.00	7.05	8.20	9.01	9.51	10.25	*
12–14 years	293	7.22	2.00	0.143	*	*	4.85	5.20	6.00	6.95	8.40	9.15	9.56	*	*
15–19 years	465	7.54	2.08	0.118	*	4.85	5.26	5.55	6.05	7.25	8.65	9.52	10.19	11.50	*
20–29 years	858	7.48	2.24	0.094	*	4.40	4.85	5.30	5.90	7.15	8.81	9.65	10.45	11.45	*
30–39 years	1,007	7.34	2.25	0.087	*	4.55	4.95	5.20	5.70	7.00	8.55	9.26	10.19	11.44	*
40–49 years	871	7.22	2.07	0.086	*	4.50	4.95	5.20	5.76	6.95	8.31	9.19	9.85	11.01	*
50–59 years	883	7.24	2.23	0.092	*	4.55	4.85	5.15	5.70	6.95	8.36	9.36	10.01	11.20	*
60–69 years	966	7.21	2.58	0.102	*	4.35	4.95	5.20	5.80	6.80	8.30	9.00	9.55	10.61	*
70 years and over	2,205	7.38	2.67	0.070	*	4.55	5.00	5.34	5.85	7.05	8.36	9.19	9.81	11.20	*
Non-Hispanic black															
1 year and over	7,749	6.65	2.16	0.025	3.45	3.80	4.20	4.55	5.10	6.34	7.80	8.80	9.51	10.51	11.64
1–2 years	540	7.99	2.38	0.114	*	4.60	5.25	5.65	6.35	7.51	9.50	10.40	11.26	12.35	*
3–5 years	852	7.14	2.14	0.082	*	4.05	4.60	5.00	5.60	6.85	8.40	9.40	10.19	11.35	*
6–8 years	449	6.86	2.06	0.109	*	3.95	4.45	4.85	5.40	6.65	8.01	8.94	9.40	10.39	*
9–11 years	519	6.39	1.93	0.095	*	3.70	4.20	4.45	4.91	6.16	7.55	8.20	8.75	10.00	*
12–14 years	404	6.39	2.29	0.127	*	3.65	4.10	4.45	4.90	5.90	7.40	8.15	8.80	10.19	*
15–19 years	624	6.37	2.03	0.091	*	3.60	4.05	4.40	4.95	6.09	7.51	8.39	8.86	9.64	*
20–29 years	1,052	6.68	2.13	0.073	*	3.95	4.35	4.65	5.15	6.30	7.85	8.90	9.65	10.39	*
30–39 years	1,063	6.63	2.22	0.076	*	3.70	4.15	4.45	5.01	6.30	7.80	8.85	9.61	10.65	*
40–49 years	761	6.56	2.16	0.087	*	3.70	4.20	4.45	4.90	6.20	7.66	8.80	9.60	10.44	*
50–59 years	463	6.71	2.10	0.109	*	3.75	4.15	4.51	5.16	6.55	7.85	8.94	9.81	10.70	*
60–69 years	550	6.50	2.18	0.104	*	3.90	4.30	4.55	5.01	6.15	7.45	8.55	9.20	10.16	*
70 years and over	472	6.36	1.91	0.098	*	3.85	4.25	4.50	4.91	6.05	7.55	8.31	9.00	9.75	*
Mexican American															
1 year and over	7,946	7.77	2.21	0.035	4.35	4.84	5.30	5.65	6.25	7.45	8.94	9.94	10.64	11.70	12.81
1–2 years	583	9.27	2.79	0.144	*	5.70	6.26	6.70	7.30	8.86	10.69	11.65	12.76	14.85	*
3–5 years	972	8.31	2.44	0.098	*	5.15	5.70	6.05	6.60	7.95	9.69	10.64	11.65	12.51	*
6–8 years	507	8.04	2.07	0.115	*	5.00	5.65	6.05	6.76	7.80	9.01	9.89	10.19	11.70	*
9–11 years	537	7.59	2.07	0.111	*	4.65	5.01	5.55	6.05	7.30	8.90	10.01	10.39	11.30	*
12–14 years	409	7.66	2.16	0.133	*	4.70	5.25	5.55	6.00	7.34	8.84	9.90	10.70	11.50	*
15–19 years	601	7.77	1.98	0.101	*	4.80	5.45	5.90	6.30	7.60	8.90	9.76	10.64	11.45	*
20–29 years	1,279	7.57	2.04	0.071	*	4.70	5.20	5.50	6.10	7.35	8.81	9.61	10.26	11.35	*
30–39 years	954	7.75	2.31	0.093	*	4.80	5.30	5.55	6.15	7.30	8.89	10.11	10.95	12.30	*
40–49 years	725	7.58	2.08	0.096	*	4.95	5.20	5.60	6.15	7.30	8.75	9.56	9.90	11.05	*
50–59 years	361	7.56	2.13	0.140	*	4.75	5.20	5.55	6.05	7.16	8.69	9.85	10.35	11.31	*
60–69 years	647	7.47	2.06	0.101	*	4.85	5.30	5.65	6.15	7.20	8.40	9.35	10.01	10.61	*
70 years and over	371	7.43	2.45	0.158	*	4.75	5.20	5.55	5.91	7.01	8.44	9.30	9.90	11.01	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 32. White blood cell count as 10⁹ cells per liter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,624	7.30	2.26	0.043	4.05	4.40	4.90	5.25	5.76	7.00	8.40	9.26	9.95	11.15	12.44
1–2 years	931	8.74	2.53	0.126	4.84	5.16	5.85	6.40	7.00	8.35	10.01	11.26	12.01	13.40	14.19
3–5 years	1,281	7.68	2.26	0.096	4.10	4.70	5.10	5.60	6.15	7.35	8.70	9.95	10.60	11.75	12.85
6–8 years	709	7.45	2.02	0.115	4.20	4.90	5.20	5.55	6.05	7.20	8.51	9.25	9.80	11.44	12.80
9–11 years	773	7.01	2.07	0.113	4.00	4.10	4.55	4.95	5.55	6.90	8.11	8.95	9.50	10.05	11.76
12–14 years	540	7.02	2.07	0.135	4.01	4.25	4.65	4.91	5.55	6.70	8.01	9.25	9.65	11.19	12.44
15–19 years	836	7.15	2.11	0.110	3.70	4.30	4.80	5.10	5.60	6.85	8.35	9.19	10.15	11.06	12.40
20–29 years	1,562	7.14	2.08	0.080	4.00	4.30	4.85	5.20	5.76	6.85	8.20	9.15	9.65	10.81	11.94
30–39 years	1,401	7.23	2.13	0.086	4.10	4.45	4.90	5.20	5.65	6.95	8.44	9.15	9.90	11.00	12.20
40–49 years	1,164	7.24	2.13	0.095	3.95	4.45	4.95	5.20	5.75	7.00	8.35	9.31	9.85	11.15	12.69
50–59 years	834	7.36	2.26	0.119	4.01	4.59	4.95	5.20	5.80	7.01	8.44	9.56	10.06	11.51	13.01
60–69 years	1,130	7.34	2.86	0.129	4.20	4.55	5.05	5.35	5.80	6.90	8.40	9.10	9.56	10.59	12.19
70 years and over	1,463	7.43	2.72	0.108	4.10	4.50	5.00	5.35	5.91	7.05	8.39	9.20	10.01	11.31	12.69
Non-Hispanic white															
1 year and over	4,491	7.37	2.28	0.051	4.20	4.55	5.00	5.34	5.85	7.09	8.50	9.30	9.94	11.19	12.55
1–2 years	297	8.73	2.34	0.157	*	5.40	6.10	6.51	7.15	8.34	10.05	11.19	12.00	13.30	*
3–5 years	323	7.67	2.17	0.139	*	4.70	5.01	5.59	6.15	7.35	8.70	9.91	10.56	11.90	*
6–8 years	190	7.52	1.89	0.159	*	*	5.40	5.70	6.15	7.40	8.55	9.19	9.70	*	*
9–11 years	200	7.11	1.98	0.161	*	*	4.60	5.26	5.70	7.00	8.11	9.00	9.50	*	*
12–14 years	139	7.04	2.04	0.199	*	*	4.76	4.91	5.50	6.70	8.01	9.20	9.56	*	*
15–19 years	195	7.47	2.13	0.176	*	*	5.10	5.35	5.85	7.20	8.66	9.51	10.19	*	*
20–29 years	381	7.17	2.07	0.122	*	4.30	4.85	5.25	5.80	6.90	8.26	9.25	9.70	10.76	*
30–39 years	435	7.27	2.12	0.117	*	4.60	4.95	5.30	5.65	7.00	8.51	9.15	9.90	11.01	*
40–49 years	414	7.31	2.10	0.119	*	4.60	5.01	5.26	5.80	7.10	8.36	9.31	9.85	11.15	*
50–59 years	410	7.45	2.32	0.132	*	4.60	4.95	5.25	5.95	7.10	8.55	9.69	10.30	11.90	*
60–69 years	493	7.39	2.97	0.154	*	4.70	5.10	5.40	5.85	6.95	8.45	9.01	9.56	10.59	*
70 years and over	1,014	7.59	2.78	0.101	*	4.70	5.20	5.55	6.05	7.15	8.51	9.31	10.19	11.45	*
Non-Hispanic black															
1 year and over	3,633	6.48	2.08	0.034	3.40	3.70	4.15	4.45	5.00	6.15	7.60	8.51	9.30	10.30	11.35
1–2 years	275	8.02	2.50	0.173	*	4.60	5.15	5.55	6.20	7.30	9.61	10.90	11.50	12.90	*
3–5 years	419	7.05	2.06	0.115	*	4.16	4.70	5.00	5.60	6.65	8.31	9.39	10.15	10.86	*
6–8 years	229	6.75	2.12	0.160	*	3.95	4.34	4.76	5.26	6.45	7.95	8.85	9.31	10.40	*
9–11 years	267	6.25	1.96	0.137	*	3.55	4.05	4.30	4.80	6.15	7.45	8.06	8.40	9.86	*
12–14 years	184	6.19	2.07	0.175	*	*	3.95	4.20	4.80	5.80	7.05	8.01	9.10	*	*
15–19 years	298	5.88	1.64	0.109	*	3.35	3.80	4.15	4.55	5.85	6.95	7.75	8.06	8.56	*
20–29 years	463	6.41	1.93	0.103	*	4.00	4.35	4.55	4.95	6.01	7.55	8.40	9.01	9.90	*
30–39 years	461	6.36	2.12	0.113	*	3.50	3.95	4.25	4.85	6.10	7.55	8.50	9.06	10.01	*
40–49 years	336	6.54	2.25	0.140	*	3.60	4.15	4.40	4.85	6.10	7.60	8.80	9.70	10.76	*
50–59 years	207	6.80	2.08	0.166	*	*	4.25	4.65	5.20	6.65	7.90	9.05	9.94	*	*
60–69 years	274	6.41	1.87	0.129	*	3.90	4.40	4.59	5.01	6.10	7.35	8.10	8.89	10.06	*
70 years and over	220	6.20	1.89	0.146	*	*	4.10	4.30	4.90	5.90	7.20	7.95	8.85	*	*
Mexican American															
1 year and over	3,952	7.59	2.17	0.048	4.30	4.75	5.20	5.55	6.10	7.30	8.70	9.61	10.26	11.51	12.61
1–2 years	298	9.38	2.96	0.206	*	*	6.35	6.55	7.40	8.76	10.81	11.70	13.05	*	*
3–5 years	466	8.23	2.41	0.134	*	5.30	5.80	6.10	6.76	7.90	9.19	10.20	11.16	12.40	*
6–8 years	250	7.91	2.03	0.154	*	*	5.65	6.05	6.75	7.70	8.91	9.60	9.86	*	*
9–11 years	272	7.41	2.06	0.150	*	*	4.95	5.50	6.00	7.20	8.60	9.40	10.06	*	*
12–14 years	191	7.73	2.19	0.191	*	*	5.30	5.60	6.15	7.45	8.81	10.06	10.70	*	*
15–19 years	304	7.34	1.91	0.132	*	4.60	5.10	5.60	6.10	6.90	8.44	9.06	9.90	11.44	*
20–29 years	647	7.36	1.99	0.094	*	4.55	5.10	5.40	5.85	7.20	8.45	9.39	10.01	11.01	*
30–39 years	450	7.47	2.20	0.125	*	4.65	5.15	5.45	5.90	7.05	8.51	9.45	10.26	11.90	*
40–49 years	369	7.40	1.98	0.124	*	4.90	5.15	5.50	6.05	7.20	8.70	9.26	9.76	10.69	*
50–59 years	176	7.56	2.16	0.196	*	*	5.20	5.55	6.10	7.15	8.65	9.51	10.05	*	*
60–69 years	330	7.51	1.91	0.127	*	4.90	5.45	5.65	6.20	7.15	8.51	9.81	10.05	10.61	*
70 years and over	199	7.31	2.11	0.180	*	*	5.45	5.55	5.95	7.00	8.06	8.86	9.50	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 33. White blood cell count as 10⁹ cells per liter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,748	7.37	2.27	0.042	4.00	4.40	4.85	5.20	5.80	7.05	8.56	9.50	10.19	11.35	12.65
1–2 years	858	8.66	2.41	0.131	5.00	5.20	5.76	6.30	6.85	8.40	10.00	11.10	11.81	13.10	14.14
3–5 years	1,337	7.90	2.12	0.092	4.10	4.65	5.40	5.80	6.50	7.70	9.10	10.14	10.69	11.70	12.35
6–8 years	675	7.63	2.10	0.128	4.25	4.70	5.35	5.55	6.15	7.55	8.76	9.45	10.30	10.90	12.26
9–11 years	734	7.20	1.98	0.117	4.20	4.59	4.85	5.20	5.75	7.00	8.26	9.02	9.70	10.85	11.86
12–14 years	621	7.30	2.06	0.131	4.15	4.45	4.90	5.30	6.01	7.09	8.40	8.94	9.76	10.80	11.60
15–19 years	950	7.58	2.18	0.113	4.20	4.70	5.30	5.60	6.10	7.25	8.65	9.55	10.31	11.44	13.61
20–29 years	1,769	7.63	2.34	0.089	3.90	4.40	4.80	5.25	5.85	7.35	9.05	9.95	10.75	12.06	13.15
30–39 years	1,757	7.40	2.38	0.090	4.01	4.40	4.90	5.15	5.75	7.00	8.60	9.61	10.51	11.86	12.76
40–49 years	1,303	7.12	2.07	0.091	3.90	4.30	4.84	5.10	5.66	6.76	8.30	9.19	9.89	10.56	12.00
50–59 years	969	7.02	2.15	0.110	3.85	4.34	4.66	5.00	5.50	6.75	8.10	9.10	9.80	10.80	11.61
60–69 years	1,111	7.02	2.18	0.104	3.80	4.16	4.60	5.05	5.65	6.70	8.10	8.90	9.50	10.76	12.45
70 years and over	1,664	7.19	2.55	0.099	4.05	4.41	4.84	5.15	5.60	6.95	8.20	9.09	9.65	10.75	12.30
Non-Hispanic white															
1 year and over	5,030	7.40	2.26	0.048	4.10	4.51	4.95	5.30	5.85	7.05	8.59	9.50	10.15	11.39	12.65
1–2 years	270	8.73	2.30	0.166	*	5.20	6.05	6.55	6.95	8.50	10.01	11.11	11.81	12.76	*
3–5 years	332	8.00	1.98	0.129	*	4.85	5.80	6.10	6.65	7.90	9.10	10.10	10.44	11.61	*
6–8 years	175	7.80	2.13	0.191	*	*	5.50	5.70	6.16	7.70	8.90	9.55	10.51	*	*
9–11 years	186	7.33	2.00	0.174	*	*	5.01	5.35	6.15	7.15	8.34	9.20	9.70	*	*
12–14 years	154	7.45	1.92	0.184	*	*	5.30	5.66	6.26	7.25	8.45	9.01	9.76	*	*
15–19 years	270	7.62	2.03	0.147	*	5.05	5.50	5.80	6.26	7.26	8.65	9.55	10.15	11.31	*
20–29 years	477	7.77	2.36	0.129	*	4.50	4.95	5.35	5.95	7.55	9.15	10.10	10.91	12.35	*
30–39 years	572	7.41	2.37	0.118	*	4.55	4.91	5.15	5.76	7.05	8.60	9.60	10.45	11.95	*
40–49 years	457	7.13	2.03	0.113	*	4.35	4.90	5.15	5.70	6.76	8.26	9.10	9.81	10.51	*
50–59 years	473	7.05	2.13	0.116	*	4.50	4.75	5.05	5.51	6.75	8.14	9.11	9.80	10.65	*
60–69 years	473	7.05	2.16	0.118	*	4.20	4.70	5.05	5.70	6.75	8.01	8.94	9.45	11.11	*
70 years and over	1,191	7.25	2.59	0.089	*	4.51	4.90	5.20	5.70	6.95	8.26	9.10	9.66	10.80	*
Non-Hispanic black															
1 year and over	4,116	6.80	2.22	0.035	3.55	3.90	4.30	4.65	5.20	6.50	7.95	9.00	9.65	10.65	11.76
1–2 years	265	7.95	2.24	0.154	*	4.55	5.41	5.70	6.45	7.65	9.30	10.14	10.85	11.76	*
3–5 years	433	7.24	2.21	0.119	*	4.01	4.51	4.95	5.60	7.00	8.44	9.44	10.26	11.64	*
6–8 years	220	6.96	2.01	0.151	*	*	4.65	4.91	5.60	6.75	8.15	9.05	9.51	*	*
9–11 years	252	6.52	1.90	0.134	*	4.00	4.40	4.60	5.10	6.26	7.70	8.30	9.05	10.01	*
12–14 years	220	6.56	2.46	0.185	*	*	4.25	4.50	5.05	6.05	7.55	8.30	8.69	*	*
15–19 years	326	6.86	2.26	0.140	*	3.90	4.40	4.80	5.30	6.40	8.10	8.91	9.40	11.10	*
20–29 years	589	6.91	2.26	0.104	*	3.90	4.30	4.75	5.26	6.55	8.06	9.40	9.90	10.60	*
30–39 years	602	6.84	2.28	0.104	*	3.90	4.26	4.60	5.25	6.45	8.10	9.06	10.11	11.20	*
40–49 years	425	6.58	2.08	0.113	*	3.85	4.25	4.45	5.00	6.30	7.80	8.80	9.55	10.36	*
50–59 years	256	6.63	2.11	0.148	*	3.65	4.10	4.41	4.95	6.50	7.84	8.61	9.60	10.86	*
60–69 years	276	6.56	2.38	0.160	*	3.90	4.20	4.55	5.00	6.15	7.50	8.70	9.31	10.19	*
70 years and over	252	6.47	1.92	0.135	*	3.95	4.30	4.55	5.09	6.10	7.65	8.65	9.31	9.80	*
Mexican American															
1 year and over	3,994	7.96	2.24	0.050	4.45	4.91	5.45	5.80	6.40	7.65	9.26	10.19	10.90	12.00	12.94
1–2 years	285	9.15	2.60	0.190	*	*	6.20	6.75	7.30	9.01	10.39	11.55	12.70	*	*
3–5 years	506	8.40	2.47	0.136	*	5.05	5.60	5.91	6.55	8.09	9.95	11.00	11.80	12.65	*
6–8 years	257	8.17	2.11	0.162	*	*	5.70	6.05	6.95	7.80	9.31	10.15	10.20	*	*
9–11 years	265	7.79	2.05	0.156	*	*	5.15	5.65	6.20	7.40	9.31	10.35	10.51	*	*
12–14 years	218	7.60	2.13	0.178	*	*	5.20	5.50	5.95	7.30	8.85	9.56	10.85	*	*
15–19 years	297	8.25	1.96	0.141	*	5.30	6.05	6.25	6.85	8.10	9.40	10.30	11.05	11.50	*
20–29 years	632	7.83	2.07	0.102	*	4.80	5.30	5.75	6.35	7.60	9.25	10.00	10.80	11.76	*
30–39 years	504	8.06	2.39	0.132	*	4.95	5.45	5.90	6.35	7.50	9.55	10.69	11.35	12.60	*
40–49 years	356	7.76	2.16	0.142	*	5.00	5.25	5.70	6.30	7.51	8.77	9.70	10.19	11.26	*
50–59 years	185	7.55	2.10	0.191	*	*	5.30	5.51	6.05	7.20	8.70	9.94	10.75	*	*
60–69 years	317	7.43	2.16	0.150	*	4.76	5.30	5.59	6.15	7.20	8.39	9.10	9.90	10.65	*
70 years and over	172	7.54	2.74	0.258	*	*	4.90	5.20	5.90	7.15	8.85	9.50	10.51	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 34. White blood cell differential count as 10⁹ cells per liter for persons 1 year and over, leukocyte count measured electronically, differential percentage, count numbers, and standard error of the mean for segmented neutrophils, lymphocytes, monocytes, eosinophils, and basophils determined using differential smear, by race/ethnicity and age: United States, 1988–94

Age, sex, and race/ethnic group	Total leukocytes mean no.	Segmented neutrophils				Lymphocytes				Monocytes				Eosinophils				Basophils			
		Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹
All race/ethnic groups ²																					
1 year and over	7.96	56.85	0.28	4.53	0.05	34.28	0.22	2.73	0.02	5.62	0.13	0.45	0.01	2.81	0.09	0.22	0.01	0.42	0.02	0.03	0.00
1–5 years	8.70	41.86	0.59	3.64	0.08	48.82	0.58	4.25	0.07	5.72	0.16	0.50	0.02	3.21	0.16	0.28	0.01	0.37	0.04	0.03	0.00
6–11 years	8.73	50.12	0.75	4.38	0.12	39.67	0.65	3.46	0.06	5.78	0.24	0.50	0.02	3.95	0.24	0.34	0.02	0.46	0.06	0.04	0.01
12–18 years	7.83	56.46	0.75	4.42	0.13	34.24	0.66	2.68	0.05	5.51	0.24	0.43	0.02	3.29	0.24	0.26	0.02	0.41	0.06	0.03	0.00
19–65 years	7.88	59.59	0.33	4.70	0.06	31.98	0.29	2.52	0.03	5.47	0.12	0.43	0.01	2.53	0.12	0.20	0.01	0.41	0.03	0.03	0.00
66 years and over	8.00	60.68	0.59	4.85	0.10	30.02	0.56	2.40	0.15	6.19	0.21	0.50	0.02	2.62	0.21	0.21	0.01	0.48	0.05	0.04	0.00
Non-Hispanic white																					
1 year and over	8.12	58.45	0.39	4.75	0.07	32.82	0.30	2.66	0.03	5.62	0.17	0.46	0.01	2.67	0.10	0.22	0.01	0.42	0.03	0.03	0.00
1–5 years	8.69	41.58	0.93	3.61	0.11	49.10	0.92	4.27	0.10	5.66	0.24	0.49	0.02	3.27	0.26	0.28	0.02	0.38	0.05	0.03	0.00
6–11 years	7.89	50.63	1.17	3.99	0.18	39.31	1.02	3.10	0.09	5.73	0.39	0.45	0.03	3.94	0.42	0.31	0.03	0.41	0.09	0.03	0.01
12–18 years	8.05	57.86	1.19	4.66	0.21	32.94	1.02	2.65	0.08	5.60	0.39	0.45	0.03	3.09	0.38	0.25	0.03	0.42	0.10	0.03	0.00
19–65 years	8.05	61.08	0.46	4.92	0.09	30.67	0.39	2.47	0.04	5.42	0.17	0.44	0.01	2.39	0.11	0.19	0.01	0.41	0.04	0.03	0.00
66 years and over	8.22	61.32	0.60	5.04	0.09	29.39	0.56	2.42	0.15	6.26	0.20	0.51	0.02	2.55	0.13	0.21	0.01	0.46	0.04	0.04	0.00
Non-Hispanic black																					
1 year and over	6.97	51.05	0.33	3.56	0.04	39.44	0.29	2.75	0.02	5.92	0.13	0.41	0.01	3.12	0.10	0.22	0.01	0.44	0.03	0.03	0.00
1–5 years	7.81	38.91	0.58	3.04	0.07	51.33	0.58	4.01	0.06	6.10	0.24	0.48	0.02	3.34	0.17	0.26	0.01	0.32	0.03	0.02	0.00
6–11 years	7.06	47.07	0.79	3.32	0.10	42.05	0.71	2.97	0.05	5.81	0.29	0.41	0.02	4.46	0.29	0.31	0.02	0.57	0.06	0.04	0.00
12–18 years	6.78	52.02	0.85	3.53	0.13	37.58	0.74	2.55	0.04	5.77	0.31	0.39	0.02	3.95	0.30	0.27	0.02	0.43	0.06	0.03	0.00
19–65 years	6.85	53.64	0.38	3.67	0.05	37.36	0.34	2.56	0.03	4.35	0.48	0.30	0.01	2.68	0.10	0.18	0.01	0.43	0.03	0.03	0.00
66 years and over	6.56	56.45	0.84	3.70	0.11	33.98	0.80	2.23	0.06	5.89	0.36	0.39	0.02	2.96	0.31	0.19	0.02	0.53	0.07	0.03	0.01
Mexican American																					
1 year and over	8.48	56.28	0.42	4.77	0.05	35.03	0.29	2.97	0.04	5.38	0.11	0.46	0.01	2.91	0.15	0.25	0.01	0.39	0.02	0.03	0.00
1–5 years	9.47	44.84	0.81	4.25	0.13	46.34	0.07	4.39	0.08	5.50	0.18	0.52	0.02	2.94	0.23	0.28	0.02	0.37	0.04	0.04	0.00
6–11 years	8.32	51.76	1.14	4.31	0.17	38.13	0.82	3.17	0.08	5.66	0.27	0.47	0.02	4.09	0.43	0.34	0.04	0.36	0.09	0.03	0.01
12–18 years	8.26	57.95	1.02	4.79	0.17	32.40	0.82	2.68	0.06	5.58	0.26	0.46	0.02	3.58	0.40	0.30	0.04	0.47	0.06	0.04	0.01
19–65 years	8.30	59.89	0.46	4.97	0.09	32.04	0.37	2.66	0.03	5.21	0.13	0.43	0.01	2.48	0.14	0.21	0.01	0.38	0.03	0.03	0.00
66 years and over	7.96	62.74	1.05	4.99	0.19	27.79	0.86	2.21	0.17	5.85	0.34	0.47	0.03	3.16	0.39	0.25	0.03	0.66	0.11	0.05	0.01

0.0 Quantity more than zero but less than 0.05.

¹Standard error.

²Includes all other race/ethnic groups not listed separately.

Table 35. White blood cell differential count as 10⁹ cells per liter for males 1 year and over, leukocyte count measured electronically, differential count percentage, numbers, and standard error of the mean for segmented neutrophils, lymphocytes, monocytes, eosinophils, and basophils determined using differential smear, by race/ethnicity and age: United States, 1988–94

Age, sex, and race/ethnic group	Total leukocytes mean no.	Segmented neutrophils				Lymphocytes				Monocytes				Eosinophils				Basophils			
		Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹
All race/ethnic groups ²																					
1 year and over	7.96	55.96	0.40	4.45	0.07	34.69	0.32	2.76	0.04	5.84	0.19	0.46	0.01	3.09	0.19	0.25	0.01	0.40	0.03	0.03	0.00
1–5 years	8.67	42.56	0.66	3.69	0.10	47.85	0.65	4.15	0.09	5.85	0.18	0.51	0.02	3.36	0.18	0.29	0.02	0.36	0.04	0.03	0.01
6–11 years	7.84	50.71	0.94	3.98	0.15	38.84	0.83	3.05	0.08	5.82	0.29	0.46	0.02	4.20	0.29	0.33	0.03	0.43	0.07	0.03	0.04
12–18 years	7.73	54.55	0.93	4.22	0.17	34.97	0.82	2.70	0.04	5.89	0.31	0.46	0.03	4.01	0.31	0.31	0.03	0.38	0.08	0.03	0.01
19–65 years	7.83	58.82	0.44	4.61	0.09	32.39	0.39	2.54	0.04	5.67	0.15	0.44	0.01	2.72	0.15	0.21	0.01	0.39	0.04	0.03	0.00
66 years and over	8.23	60.54	0.76	4.98	0.12	29.45	0.74	2.42	0.27	6.57	0.27	0.54	0.02	2.94	0.27	0.24	0.02	0.49	0.06	0.04	0.01
Non-Hispanic white																					
1 year and over	8.13	57.52	0.56	4.68	0.09	33.34	0.44	2.71	0.06	5.84	0.26	0.47	0.02	2.88	0.15	0.23	0.01	0.40	0.04	0.03	0.00
1–5 years	8.67	42.18	0.91	3.66	0.96	48.29	0.87	4.19	0.13	5.84	0.27	0.51	0.02	3.32	0.29	0.29	0.02	0.37	0.07	0.03	0.01
6–11 years	8.03	51.06	1.33	4.10	0.24	38.69	1.14	3.11	0.14	5.84	0.45	0.47	0.03	4.04	0.58	0.32	0.05	0.38	0.10	0.03	0.01
12–18 years	8.04	55.89	1.54	4.49	0.30	33.82	1.29	2.72	0.12	5.95	0.54	0.48	0.04	3.73	0.67	0.30	0.05	0.39	0.14	0.03	0.01
19–65 years	7.98	60.31	0.56	4.81	0.12	31.16	0.48	2.49	0.06	5.62	0.22	0.45	0.02	2.52	0.15	0.20	0.01	0.39	0.05	0.03	0.00
66 years and over	8.52	61.22	0.72	5.22	0.12	28.78	0.68	2.45	0.26	6.66	0.26	0.57	0.02	2.85	0.18	0.24	0.01	0.48	0.06	0.04	0.00
Non-Hispanic black																					
1 year and over	6.82	49.69	0.50	3.39	0.06	40.06	0.42	2.73	0.03	6.20	0.20	0.42	0.01	3.58	0.16	0.24	0.01	0.42	0.04	0.03	0.00
1–5 years	7.73	39.52	0.80	3.05	0.10	50.37	0.83	3.89	0.09	6.10	0.28	0.47	0.02	3.71	0.21	0.29	0.02	0.31	0.04	0.02	0.00
6–11 years	7.04	46.51	1.12	3.27	0.17	42.57	1.05	3.00	0.09	5.53	0.36	0.38	0.02	4.73	0.39	0.33	0.03	0.58	0.08	0.04	0.01
12–18 years	6.31	49.08	1.25	3.10	0.18	38.76	1.14	2.45	0.07	6.26	0.41	0.40	0.03	4.97	0.51	0.31	0.03	0.49	0.08	0.03	0.01
19–65 years	6.68	52.48	0.60	3.51	0.10	37.84	0.56	2.53	0.04	4.66	0.55	0.31	0.01	2.98	0.17	0.20	0.01	0.39	0.03	0.03	0.00
66 years and over	6.37	56.57	1.15	3.60	0.17	32.50	1.19	2.07	0.08	6.27	0.44	0.40	0.03	3.81	0.54	0.24	0.03	0.55	0.10	0.04	0.01
Mexican American																					
1 year and over	8.28	55.06	0.58	4.56	0.07	35.54	0.41	2.94	0.05	5.82	0.17	0.48	0.01	3.20	0.22	0.26	0.02	0.40	0.03	0.03	0.00
1–5 years	9.48	44.45	1.05	4.21	0.19	46.25	0.97	4.38	0.13	5.79	0.22	0.55	0.03	3.16	0.27	0.30	0.03	0.34	0.05	0.03	0.01
6–11 years	7.88	51.41	1.62	4.05	0.28	37.52	1.23	2.96	0.11	6.30	0.37	0.50	0.03	4.46	0.56	0.35	0.05	0.35	0.06	0.03	0.00
12–18 years	8.02	55.39	1.31	4.44	0.21	34.05	1.18	2.73	0.11	5.83	0.33	0.47	0.03	4.25	0.56	0.34	0.07	0.49	0.09	0.04	0.01
19–65 years	8.09	58.74	0.68	4.75	0.14	32.53	0.57	2.63	0.05	5.67	0.18	0.46	0.02	2.68	0.18	0.22	0.01	0.39	0.04	0.03	0.00
66 years and over	7.68	62.62	1.30	4.81	0.26	27.45	1.10	2.11	0.09	6.43	0.39	0.49	0.03	2.80	0.46	0.22	0.04	0.59	0.12	0.05	0.01

0.00 Quantity more than zero but less than 0.05.

¹Standard error.

²Includes all other race/ethnic groups not listed separately.

Table 36. White blood cell differential count as 10⁹ cells per liter for females 1 year and over, leukocyte count measured electronically, differential count numbers and standard error of the mean for segmented neutrophils, lymphocytes, monocytes, eosinophils, and basophils determined using differential smear, by race/ethnicity and age: United States, 1988–94

Age, sex, and race/ethnic group	Total leukocytes mean no.	Segmented neutrophils				Lymphocytes				Monocytes				Eosinophils				Basophils			
		Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹	Mean %	SE ¹	Mean no.	SE ¹
All race/ethnic groups ²																					
1 year and over	7.96	57.69	0.39	4.59	0.07	33.90	0.31	2.70	0.03	5.41	0.17	0.43	0.01	2.54	0.17	0.20	0.01	0.44	0.03	0.04	0.00
1–5 years	8.74	40.89	0.95	3.57	0.12	50.14	0.99	4.38	0.09	5.55	0.21	0.49	0.02	3.02	0.21	0.26	0.02	0.39	0.04	0.03	0.00
6–11 years	7.62	49.47	1.04	3.77	0.16	40.57	0.95	3.09	0.08	5.73	0.31	0.44	0.03	3.74	0.31	0.28	0.02	0.49	0.09	0.04	0.01
12–18 years	7.93	58.30	1.05	4.62	0.20	33.55	0.99	2.66	0.06	5.13	0.28	0.41	0.02	2.58	0.28	0.20	0.02	0.43	0.07	0.03	0.01
19–65 years	7.94	60.29	0.46	4.79	0.09	31.62	0.41	2.51	0.03	5.28	0.14	0.42	0.01	2.36	0.10	0.19	0.01	0.43	0.03	0.03	0.00
66 years and over	7.82	60.78	0.84	4.75	0.15	30.48	0.80	2.38	0.15	5.89	0.25	0.46	0.02	2.37	0.19	0.19	0.02	0.47	0.06	0.04	0.01
Non-Hispanic white																					
1 year and over	8.10	59.35	0.53	4.81	0.09	32.32	0.42	2.62	0.04	5.40	0.23	0.44	0.02	2.47	0.13	0.20	0.01	0.43	0.04	0.03	0.00
1–5 years	8.73	40.70	1.54	3.55	0.19	50.29	1.61	4.39	0.15	5.41	0.32	0.47	0.03	3.19	0.29	0.28	0.04	0.40	0.06	0.03	0.01
6–11 years	7.75	50.17	1.60	3.89	0.26	39.97	1.45	3.10	0.10	5.60	0.50	0.43	0.04	3.84	0.58	0.30	0.04	0.44	0.07	0.03	0.01
12–18 years	8.06	59.73	1.42	4.81	0.29	32.10	1.30	2.59	0.09	5.26	0.43	0.42	0.04	2.46	0.67	0.20	0.02	0.44	0.14	0.04	0.01
19–65 years	8.11	61.80	0.60	5.01	0.13	30.21	0.52	2.45	0.04	5.24	0.20	0.42	0.01	2.28	0.15	0.18	0.01	0.43	0.12	0.03	0.00
66 years and over	7.98	61.40	0.79	4.90	0.14	29.89	0.74	2.39	0.15	5.95	0.24	0.47	0.02	2.32	0.18	0.19	0.01	0.45	0.04	0.04	0.00
Non-Hispanic black																					
1 year and over	7.08	52.17	0.46	3.69	0.06	38.94	0.39	2.76	0.03	5.69	0.18	0.40	0.01	2.74	0.12	0.19	0.01	0.45	0.04	0.03	0.00
1–5 years	7.90	38.23	0.88	3.02	0.10	52.40	0.85	4.14	0.09	6.12	0.34	0.48	0.02	2.92	0.24	0.23	0.02	0.34	0.05	0.03	0.00
6–11 years	7.07	47.65	1.17	3.37	0.14	41.52	1.00	2.94	0.07	6.10	0.40	0.43	0.02	4.19	0.37	0.30	0.03	0.56	0.08	0.04	0.01
12–18 years	7.17	54.42	1.17	3.90	0.18	36.62	1.00	2.63	0.06	5.36	0.37	0.38	0.02	3.11	0.29	0.22	0.02	0.39	0.07	0.03	0.01
19–65 years	6.98	54.50	0.50	3.80	0.07	37.00	0.44	2.58	0.04	4.12	0.51	0.29	0.01	2.46	0.12	0.17	0.01	0.46	0.04	0.03	0.01
66 years and over	6.67	56.38	1.25	3.76	0.15	34.92	1.11	2.33	0.09	5.64	0.48	0.38	0.02	2.42	0.30	0.16	0.02	0.53	0.09	0.04	0.01
Mexican American																					
1 year and over	8.70	57.58	0.60	5.01	0.08	34.49	0.42	3.00	0.05	4.92	0.15	0.43	0.01	2.60	0.20	0.23	0.02	0.39	0.03	0.03	0.00
1–5 years	9.46	45.29	1.06	4.28	0.16	46.44	0.95	4.39	0.11	5.17	0.22	0.49	0.02	2.69	0.26	0.25	0.03	0.39	0.05	0.04	0.00
6–11 years	8.83	52.18	1.34	4.61	0.19	38.85	1.03	3.43	0.14	4.91	0.28	0.43	0.03	3.66	0.45	0.32	0.04	0.37	0.15	0.03	0.01
12–18 years	8.51	60.72	1.27	5.17	0.22	30.62	1.04	2.61	0.08	5.30	0.31	0.45	0.03	2.86	0.34	0.24	0.03	0.44	0.08	0.04	0.01
19–65 years	8.52	61.06	0.52	5.20	0.10	31.55	0.44	2.69	0.05	4.74	0.14	0.40	0.01	2.28	0.16	0.19	0.01	0.36	0.03	0.03	0.00
66 years and over	8.29	62.87	1.45	5.21	0.24	28.18	1.26	2.34	0.38	5.18	0.42	0.43	0.04	2.87	0.47	0.24	0.04	0.74	0.16	0.06	0.01

0.0 Quantity more than zero but less than 0.05.

¹Standard error.²Includes all other race/ethnic groups not listed separately.

Table 37. Granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	25,925	4.46	1.78	0.026	1.90	2.15	2.55	2.80	3.25	4.20	5.35	6.05	6.70	7.75	8.75
1–2 years	1,776	3.43	1.65	0.064	1.20	1.50	1.80	2.00	2.25	3.15	4.10	4.80	5.45	6.66	7.59
3–5 years	2,579	3.92	1.71	0.055	1.45	1.75	2.10	2.35	2.70	3.70	4.80	5.50	5.95	7.05	8.31
6–8 years	1,356	4.11	1.60	0.071	1.75	2.00	2.40	2.60	3.00	3.90	5.00	5.55	6.00	7.05	8.19
9–11 years	1,492	3.95	1.65	0.070	1.60	1.95	2.25	2.40	2.80	3.70	4.75	5.40	6.00	6.75	8.20
12–14 years	1,144	4.15	1.66	0.081	1.70	1.95	2.30	2.55	3.00	3.90	4.95	5.50	6.00	7.15	8.05
15–19 years	1,762	4.64	1.85	0.073	1.90	2.20	2.65	2.90	3.35	4.41	5.50	6.26	7.10	8.19	9.31
20–29 years	3,262	4.67	1.87	0.054	2.00	2.30	2.60	2.90	3.35	4.34	5.70	6.51	7.16	8.26	9.10
30–39 years	3,088	4.60	1.87	0.055	2.00	2.30	2.70	2.90	3.35	4.30	5.50	6.30	7.10	8.06	8.90
40–49 years	2,428	4.52	1.67	0.056	1.96	2.30	2.70	3.00	3.40	4.26	5.41	5.95	6.59	7.70	8.55
50–59 years	1,771	4.46	1.77	0.069	2.00	2.30	2.65	2.90	3.30	4.20	5.25	6.05	6.59	7.55	8.45
60–69 years	2,200	4.43	1.61	0.056	2.10	2.35	2.70	2.95	3.35	4.20	5.25	5.80	6.40	7.25	8.44
70 years and over	3,067	4.68	1.71	0.051	2.20	2.45	2.80	3.10	3.55	4.40	5.51	6.26	6.80	7.80	8.80
Non-Hispanic white															
1 year and over	9,398	4.56	1.75	0.029	2.10	2.35	2.70	2.95	3.40	4.30	5.41	6.10	6.76	7.85	8.84
1–2 years	564	3.41	1.54	0.081	*	1.60	1.85	2.05	2.30	3.15	4.10	4.66	5.50	6.66	*
3–5 years	652	3.94	1.60	0.079	*	1.90	2.20	2.40	2.75	3.70	4.85	5.50	5.80	6.85	*
6–8 years	359	4.21	1.53	0.101	*	2.10	2.45	2.70	3.05	4.05	5.05	5.65	6.01	6.95	*
9–11 years	384	4.06	1.58	0.101	*	2.25	2.40	2.70	2.95	3.80	4.76	5.34	5.95	6.75	*
12–14 years	289	4.19	1.55	0.114	*	*	2.40	2.65	3.20	4.05	4.95	5.40	5.95	*	*
15–19 years	461	4.83	1.76	0.103	*	2.65	2.90	3.10	3.55	4.59	5.60	6.35	7.10	8.26	*
20–29 years	833	4.79	1.85	0.080	*	2.40	2.70	3.05	3.45	4.40	5.80	6.65	7.35	8.40	*
30–39 years	994	4.68	1.86	0.074	*	2.60	2.80	3.00	3.40	4.35	5.55	6.30	7.15	8.14	*
40–49 years	866	4.61	1.64	0.070	*	2.50	2.85	3.10	3.50	4.30	5.45	5.95	6.59	7.76	*
50–59 years	874	4.56	1.80	0.076	*	2.45	2.75	2.95	3.40	4.30	5.45	6.10	6.75	7.65	*
60–69 years	956	4.51	1.60	0.065	*	2.40	2.80	3.05	3.45	4.26	5.26	5.80	6.40	7.30	*
70 years and over	2,166	4.77	1.70	0.046	*	2.55	2.95	3.20	3.65	4.50	5.59	6.30	6.90	7.95	*
Non-Hispanic black															
1 year and over	7,561	3.67	1.73	0.026	1.30	1.55	1.85	2.05	2.45	3.35	4.55	5.30	5.95	6.90	7.75
1–2 years	536	2.96	1.53	0.076	*	1.15	1.35	1.55	1.90	2.60	3.70	4.40	5.00	5.80	*
3–5 years	837	3.30	1.63	0.064	*	1.30	1.55	1.80	2.15	3.10	4.01	4.80	5.35	6.50	*
6–8 years	435	3.51	1.67	0.091	*	1.45	1.60	1.90	2.35	3.20	4.45	5.15	5.60	6.55	*
9–11 years	510	3.24	1.56	0.079	*	1.30	1.50	1.75	2.15	2.95	4.05	4.80	5.40	6.20	*
12–14 years	395	3.50	2.02	0.116	*	1.40	1.65	1.85	2.30	3.15	4.26	4.91	5.41	6.50	*
15–19 years	614	3.68	1.82	0.084	*	1.60	1.85	2.05	2.40	3.30	4.55	5.30	5.90	6.80	*
20–29 years	1,022	3.89	1.74	0.062	*	1.70	2.05	2.25	2.65	3.50	4.80	5.70	6.45	7.16	*
30–39 years	1,025	3.80	1.75	0.062	*	1.65	1.95	2.20	2.55	3.50	4.65	5.51	6.20	7.10	*
40–49 years	740	3.70	1.70	0.071	*	1.70	1.90	2.10	2.40	3.35	4.60	5.45	6.05	7.00	*
50–59 years	449	3.81	1.62	0.087	*	1.70	1.95	2.15	2.55	3.60	4.65	5.40	6.05	6.70	*
60–69 years	534	3.64	1.54	0.076	*	1.75	2.00	2.15	2.55	3.35	4.35	5.10	5.51	6.60	*
70 years and over	464	3.85	1.64	0.087	*	1.80	2.15	2.30	2.65	3.55	4.70	5.55	6.01	6.85	*
Mexican American															
1 year and over	7,819	4.71	1.79	0.031	2.15	2.40	2.80	3.05	3.50	4.40	5.60	6.40	7.00	8.06	9.05
1–2 years	578	3.95	1.90	0.100	*	1.80	2.10	2.25	2.80	3.60	4.73	5.40	6.00	7.40	*
3–5 years	954	4.39	2.03	0.083	*	2.15	2.45	2.70	3.05	4.00	5.26	5.90	6.80	8.35	*
6–8 years	500	4.56	1.73	0.098	*	2.20	2.85	3.05	3.45	4.30	5.40	5.90	6.70	7.60	*
9–11 years	533	4.32	1.60	0.087	*	2.35	2.55	2.70	3.10	4.05	5.30	6.10	6.50	7.15	*
12–14 years	405	4.64	1.74	0.110	*	2.50	2.80	3.00	3.40	4.30	5.50	6.45	6.90	8.10	*
15–19 years	592	5.01	1.71	0.089	*	2.65	3.00	3.35	3.80	4.75	5.95	6.75	7.35	8.20	*
20–29 years	1,266	4.80	1.73	0.061	*	2.40	2.85	3.15	3.55	4.50	5.80	6.55	7.15	8.25	*
30–39 years	935	4.93	1.93	0.080	*	2.65	3.00	3.21	3.65	4.51	5.76	6.65	7.50	8.90	*
40–49 years	713	4.74	1.71	0.081	*	2.60	2.95	3.20	3.60	4.41	5.55	6.25	6.76	7.65	*
50–59 years	352	4.75	1.75	0.118	*	2.60	2.95	3.20	3.60	4.35	5.45	6.35	7.10	7.70	*
60–69 years	632	4.69	1.54	0.077	*	2.80	3.05	3.30	3.75	4.41	5.40	5.95	6.84	7.59	*
70 years and over	359	4.83	1.58	0.106	*	2.80	3.20	3.35	3.75	4.59	5.59	6.20	6.80	7.55	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 38. Granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,457	4.40	1.73	0.036	1.90	2.15	2.55	2.80	3.25	4.15	5.20	5.91	6.50	7.60	8.60
1–2 years	927	3.47	1.72	0.085	1.20	1.50	1.80	2.05	2.30	3.15	4.10	4.85	5.65	6.75	7.50
3–5 years	1,268	3.86	1.73	0.073	1.40	1.75	2.10	2.35	2.65	3.55	4.70	5.40	5.90	7.30	8.50
6–8 years	698	4.04	1.54	0.088	1.80	1.95	2.35	2.60	3.00	3.85	4.85	5.35	5.76	6.90	8.20
9–11 years	770	3.87	1.64	0.089	1.60	1.90	2.25	2.40	2.75	3.55	4.70	5.30	5.85	6.41	7.30
12–14 years	533	3.97	1.63	0.106	1.65	1.80	2.15	2.40	2.85	3.75	4.70	5.30	5.90	7.45	8.50
15–19 years	829	4.43	1.78	0.093	1.90	2.10	2.50	2.75	3.05	4.25	5.30	6.05	6.80	7.95	9.05
20–29 years	1,538	4.47	1.69	0.065	2.05	2.30	2.60	2.95	3.35	4.20	5.35	5.95	6.55	7.50	8.44
30–39 years	1,378	4.51	1.76	0.072	2.00	2.35	2.70	2.95	3.30	4.15	5.30	6.15	6.80	7.70	8.89
40–49 years	1,149	4.52	1.67	0.074	1.85	2.35	2.70	3.05	3.45	4.26	5.40	5.90	6.40	7.66	8.65
50–59 years	820	4.63	1.84	0.097	2.05	2.35	2.75	3.00	3.45	4.30	5.50	6.15	6.90	7.65	9.00
60–69 years	1,111	4.54	1.47	0.066	2.15	2.50	2.95	3.15	3.60	4.30	5.26	5.91	6.50	7.26	8.11
70 years and over	1,436	4.82	1.77	0.071	2.30	2.55	2.90	3.25	3.65	4.50	5.65	6.40	7.10	8.19	9.10
Non-Hispanic white															
1 year and over	4,449	4.52	1.69	0.042	2.05	2.35	2.70	2.95	3.40	4.25	5.35	6.00	6.60	7.70	8.66
1–2 years	296	3.42	1.52	0.099	*	1.60	1.90	2.10	2.30	3.15	4.09	4.70	5.65	6.65	*
3–5 years	323	3.83	1.58	0.099	*	1.80	2.15	2.40	2.70	3.55	4.70	5.35	5.70	7.10	*
6–8 years	187	4.12	1.42	0.117	*	*	2.50	2.70	3.05	4.05	5.00	5.45	5.75	*	*
9–11 years	200	3.95	1.50	0.119	*	*	2.40	2.65	2.95	3.70	4.70	5.30	5.70	*	*
12–14 years	138	3.97	1.58	0.151	*	*	2.20	2.45	2.80	3.75	4.60	5.20	5.85	*	*
15–19 years	195	4.71	1.78	0.143	*	*	2.75	2.90	3.45	4.60	5.55	6.34	7.10	*	*
20–29 years	371	4.54	1.59	0.093	*	2.40	2.65	3.05	3.45	4.30	5.45	6.05	6.55	7.51	*
30–39 years	431	4.60	1.76	0.095	*	2.65	2.85	3.05	3.35	4.30	5.40	6.16	7.05	7.90	*
40–49 years	413	4.63	1.64	0.091	*	2.55	2.90	3.15	3.50	4.35	5.45	5.90	6.35	7.70	*
50–59 years	407	4.75	1.88	0.105	*	2.60	2.85	3.10	3.55	4.35	5.55	6.25	6.95	8.01	*
60–69 years	490	4.62	1.44	0.073	*	2.80	3.00	3.20	3.65	4.35	5.34	6.05	6.51	7.30	*
70 years and over	998	4.94	1.76	0.063	*	2.75	3.15	3.40	3.80	4.60	5.76	6.55	7.25	8.20	*
Non-Hispanic black															
1 year and over	3,564	3.52	1.62	0.036	1.30	1.50	1.80	2.00	2.35	3.20	4.40	5.05	5.65	6.65	7.50
1–2 years	273	2.99	1.60	0.111	*	1.15	1.40	1.55	1.90	2.60	3.70	4.45	5.20	6.30	*
3–5 years	415	3.32	1.61	0.091	*	1.35	1.55	1.80	2.15	3.10	4.01	4.85	5.50	6.85	*
6–8 years	224	3.39	1.67	0.128	*	1.40	1.60	1.75	2.20	3.15	4.10	5.10	5.60	6.75	*
9–11 years	265	3.11	1.51	0.106	*	1.30	1.50	1.80	2.15	2.80	3.70	4.62	5.10	6.30	*
12–14 years	180	3.30	1.66	0.142	*	*	1.55	1.75	2.10	3.00	3.95	4.90	5.40	*	*
15–19 years	297	3.30	1.36	0.090	*	1.40	1.80	2.00	2.30	3.00	4.20	4.65	5.10	5.65	*
20–29 years	454	3.69	1.56	0.084	*	1.80	2.00	2.25	2.55	3.40	4.51	5.30	5.80	6.65	*
30–39 years	445	3.61	1.70	0.092	*	1.55	1.80	2.00	2.40	3.25	4.55	5.15	5.76	6.70	*
40–49 years	329	3.64	1.79	0.113	*	1.65	1.85	2.00	2.30	3.25	4.51	5.55	6.10	7.15	*
50–59 years	201	3.91	1.62	0.131	*	*	2.05	2.30	2.75	3.65	4.75	5.30	6.10	*	*
60–69 years	265	3.60	1.43	0.101	*	1.75	1.95	2.20	2.55	3.35	4.35	4.95	5.41	6.30	*
70 years and over	216	3.80	1.64	0.128	*	*	2.10	2.25	2.70	3.55	4.51	5.35	5.84	*	*
Mexican American															
1 year and over	3,903	4.55	1.73	0.043	2.10	2.35	2.75	3.00	3.40	4.25	5.40	6.10	6.70	7.70	8.80
1–2 years	298	3.93	1.94	0.137	*	*	2.00	2.20	2.80	3.55	4.76	5.50	5.95	*	*
3–5 years	458	4.38	2.06	0.117	*	2.30	2.55	2.75	3.15	4.01	5.00	5.70	6.35	7.91	*
6–8 years	248	4.50	1.75	0.135	*	*	2.85	3.20	3.45	4.20	5.05	5.85	6.41	*	*
9–11 years	271	4.17	1.55	0.115	*	*	2.50	2.70	2.95	3.95	5.10	5.70	6.40	*	*
12–14 years	189	4.55	1.68	0.149	*	*	2.90	3.00	3.35	4.25	5.30	6.41	6.84	*	*
15–19 years	299	4.59	1.64	0.116	*	*	2.80	3.05	3.45	4.20	5.55	6.10	6.70	*	*
20–29 years	643	4.62	1.64	0.079	*	2.35	2.80	3.10	3.45	4.40	5.49	6.26	6.80	7.80	*
30–39 years	447	4.66	1.80	0.103	*	2.50	2.80	3.05	3.45	4.35	5.45	6.26	6.80	7.91	*
40–49 years	363	4.56	1.56	0.099	*	2.45	2.85	3.10	3.50	4.30	5.45	6.00	6.54	7.50	*
50–59 years	171	4.87	1.92	0.179	*	*	3.00	3.20	3.55	4.65	5.45	6.34	7.05	*	*
60–69 years	323	4.76	1.53	0.104	*	2.80	3.15	3.40	3.75	4.40	5.50	6.25	7.00	7.60	*
70 years and over	193	4.85	1.61	0.141	*	*	3.30	3.35	3.85	4.65	5.35	6.01	6.55	*	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 39. Granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,468	4.51	1.83	0.036	1.90	2.20	2.55	2.80	3.25	4.25	5.45	6.20	6.80	7.90	8.85
1–2 years	849	3.39	1.58	0.089	1.20	1.50	1.80	1.95	2.20	3.15	4.10	4.76	5.30	6.40	7.70
3–5 years	1,311	3.99	1.69	0.076	1.50	1.80	2.10	2.35	2.75	3.80	4.90	5.51	6.01	6.95	7.95
6–8 years	658	4.19	1.65	0.105	1.65	2.00	2.40	2.55	3.00	4.00	5.15	5.80	6.30	7.45	8.11
9–11 years	722	4.03	1.66	0.101	1.60	2.05	2.25	2.50	2.85	3.75	4.75	5.55	6.25	6.90	8.41
12–14 years	611	4.34	1.68	0.111	1.85	2.25	2.55	2.75	3.20	4.25	5.20	5.55	6.20	7.00	7.51
15–19 years	933	4.84	1.91	0.102	1.95	2.40	2.85	3.20	3.55	4.55	5.65	6.55	7.20	8.30	9.60
20–29 years	1,724	4.87	2.01	0.079	1.95	2.25	2.55	2.85	3.35	4.45	6.05	6.95	7.60	8.65	9.65
30–39 years	1,710	4.70	1.97	0.078	1.95	2.30	2.65	2.90	3.40	4.30	5.65	6.45	7.20	8.36	9.20
40–49 years	1,279	4.52	1.68	0.077	2.00	2.30	2.60	2.90	3.35	4.25	5.50	6.05	6.60	7.70	8.35
50–59 years	951	4.30	1.69	0.090	1.90	2.25	2.55	2.80	3.15	4.05	5.10	5.80	6.34	7.20	8.25
60–69 years	1,089	4.34	1.72	0.085	2.00	2.30	2.50	2.75	3.15	4.10	5.15	5.70	6.25	7.25	8.60
70 years and over	1,631	4.59	1.66	0.067	2.10	2.40	2.75	3.05	3.45	4.35	5.45	6.20	6.60	7.50	8.35
Non-Hispanic white															
1 year and over	4,949	4.61	1.80	0.042	2.10	2.35	2.70	2.95	3.35	4.30	5.50	6.20	6.90	8.00	8.90
1–2 years	268	3.40	1.56	0.120	*	1.60	1.85	2.00	2.20	3.20	4.10	4.55	5.35	6.85	*
3–5 years	329	4.07	1.61	0.112	*	2.00	2.25	2.45	2.90	3.95	5.00	5.60	5.90	6.80	*
6–8 years	172	4.31	1.65	0.158	*	*	2.40	2.60	3.10	4.05	5.34	5.95	6.55	*	*
9–11 years	184	4.16	1.64	0.152	*	*	2.50	2.70	3.05	3.90	4.80	5.55	6.30	*	*
12–14 years	151	4.46	1.46	0.149	*	*	2.85	3.15	3.40	4.40	5.20	5.51	6.09	*	*
15–19 years	266	4.94	1.75	0.135	*	2.80	3.20	3.40	3.70	4.55	5.65	6.59	7.10	8.31	*
20–29 years	462	5.04	2.03	0.119	*	2.40	2.70	3.10	3.55	4.65	6.20	7.16	7.90	8.76	*
30–39 years	563	4.77	1.95	0.103	*	2.40	2.70	3.00	3.50	4.35	5.65	6.55	7.20	8.36	*
40–49 years	453	4.58	1.64	0.097	*	2.45	2.80	3.05	3.50	4.30	5.50	5.95	6.59	7.80	*
50–59 years	467	4.39	1.70	0.099	*	2.40	2.65	2.85	3.20	4.10	5.20	5.90	6.35	7.30	*
60–69 years	466	4.42	1.73	0.101	*	2.40	2.65	2.85	3.20	4.20	5.25	5.75	6.26	7.35	*
70 years and over	1,168	4.65	1.64	0.060	*	2.50	2.90	3.15	3.50	4.40	5.45	6.25	6.65	7.50	*
Non-Hispanic black															
1 year and over	3,997	3.79	1.80	0.038	1.35	1.55	1.90	2.10	2.50	3.45	4.65	5.55	6.20	7.10	8.00
1–2 years	263	2.93	1.47	0.106	*	1.15	1.35	1.60	1.90	2.65	3.75	4.35	4.80	5.40	*
3–5 years	422	3.27	1.65	0.094	*	1.25	1.60	1.75	2.15	3.00	4.00	4.75	5.25	6.25	*
6–8 years	211	3.63	1.66	0.133	*	*	1.65	2.00	2.45	3.40	4.65	5.15	5.66	*	*
9–11 years	245	3.38	1.60	0.119	*	1.30	1.55	1.75	2.20	3.20	4.20	4.90	5.60	6.20	*
12–14 years	215	3.68	2.27	0.181	*	*	1.70	1.90	2.55	3.35	4.50	5.05	5.50	*	*
15–19 years	317	4.08	2.12	0.139	*	1.70	1.95	2.15	2.70	3.65	5.00	5.95	6.45	7.75	*
20–29 years	568	4.06	1.87	0.092	*	1.60	2.05	2.30	2.70	3.65	5.05	6.30	6.70	7.30	*
30–39 years	580	3.96	1.78	0.086	*	1.70	2.00	2.25	2.65	3.65	4.80	5.80	6.35	7.35	*
40–49 years	411	3.75	1.63	0.094	*	1.70	1.95	2.15	2.45	3.45	4.65	5.40	6.05	6.95	*
50–59 years	248	3.72	1.61	0.119	*	1.60	1.85	2.00	2.40	3.60	4.60	5.50	5.91	6.80	*
60–69 years	269	3.67	1.62	0.115	*	1.80	2.00	2.10	2.60	3.30	4.45	5.20	5.90	6.65	*
70 years and over	248	3.88	1.64	0.121	*	1.85	2.15	2.35	2.65	3.50	4.80	5.60	6.20	7.40	*
Mexican American															
1 year and over	3,916	4.88	1.84	0.045	2.20	2.50	2.90	3.15	3.60	4.55	5.84	6.70	7.30	8.40	9.39
1–2 years	280	3.98	1.85	0.138	*	*	2.15	2.30	2.80	3.75	4.70	5.30	6.05	*	*
3–5 years	496	4.41	2.00	0.113	*	1.90	2.40	2.55	3.00	4.00	5.40	6.09	7.10	8.39	*
6–8 years	252	4.63	1.72	0.136	*	*	2.80	2.95	3.30	4.35	5.60	6.10	6.80	*	*
9–11 years	262	4.49	1.63	0.126	*	*	2.55	2.85	3.25	4.10	5.76	6.40	6.76	*	*
12–14 years	216	4.72	1.79	0.153	*	*	2.80	3.00	3.40	4.35	5.55	6.50	7.10	*	*
15–19 years	293	5.46	1.66	0.121	*	2.90	3.55	3.80	4.26	5.40	6.41	7.26	7.70	8.39	*
20–29 years	623	5.02	1.80	0.090	*	2.50	3.00	3.25	3.70	4.75	6.10	6.80	7.70	8.56	*
30–39 years	488	5.23	2.02	0.114	*	2.90	3.25	3.48	3.90	4.75	6.10	7.09	8.10	9.56	*
40–49 years	350	4.93	1.84	0.123	*	2.75	3.00	3.35	3.75	4.60	5.76	6.45	7.10	8.06	*
50–59 years	181	4.65	1.56	0.145	*	*	2.95	3.20	3.60	4.26	5.40	6.51	7.15	*	*
60–69 years	309	4.63	1.54	0.110	*	2.75	3.00	3.25	3.65	4.45	5.20	5.85	6.40	7.55	*
70 years and over	166	4.80	1.55	0.151	*	*	3.10	3.35	3.65	4.50	5.60	6.26	7.10	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 40. Granulocytes in percentages, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile											
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th	
All race/ethnic groups ¹																
1 year and over	25,925	60.0	10.3	0.152	36.3	41.5	47.0	50.2	54.3	60.9	67.0	69.8	72.1	75.3	77.8	
1–2 years	1,776	38.9	11.7	0.451	19.0	21.9	25.0	27.6	30.4	38.0	45.9	50.4	54.5	60.4	64.8	
3–5 years	2,579	49.2	10.9	0.349	28.4	31.9	35.5	38.0	41.7	48.8	56.6	60.0	63.0	67.6	72.0	
6–8 years	1,356	53.7	10.0	0.444	34.1	37.1	41.0	43.5	47.3	53.7	60.4	64.0	66.1	69.8	72.8	
9–11 years	1,492	54.4	9.8	0.414	35.0	38.9	42.5	45.1	48.3	54.2	60.7	64.6	66.8	70.0	73.0	
12–14 years	1,144	56.9	9.1	0.441	38.4	41.4	44.8	48.0	51.9	57.1	62.9	65.1	67.6	72.0	74.3	
15–19 years	1,762	61.7	9.6	0.371	41.3	45.0	50.0	52.3	56.3	62.3	68.0	70.8	72.9	76.2	79.0	
20–29 years	3,262	62.1	8.9	0.254	44.0	47.4	51.1	53.1	56.6	62.3	67.8	71.3	73.4	76.4	78.9	
30–39 years	3,088	61.8	8.6	0.253	42.3	47.1	51.2	53.3	56.9	62.1	67.6	69.9	72.4	75.3	78.3	
40–49 years	2,428	62.1	8.5	0.281	43.8	46.7	51.3	54.1	57.2	62.3	68.1	70.4	72.3	75.3	77.1	
50–59 years	1,771	61.2	8.5	0.329	43.5	47.3	50.6	53.0	55.8	61.6	66.6	69.5	71.7	74.4	76.6	
60–69 years	2,200	61.6	9.0	0.312	43.3	46.6	50.6	52.7	56.3	62.5	67.3	69.9	72.0	74.9	77.9	
70 years and over	3,067	64.2	9.5	0.281	44.3	48.1	51.9	55.2	58.7	65.0	70.8	73.5	75.4	78.0	80.6	
Non-Hispanic white																
1 year and over	9,398	61.2	9.7	0.144	39.3	44.3	49.2	52.2	55.8	61.9	67.7	70.3	72.7	75.5	78.2	
1–2 years	564	38.7	11.5	0.589	*	22.4	25.3	27.7	30.1	37.8	45.6	50.2	53.3	60.1	*	
3–5 years	652	49.4	10.1	0.485	*	33.8	36.9	38.6	42.2	48.8	56.3	59.6	62.4	66.6	*	
6–8 years	359	54.4	9.4	0.608	*	38.3	42.3	44.1	47.7	54.2	61.3	64.3	66.7	69.9	*	
9–11 years	384	55.2	8.8	0.545	*	42.2	44.9	46.6	49.2	54.8	61.1	64.6	66.5	68.2	*	
12–14 years	289	57.3	8.6	0.616	*	46.2	48.6	52.4	57.4	63.0	65.0	66.9	*	*		
15–19 years	461	63.1	8.6	0.488	*	49.8	52.0	54.3	57.8	63.8	68.7	71.2	73.1	77.1	*	
20–29 years	833	63.1	8.2	0.346	*	50.5	52.7	54.7	57.6	63.4	68.6	71.9	74.0	76.6	*	
30–39 years	994	62.8	7.9	0.305	*	50.6	53.0	55.2	57.9	62.7	68.2	70.2	73.0	75.5	*	
40–49 years	866	63.1	7.8	0.324	*	49.3	53.5	55.8	58.6	62.8	68.8	71.0	73.0	75.4	*	
50–59 years	874	62.1	7.7	0.318	*	49.8	52.5	54.5	56.8	62.1	67.0	69.7	72.0	74.4	*	
60–69 years	956	62.5	8.5	0.334	*	48.4	52.1	54.0	57.5	63.1	67.8	70.4	72.5	75.6	*	
70 years and over	2,166	64.8	9.3	0.244	*	49.0	53.3	55.9	59.4	65.4	71.1	73.7	75.6	78.1	*	
Non-Hispanic black																
1 year and over	7,561	53.9	11.9	0.273	28.8	33.1	38.2	41.6	46.3	54.5	62.3	66.2	68.6	72.2	75.1	
1–2 years	536	36.4	11.9	0.639	*	18.7	21.8	24.5	28.0	35.2	43.5	49.2	54.4	58.0	*	
3–5 years	837	45.0	12.4	0.533	*	25.4	29.4	32.0	36.1	44.7	53.0	57.8	60.5	66.4	*	
6–8 years	435	49.8	12.1	0.720	*	28.6	33.4	37.7	41.9	50.8	58.4	62.5	65.4	68.2	*	
9–11 years	510	49.2	11.7	0.644	*	29.6	34.0	36.8	40.8	49.2	57.0	60.9	65.0	68.5	*	
12–14 years	395	52.7	11.4	0.716	*	33.5	37.8	41.2	44.6	52.9	60.6	64.2	66.5	71.6	*	
15–19 years	614	55.7	11.2	0.563	*	37.2	41.0	43.8	48.3	56.0	63.1	67.2	70.2	74.2	*	
20–29 years	1,022	56.8	10.6	0.412	*	39.5	43.4	46.0	50.0	57.0	64.0	67.6	70.4	74.5	*	
30–39 years	1,025	56.0	10.2	0.396	*	38.9	42.2	45.1	49.0	56.0	63.0	66.9	69.4	72.5	*	
40–49 years	740	54.8	10.3	0.469	*	37.8	41.6	43.8	47.9	55.6	62.2	65.5	67.7	70.6	*	
50–59 years	449	55.7	10.5	0.615	*	37.2	41.6	44.8	48.7	55.8	63.4	66.8	68.9	72.1	*	
60–69 years	534	55.5	10.3	0.553	*	38.9	42.8	45.0	48.1	56.3	63.2	66.5	68.6	70.8	*	
70 years and over	464	59.1	11.1	0.644	*	40.5	44.7	47.0	51.3	59.2	66.6	70.3	72.6	76.9	*	
Mexican American																
1 year and over	7,819	60.0	10.2	0.225	37.3	41.7	46.9	49.9	54.2	60.6	66.8	70.1	72.2	75.2	78.0	
1–2 years	578	42.1	11.3	0.627	*	24.8	27.9	29.9	34.2	41.4	49.3	54.0	56.6	61.9	*	
3–5 years	954	51.7	10.9	0.473	*	35.0	38.0	40.6	43.7	51.0	59.4	63.4	65.5	70.8	*	
6–8 years	500	55.8	10.5	0.626	*	38.9	42.6	44.7	47.7	56.7	63.1	66.6	68.8	72.6	*	
9–11 years	533	56.3	8.7	0.505	*	40.7	45.5	48.1	50.2	56.7	62.2	65.0	67.0	71.6	*	
12–14 years	405	59.5	8.1	0.534	*	46.2	49.9	51.9	54.6	59.1	64.4	67.9	70.0	73.1	*	
15–19 years	592	63.6	8.4	0.459	*	50.2	52.8	54.9	57.6	63.4	69.7	72.6	74.2	76.8	*	
20–29 years	1,266	62.4	8.7	0.328	*	47.6	51.3	53.3	56.7	62.5	68.5	71.6	73.6	76.6	*	
30–39 years	935	62.5	8.3	0.360	*	48.6	52.0	54.2	57.3	62.6	67.8	70.3	72.8	76.1	*	
40–49 years	713	61.8	8.3	0.413	*	48.6	51.4	53.3	56.3	61.9	66.9	70.4	71.8	74.7	*	
50–59 years	352	62.5	8.6	0.613	*	49.4	52.4	54.0	56.6	61.8	68.9	71.5	72.6	75.1	*	
60–69 years	632	62.3	7.8	0.414	*	49.4	52.3	54.7	58.0	62.4	67.2	70.0	71.3	74.2	*	
70 years and over	359	65.3	8.6	0.602	*	50.5	54.1	57.0	59.8	65.6	71.0	74.8	76.1	78.3	*	

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 41. Granulocytes in percentages, measured electronically (Coulter™ 3-part differential) for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile											
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th	
All race/ethnic groups ¹																
1 year and over	12,457	59.7	10.3	0.218	36.3	40.9	46.3	49.8	54.2	60.5	66.5	69.3	71.6	74.9	77.5	
1–2 years	927	39.0	11.7	0.575	19.9	22.4	25.6	27.8	30.4	37.9	46.3	50.4	54.0	60.0	64.6	
3–5 years	1,268	49.0	10.8	0.457	29.1	32.5	36.5	38.3	41.5	48.1	56.3	59.8	63.4	68.4	72.1	
6–8 years	698	53.5	9.8	0.554	33.9	37.3	41.0	43.6	47.3	53.8	60.4	63.3	65.2	67.9	71.6	
9–11 years	770	54.2	9.5	0.513	35.8	38.8	41.7	44.5	48.3	54.4	60.0	63.7	65.9	69.7	72.5	
12–14 years	533	55.5	9.6	0.623	37.0	38.7	42.1	45.1	50.1	55.6	61.2	64.9	66.4	72.7	74.6	
15–19 years	829	60.6	9.1	0.473	42.0	44.1	49.2	51.0	54.8	60.8	66.8	69.6	71.7	75.1	77.6	
20–29 years	1,538	61.8	8.2	0.313	45.1	48.0	52.1	53.7	56.8	62.2	67.1	69.7	72.2	75.0	78.0	
30–39 years	1,378	61.3	8.5	0.341	41.9	47.0	50.8	53.0	56.5	61.3	67.1	69.3	70.6	73.9	77.3	
40–49 years	1,149	61.6	8.5	0.377	42.8	45.2	50.1	54.0	56.9	62.0	67.0	69.6	71.2	75.3	76.9	
50–59 years	820	62.0	8.4	0.438	44.8	48.6	51.3	54.0	56.4	62.3	67.4	70.0	72.6	75.6	77.1	
60–69 years	1,111	62.4	9.1	0.408	43.7	47.3	51.7	54.0	58.0	63.3	67.9	70.5	72.4	75.9	78.3	
70 years and over	1,436	65.0	9.8	0.390	45.8	48.9	53.5	55.6	59.6	65.8	71.8	74.1	76.1	79.6	81.9	
Non-Hispanic white																
1 year and over	4,449	60.8	9.6	0.210	38.5	43.6	48.6	52.0	55.8	61.6	67.1	69.7	72.2	75.3	77.8	
1–2 years	296	38.8	11.2	0.713	*	22.6	25.6	27.7	30.1	37.5	46.3	50.1	53.0	57.8	*	
3–5 years	323	48.9	9.9	0.599	*	34.7	37.2	39.0	41.8	47.8	56.0	59.3	62.5	66.4	*	
6–8 years	187	54.3	8.8	0.705	*	*	43.6	44.8	48.0	54.9	61.3	63.9	64.8	*	*	
9–11 years	200	54.9	8.2	0.632	*	*	43.7	45.9	49.5	55.2	60.1	63.4	65.7	*	*	
12–14 years	138	55.5	9.1	0.842	*	*	42.9	45.6	50.7	55.4	59.6	64.5	65.2	*	*	
15–19 years	195	62.0	8.4	0.654	*	*	51.0	52.8	56.3	63.1	67.8	70.4	72.1	*	*	
20–29 years	371	62.7	7.4	0.418	*	51.2	53.1	55.8	57.6	62.9	67.6	70.1	72.9	74.9	*	
30–39 years	431	62.3	7.7	0.405	*	50.6	53.0	55.3	57.8	61.8	67.6	69.8	72.2	74.7	*	
40–49 years	413	62.7	7.8	0.420	*	47.8	53.1	55.8	58.6	62.5	67.8	69.9	71.7	75.3	*	
50–59 years	407	62.8	7.5	0.406	*	50.3	53.2	55.3	57.9	62.8	67.6	70.1	72.6	75.5	*	
60–69 years	490	63.2	8.6	0.423	*	49.5	52.7	55.4	58.5	64.0	68.1	70.8	72.9	76.0	*	
70 years and over	998	65.5	9.8	0.338	*	50.3	54.1	56.5	60.3	66.3	71.9	74.3	76.5	80.0	*	
Non-Hispanic black																
1 year and over	3,564	53.3	11.7	0.394	28.8	33.0	37.6	41.0	45.8	54.0	61.4	65.5	68.0	71.7	74.2	
1–2 years	273	36.6	12.0	0.827	*	18.0	22.3	25.6	28.9	35.4	43.2	49.2	55.0	58.0	*	
3–5 years	415	45.8	12.6	0.707	*	25.4	29.9	32.6	36.8	46.2	53.3	59.3	61.5	68.2	*	
6–8 years	224	48.7	12.0	0.911	*	27.3	33.2	36.9	41.5	49.6	57.0	60.8	64.1	67.2	*	
9–11 years	265	48.4	11.0	0.768	*	29.9	34.8	37.0	40.8	48.6	54.9	60.0	62.4	67.1	*	
12–14 years	180	51.7	11.8	1.002	*	*	36.6	38.0	43.6	51.1	60.4	65.1	66.4	*	*	
15–19 years	297	54.7	10.3	0.679	*	35.3	41.2	44.3	48.3	55.0	61.5	65.2	67.9	71.5	*	
20–29 years	454	56.4	9.8	0.525	*	39.6	43.5	46.5	50.4	56.8	63.1	66.5	68.9	72.4	*	
30–39 years	445	55.2	10.2	0.549	*	38.3	41.9	44.3	48.2	55.1	62.6	66.7	68.8	72.1	*	
40–49 years	329	54.0	10.8	0.682	*	36.6	40.3	43.0	45.7	54.7	61.6	65.7	67.9	70.9	*	
50–59 years	201	56.6	10.3	0.830	*	*	43.6	46.5	50.0	56.9	64.1	67.4	68.8	*	*	
60–69 years	265	56.0	10.7	0.747	*	39.0	41.4	44.9	49.0	57.4	63.5	67.1	69.4	71.4	*	
70 years and over	216	59.9	10.5	0.818	*	*	46.9	48.4	52.8	59.6	66.6	70.7	72.8	*	*	
Mexican American																
1 year and over	3,903	59.4	10.1	0.313	37.8	41.8	46.8	49.4	53.8	60.0	66.2	69.4	71.5	74.6	77.1	
1–2 years	298	41.4	11.4	0.896	*	*	27.5	29.8	33.3	40.9	48.5	52.5	56.3	*	*	
3–5 years	458	52.2	10.4	0.662	*	37.0	39.3	41.8	44.6	52.5	58.6	63.3	64.9	71.0	*	
6–8 years	248	55.9	10.4	0.901	*	*	42.8	45.1	47.6	56.6	62.9	67.6	69.8	*	*	
9–11 years	271	55.8	8.4	0.694	*	*	46.3	47.3	49.8	55.7	61.1	63.9	66.0	*	*	
12–14 years	189	58.1	7.9	0.784	*	*	48.0	50.0	53.1	57.6	63.1	66.1	68.6	*	*	
15–19 years	299	61.7	8.4	0.660	*	*	51.4	53.5	55.8	61.5	68.0	70.8	72.1	*	*	
20–29 years	643	61.9	8.5	0.458	*	47.5	51.3	53.0	56.4	62.1	67.6	71.0	73.3	75.9	*	
30–39 years	447	61.4	8.3	0.531	*	47.1	51.0	53.1	56.2	62.0	67.0	69.2	70.8	74.0	*	
40–49 years	363	61.0	8.2	0.582	*	48.4	50.2	52.7	55.8	61.3	65.8	69.1	71.2	74.3	*	
50–59 years	171	63.7	9.3	0.972	*	*	53.4	54.6	57.9	64.0	69.9	72.2	75.0	*	*	
60–69 years	323	62.7	7.2	0.547	*	50.1	53.8	55.7	58.7	62.9	67.0	69.1	70.7	74.1	*	
70 years and over	193	66.2	8.0	0.787	*	*	56.1	57.4	59.8	65.8	72.5	75.9	76.5	*	*	

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 42. Granulocytes in percentages, measured electronically (Coulter™ 3-part differential) for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile											
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th	
All race/ethnic groups¹																
1 year and over	13,468	60.4	10.4	0.211	36.5	42.0	47.3	50.5	54.4	61.2	67.4	70.3	72.5	75.5	78.2	
1–2 years	849	38.8	11.7	0.627	18.8	20.9	24.3	27.2	30.4	38.1	45.5	50.3	55.0	60.7	64.9	
3–5 years	1,311	49.3	10.9	0.472	28.1	31.0	35.3	37.3	42.0	49.5	57.0	60.3	62.3	66.7	71.6	
6–8 years	658	53.9	10.3	0.630	34.4	36.3	41.0	43.0	47.3	53.5	60.4	65.2	67.6	70.6	73.6	
9–11 years	722	54.6	10.1	0.589	34.2	39.0	43.3	45.9	48.4	53.8	61.0	65.1	67.5	70.1	74.2	
12–14 years	611	58.5	8.3	0.530	41.4	44.3	48.0	50.0	53.4	59.3	63.3	66.2	68.3	71.6	73.6	
15–19 years	933	62.7	9.9	0.508	41.0	46.6	51.7	54.0	57.7	63.1	69.1	71.6	73.8	77.9	82.3	
20–29 years	1,724	62.3	9.5	0.359	42.9	47.3	50.4	52.5	55.8	63.0	69.0	72.2	74.4	77.3	79.5	
30–39 years	1,710	62.4	8.8	0.333	42.4	47.2	51.8	53.5	57.2	62.6	68.3	70.8	73.2	75.9	78.6	
40–49 years	1,279	62.5	8.5	0.371	44.4	47.9	51.7	54.1	57.4	62.4	69.0	71.3	73.0	75.3	77.2	
50–59 years	951	60.4	8.6	0.436	41.6	45.3	49.8	52.0	55.5	60.8	66.3	68.9	70.8	73.0	75.9	
60–69 years	1,089	61.0	8.8	0.420	43.0	45.9	49.8	52.2	55.2	61.7	66.8	69.7	71.5	74.0	77.6	
70 years and over	1,631	63.7	9.3	0.361	43.5	47.3	51.5	54.6	58.4	64.5	70.1	73.0	75.0	77.1	79.3	
Non-Hispanic white																
1 year and over	4,949	61.6	9.7	0.199	40.3	45.1	49.7	52.2	56.0	62.2	68.2	71.1	73.2	76.0	78.6	
1–2 years	268	38.6	11.7	0.860	*	20.5	25.0	27.8	30.3	38.1	44.4	50.2	55.9	61.5	*	
3–5 years	329	49.9	10.4	0.692	*	32.5	35.5	38.0	43.0	50.2	57.0	60.8	62.4	66.7	*	
6–8 years	172	54.4	10.1	0.928	*	*	41.6	43.0	47.3	53.5	61.1	65.7	69.5	*	*	
9–11 years	184	55.5	9.3	0.822	*	*	45.9	47.0	49.0	54.2	62.0	65.4	67.4	*	*	
12–14 years	151	59.4	7.4	0.724	*	*	49.4	51.4	53.8	60.3	64.0	66.4	68.3	*	*	
15–19 years	266	64.2	8.7	0.639	*	51.6	53.9	56.0	58.3	64.3	69.6	71.8	74.0	79.0	*	
20–29 years	462	63.6	8.8	0.496	*	48.9	51.9	54.3	57.5	63.8	69.6	73.4	74.8	78.2	*	
30–39 years	563	63.3	8.0	0.405	*	50.6	52.7	55.1	58.0	63.3	68.6	71.4	73.3	76.1	*	
40–49 years	453	63.6	7.8	0.440	*	51.0	53.7	55.8	58.5	62.9	69.4	71.8	73.8	75.8	*	
50–59 years	467	61.4	7.8	0.435	*	49.3	51.8	53.8	56.4	61.5	66.5	69.2	71.1	73.3	*	
60–69 years	466	61.9	8.3	0.463	*	47.5	51.3	52.9	56.3	62.6	67.2	69.9	72.1	74.6	*	
70 years and over	1,168	64.3	8.9	0.315	*	48.7	52.6	55.7	59.0	64.8	70.3	73.3	75.1	77.1	*	
Non-Hispanic black																
1 year and over	3,997	54.4	11.9	0.378	28.7	33.3	38.8	42.1	46.8	55.0	62.7	66.6	69.0	73.0	76.1	
1–2 years	263	36.1	11.8	0.907	*	18.7	21.1	23.3	27.9	35.0	43.5	49.3	53.5	57.9	*	
3–5 years	422	44.1	12.1	0.733	*	25.6	28.6	31.1	35.9	43.6	52.6	56.7	59.3	65.5	*	
6–8 years	211	50.8	12.1	1.038	*	*	34.3	38.8	42.9	51.3	60.0	63.1	66.6	*	*	
9–11 years	245	50.0	12.3	0.985	*	29.1	33.1	36.5	41.3	49.5	58.3	62.4	67.0	70.8	*	
12–14 years	215	53.5	11.0	0.940	*	*	41.0	42.6	46.8	53.1	60.9	64.1	66.5	*	*	
15–19 years	317	56.7	12.0	0.843	*	37.9	41.0	43.0	47.8	56.8	64.9	68.8	72.0	77.9	*	
20–29 years	568	57.1	11.2	0.587	*	38.8	42.7	45.8	49.4	57.2	65.0	68.6	71.4	75.1	*	
30–39 years	580	56.6	10.2	0.528	*	38.9	43.0	46.5	49.7	57.5	63.3	67.4	70.1	73.1	*	
40–49 years	411	55.5	9.7	0.598	*	38.8	43.0	45.0	49.8	56.1	62.3	65.3	67.6	70.3	*	
50–59 years	248	54.9	10.5	0.833	*	36.2	41.2	44.0	46.8	54.9	62.8	66.6	68.9	71.8	*	
60–69 years	269	55.2	10.0	0.758	*	38.9	43.3	45.3	47.8	55.9	62.8	66.1	68.0	70.5	*	
70 years and over	248	58.6	11.5	0.911	*	38.3	43.5	46.1	50.7	59.0	66.6	70.0	72.3	75.8	*	
Mexican American																
1 year and over	3,916	60.6	10.4	0.322	37.1	41.5	47.2	50.4	54.7	61.3	67.4	71.0	72.9	76.1	78.8	
1–2 years	280	42.9	11.2	0.874	*	*	28.0	30.1	35.0	43.1	50.7	54.3	57.3	*	*	
3–5 years	496	51.2	11.4	0.671	*	34.0	36.8	38.7	42.7	50.0	60.1	63.8	65.7	70.6	*	
6–8 years	252	55.6	10.6	0.869	*	*	41.9	44.6	47.9	57.3	63.2	65.9	67.6	*	*	
9–11 years	262	57.0	9.1	0.733	*	*	45.4	48.1	50.2	57.3	63.7	65.5	68.6	*	*	
12–14 years	216	60.7	8.0	0.711	*	*	51.6	53.0	56.3	60.3	66.0	68.7	72.2	*	*	
15–19 years	293	65.6	7.9	0.602	*	52.1	55.6	57.2	60.0	65.1	71.9	74.2	75.9	77.6	*	
20–29 years	623	63.0	9.0	0.469	*	48.0	51.5	53.8	57.2	63.1	69.1	72.4	74.1	77.8	*	
30–39 years	488	63.9	8.1	0.477	*	51.0	53.3	55.3	58.9	63.7	68.6	72.3	74.6	77.3	*	
40–49 years	350	62.7	8.3	0.579	*	49.9	52.2	54.1	57.1	62.8	67.7	71.4	73.1	75.7	*	
50–59 years	181	61.4	7.7	0.747	*	*	51.5	53.8	56.3	61.1	67.6	70.0	71.9	*	*	
60–69 years	309	62.0	8.2	0.612	*	49.3	52.2	54.2	57.4	62.3	67.2	70.5	71.8	74.6	*	
70 years and over	166	64.4	8.9	0.908	*	*	52.8	55.6	59.6	65.1	70.5	72.7	75.2	*	*	

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 43. Lymphocytes as 10^9 cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,370	2.43	1.03	0.012	1.20	1.35	1.50	1.65	1.85	2.25	2.80	3.15	3.45	4.00	4.55
1–2 years	1,789	4.66	1.53	0.061	2.15	2.50	2.85	3.15	3.60	4.45	5.50	6.16	6.55	7.51	8.31
3–5 years	2,618	3.37	1.01	0.033	1.75	1.95	2.25	2.40	2.70	3.25	3.95	4.40	4.65	5.05	5.55
6–8 years	1,384	2.92	0.82	0.037	1.50	1.80	2.00	2.10	2.35	2.80	3.40	3.75	4.05	4.40	4.70
9–11 years	1,507	2.69	0.73	0.032	1.45	1.70	1.85	2.00	2.15	2.60	3.15	3.45	3.65	4.00	4.25
12–14 years	1,161	2.56	0.70	0.035	1.45	1.60	1.75	1.90	2.05	2.50	2.95	3.25	3.55	3.85	4.25
15–19 years	1,786	2.28	0.61	0.024	1.25	1.40	1.55	1.70	1.85	2.20	2.60	2.90	3.05	3.35	3.65
20–29 years	3,331	2.28	0.67	0.020	1.25	1.40	1.55	1.65	1.80	2.20	2.65	2.90	3.10	3.45	3.85
30–39 years	3,156	2.29	0.66	0.020	1.30	1.40	1.50	1.65	1.80	2.20	2.65	2.95	3.15	3.50	3.80
40–49 years	2,467	2.26	0.72	0.024	1.15	1.30	1.50	1.60	1.75	2.15	2.60	2.95	3.15	3.50	3.85
50–59 years	1,803	2.29	0.71	0.028	1.15	1.30	1.45	1.65	1.80	2.20	2.65	2.95	3.10	3.55	4.05
60–69 years	2,241	2.29	1.54	0.055	1.05	1.25	1.40	1.50	1.70	2.10	2.60	2.95	3.20	3.55	3.90
70 years and over	3,127	2.14	1.57	0.047	0.95	1.10	1.30	1.40	1.55	1.95	2.40	2.75	3.00	3.35	3.85
Non-Hispanic white															
1 year and over	9,519	2.37	1.05	0.013	1.20	1.30	1.50	1.60	1.80	2.20	2.75	3.10	3.35	3.90	4.45
1–2 years	567	4.71	1.49	0.079	*	2.60	3.00	3.20	3.70	4.50	5.55	6.20	6.60	7.55	*
3–5 years	655	3.38	0.99	0.049	*	2.00	2.25	2.35	2.70	3.30	4.00	4.35	4.55	5.01	*
6–8 years	365	2.92	0.79	0.052	*	1.85	2.00	2.15	2.35	2.80	3.35	3.75	4.05	4.30	*
9–11 years	386	2.69	0.71	0.046	*	1.65	1.85	2.00	2.20	2.60	3.15	3.45	3.70	4.00	*
12–14 years	293	2.57	0.72	0.053	*	* 1.75	1.90	2.05	2.50	2.95	3.30	3.65	*	*	
15–19 years	465	2.26	0.58	0.034	*	1.40	1.55	1.70	1.80	2.20	2.60	2.85	3.05	3.25	*
20–29 years	858	2.23	0.65	0.028	*	1.35	1.50	1.60	1.80	2.15	2.60	2.90	3.05	3.35	*
30–39 years	1,005	2.23	0.63	0.025	*	1.35	1.50	1.60	1.80	2.15	2.60	2.85	3.05	3.35	*
40–49 years	871	2.21	0.70	0.030	*	1.25	1.50	1.60	1.70	2.10	2.60	2.85	3.10	3.45	*
50–59 years	883	2.25	0.66	0.028	*	1.30	1.45	1.65	1.80	2.15	2.65	2.90	3.05	3.40	*
60–69 years	966	2.25	1.59	0.064	*	1.20	1.40	1.50	1.70	2.10	2.55	2.90	3.10	3.50	*
70 years and over	2,205	2.14	1.65	0.044	*	1.10	1.30	1.40	1.55	1.95	2.40	2.70	2.95	3.35	*
Non-Hispanic black															
1 year and over	7,749	2.55	0.94	0.017	1.25	1.40	1.60	1.70	1.90	2.40	3.00	3.35	3.70	4.25	4.80
1–2 years	540	4.40	1.46	0.077	*	2.35	2.70	2.95	3.40	4.25	5.30	5.80	6.15	6.90	*
3–5 years	852	3.32	1.07	0.045	*	1.85	2.10	2.25	2.55	3.20	3.95	4.45	4.80	5.20	*
6–8 years	449	2.86	0.84	0.049	*	1.70	1.90	2.05	2.20	2.70	3.40	3.80	4.05	4.35	*
9–11 years	519	2.70	0.80	0.043	*	1.65	1.85	1.90	2.10	2.60	3.15	3.50	3.80	4.15	*
12–14 years	404	2.47	0.65	0.040	*	1.60	1.75	1.80	2.00	2.35	2.85	3.15	3.45	3.65	*
15–19 years	624	2.30	0.63	0.031	*	1.40	1.55	1.60	1.80	2.25	2.75	2.95	3.15	3.45	*
20–29 years	1,052	2.38	0.73	0.027	*	1.40	1.55	1.70	1.90	2.30	2.80	3.05	3.25	3.65	*
30–39 years	1,063	2.39	0.77	0.029	*	1.35	1.55	1.65	1.80	2.30	2.85	3.10	3.40	3.80	*
40–49 years	761	2.45	0.77	0.034	*	1.40	1.55	1.70	1.90	2.40	2.85	3.15	3.45	3.85	*
50–59 years	463	2.48	0.83	0.047	*	1.40	1.50	1.65	1.90	2.40	2.90	3.30	3.50	3.95	*
60–69 years	550	2.43	1.16	0.061	*	1.35	1.50	1.60	1.85	2.25	2.85	3.15	3.45	3.90	*
70 years and over	472	2.15	0.71	0.040	*	1.10	1.25	1.40	1.65	2.10	2.60	2.90	3.05	3.35	*
Mexican American															
1 year and over	7,946	2.61	0.98	0.022	1.30	1.45	1.65	1.75	1.95	2.45	3.05	3.40	3.70	4.35	5.01
1–2 years	583	4.68	1.60	0.090	*	2.50	2.90	3.20	3.55	4.45	5.45	6.20	6.55	7.26	*
3–5 years	972	3.40	1.01	0.044	*	1.95	2.25	2.45	2.70	3.30	3.90	4.45	4.84	5.20	*
6–8 years	507	3.00	0.92	0.055	*	1.80	2.00	2.15	2.35	2.90	3.50	3.90	4.15	4.55	*
9–11 years	537	2.79	0.76	0.044	*	1.75	1.85	2.00	2.25	2.75	3.20	3.50	3.75	4.15	*
12–14 years	409	2.57	0.69	0.046	*	1.60	1.80	1.90	2.05	2.50	2.95	3.25	3.45	3.85	*
15–19 years	601	2.33	0.62	0.034	*	1.50	1.65	1.75	1.90	2.25	2.70	2.95	3.15	3.45	*
20–29 years	1,279	2.34	0.67	0.025	*	1.40	1.55	1.70	1.85	2.25	2.75	3.00	3.20	3.55	*
30–39 years	954	2.40	0.70	0.031	*	1.45	1.60	1.70	1.90	2.30	2.80	3.15	3.40	3.70	*
40–49 years	725	2.40	0.69	0.035	*	1.40	1.60	1.70	1.90	2.35	2.80	3.05	3.30	3.60	*
50–59 years	361	2.37	0.81	0.058	*	1.35	1.40	1.50	1.80	2.25	2.80	3.10	3.30	3.95	*
60–69 years	647	2.35	1.00	0.053	*	1.40	1.60	1.70	1.85	2.25	2.70	3.00	3.10	3.55	*
70 years and over	371	2.16	1.40	0.099	*	1.10	1.20	1.35	1.60	2.00	2.50	2.85	3.05	3.60	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 44. Lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,623	2.42	1.11	0.019	1.20	1.35	1.50	1.65	1.80	2.25	2.80	3.15	3.45	3.95	4.60
1–2 years	931	4.64	1.53	0.082	2.10	2.40	2.90	3.20	3.55	4.45	5.50	6.15	6.51	7.30	7.80
3–5 years	1,281	3.32	1.02	0.046	1.50	1.90	2.15	2.35	2.65	3.20	3.90	4.30	4.60	5.05	5.55
6–8 years	709	2.88	0.82	0.051	1.50	1.70	1.95	2.10	2.30	2.75	3.30	3.70	3.90	4.40	4.80
9–11 years	773	2.67	0.75	0.044	1.40	1.65	1.80	1.95	2.10	2.60	3.15	3.45	3.70	4.00	4.35
12–14 years	540	2.57	0.73	0.052	1.45	1.60	1.80	1.90	2.00	2.50	2.95	3.30	3.55	3.90	4.45
15–19 years	836	2.27	0.61	0.035	1.25	1.35	1.55	1.70	1.80	2.20	2.60	2.85	3.05	3.40	3.65
20–29 years	1,562	2.20	0.64	0.027	1.25	1.40	1.50	1.60	1.75	2.10	2.60	2.85	2.95	3.20	3.60
30–39 years	1,400	2.28	0.65	0.028	1.25	1.35	1.50	1.65	1.85	2.20	2.65	2.90	3.15	3.50	3.80
40–49 years	1,164	2.28	0.72	0.035	1.20	1.35	1.50	1.60	1.75	2.15	2.70	3.00	3.20	3.60	3.95
50–59 years	834	2.26	0.68	0.038	1.15	1.30	1.45	1.60	1.80	2.20	2.70	2.95	3.05	3.35	3.80
60–69 years	1,130	2.31	2.07	0.101	1.00	1.20	1.45	1.55	1.70	2.10	2.55	2.90	3.10	3.45	3.75
70 years and over	1,463	2.12	1.78	0.076	0.90	1.05	1.20	1.30	1.50	1.90	2.40	2.70	2.90	3.35	3.65
Non-Hispanic white															
1 year and over	4,490	2.38	1.15	0.021	1.20	1.30	1.50	1.60	1.80	2.20	2.75	3.10	3.35	3.85	4.50
1–2 years	297	4.68	1.49	0.103	*	2.50	3.05	3.30	3.65	4.50	5.55	6.15	6.55	7.30	*
3–5 years	323	3.33	1.02	0.068	*	2.00	2.20	2.35	2.70	3.25	3.90	4.25	4.50	4.95	*
6–8 years	190	2.86	0.77	0.067	*	*	1.95	2.10	2.35	2.75	3.30	3.55	3.80	*	*
9–11 years	200	2.69	0.74	0.062	*	*	1.75	1.95	2.20	2.65	3.15	3.45	3.75	*	*
12–14 years	139	2.58	0.74	0.074	*	*	1.80	1.90	2.05	2.50	2.95	3.30	3.50	*	*
15–19 years	195	2.29	0.63	0.054	*	*	1.55	1.70	1.80	2.20	2.65	2.95	3.10	*	*
20–29 years	381	2.15	0.62	0.038	*	1.35	1.50	1.55	1.70	2.05	2.50	2.80	2.90	3.20	*
30–39 years	434	2.23	0.63	0.036	*	1.35	1.50	1.65	1.80	2.20	2.55	2.80	3.05	3.35	*
40–49 years	414	2.24	0.72	0.042	*	1.30	1.50	1.60	1.75	2.10	2.60	3.00	3.20	3.50	*
50–59 years	410	2.23	0.64	0.037	*	1.30	1.45	1.65	1.80	2.15	2.65	2.90	3.00	3.25	*
60–69 years	493	2.29	2.18	0.117	*	1.15	1.40	1.50	1.70	2.00	2.55	2.80	3.10	3.40	*
70 years and over	1,014	2.14	1.89	0.070	*	1.05	1.20	1.30	1.50	1.90	2.35	2.65	2.90	3.35	*
Non-Hispanic black															
1 year and over	3,633	2.50	0.91	0.025	1.25	1.40	1.55	1.65	1.85	2.30	2.95	3.35	3.65	4.20	4.76
1–2 years	275	4.37	1.47	0.106	*	2.25	2.55	2.90	3.40	4.10	5.30	5.95	6.16	6.90	*
3–5 years	419	3.21	1.03	0.060	*	1.75	2.05	2.20	2.45	3.05	3.75	4.35	4.75	5.10	*
6–8 years	229	2.86	0.87	0.069	*	1.70	1.90	2.10	2.20	2.60	3.45	3.85	4.15	4.50	*
9–11 years	267	2.67	0.82	0.060	*	1.60	1.75	1.85	2.05	2.55	3.15	3.50	3.80	4.10	*
12–14 years	184	2.44	0.71	0.062	*	*	1.75	1.80	1.95	2.30	2.80	3.15	3.35	*	*
15–19 years	298	2.17	0.62	0.043	*	1.30	1.50	1.55	1.70	2.05	2.55	2.85	3.05	3.35	*
20–29 years	463	2.29	0.67	0.037	*	1.40	1.55	1.65	1.80	2.20	2.65	3.00	3.10	3.45	*
30–39 years	461	2.32	0.71	0.039	*	1.35	1.50	1.60	1.75	2.20	2.80	3.05	3.35	3.70	*
40–49 years	336	2.44	0.78	0.051	*	1.40	1.55	1.70	1.85	2.35	2.90	3.20	3.40	3.75	*
50–59 years	207	2.40	0.77	0.064	*	*	1.45	1.65	1.85	2.35	2.90	3.25	3.50	*	*
60–69 years	274	2.30	0.80	0.057	*	1.30	1.45	1.55	1.80	2.15	2.80	3.00	3.20	3.65	*
70 years and over	220	2.03	0.66	0.053	*	*	1.15	1.40	1.60	2.00	2.45	2.80	2.95	*	*
Mexican American															
1 year and over	3,952	2.57	0.96	0.030	1.30	1.45	1.60	1.75	1.95	2.40	3.00	3.35	3.65	4.30	4.95
1–2 years	298	4.80	1.77	0.133	*	*	2.95	3.20	3.60	4.45	5.55	6.26	6.70	*	*
3–5 years	466	3.31	0.94	0.056	*	1.85	2.20	2.40	2.65	3.25	3.85	4.25	4.50	5.05	*
6–8 years	250	2.92	0.84	0.068	*	*	1.90	2.00	2.25	2.85	3.40	3.75	4.15	*	*
9–11 years	272	2.75	0.71	0.056	*	*	1.80	2.00	2.28	2.75	3.20	3.40	3.65	*	*
12–14 years	191	2.67	0.77	0.072	*	*	1.80	1.95	2.15	2.60	3.10	3.40	3.55	*	*
15–19 years	304	2.30	0.56	0.042	*	1.50	1.70	1.80	1.90	2.25	2.60	2.75	3.05	3.30	*
20–29 years	647	2.27	0.65	0.033	*	1.40	1.55	1.65	1.80	2.20	2.70	2.95	3.15	3.45	*
30–39 years	450	2.39	0.70	0.043	*	1.40	1.60	1.70	1.90	2.25	2.80	3.10	3.30	3.75	*
40–49 years	369	2.39	0.70	0.047	*	1.40	1.55	1.75	1.90	2.35	2.80	3.00	3.25	3.45	*
50–59 years	176	2.26	0.76	0.074	*	*	1.40	1.50	1.70	2.10	2.70	3.00	3.20	*	*
60–69 years	330	2.29	0.66	0.047	*	1.35	1.55	1.70	1.85	2.20	2.60	2.90	3.10	3.45	*
70 years and over	199	2.00	0.73	0.067	*	*	1.20	1.30	1.55	1.95	2.30	2.70	2.85	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 45. Lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,747	2.43	0.95	0.015	1.20	1.35	1.50	1.65	1.85	2.30	2.80	3.15	3.45	4.05	4.55
1–2 years	858	4.69	1.53	0.080	2.30	2.55	2.85	3.10	3.60	4.50	5.50	6.30	6.75	7.70	8.40
3–5 years	1,337	3.42	0.99	0.041	1.85	2.05	2.25	2.40	2.70	3.30	4.09	4.45	4.70	5.15	5.60
6–8 years	675	2.96	0.80	0.047	1.70	1.85	2.05	2.15	2.40	2.85	3.40	3.90	4.10	4.35	4.60
9–11 years	734	2.71	0.70	0.039	1.60	1.75	1.90	2.05	2.20	2.60	3.15	3.45	3.60	4.00	4.16
12–14 years	621	2.55	0.66	0.040	1.45	1.60	1.75	1.90	2.10	2.50	2.95	3.25	3.55	3.70	3.95
15–19 years	950	2.28	0.61	0.030	1.25	1.45	1.60	1.70	1.85	2.25	2.60	2.90	3.05	3.25	3.60
20–29 years	1,769	2.35	0.69	0.025	1.20	1.35	1.60	1.70	1.90	2.25	2.75	3.00	3.20	3.65	3.90
30–39 years	1,756	2.29	0.67	0.024	1.30	1.40	1.50	1.60	1.80	2.20	2.70	3.00	3.15	3.50	3.85
40–49 years	1,303	2.23	0.71	0.030	1.10	1.25	1.50	1.60	1.75	2.15	2.60	2.80	3.05	3.45	3.75
50–59 years	969	2.31	0.73	0.036	1.15	1.35	1.50	1.65	1.80	2.20	2.65	3.00	3.20	3.70	4.20
60–69 years	1,111	2.27	0.86	0.039	1.10	1.25	1.40	1.50	1.75	2.15	2.65	3.00	3.25	3.65	4.05
70 years and over	1,664	2.15	1.42	0.053	1.00	1.15	1.30	1.40	1.60	2.00	2.45	2.75	3.00	3.35	3.90
Non-Hispanic white															
1 year and over	5,029	2.37	0.94	0.016	1.20	1.30	1.50	1.60	1.80	2.20	2.75	3.10	3.35	3.90	4.45
1–2 years	270	4.74	1.49	0.101	*	2.65	2.85	3.10	3.80	4.51	5.51	6.30	6.75	7.70	*
3–5 years	332	3.44	0.95	0.058	*	2.05	2.30	2.40	2.70	3.35	4.15	4.45	4.65	5.05	*
6–8 years	175	3.00	0.79	0.067	*	*	2.05	2.15	2.40	2.95	3.50	4.05	4.15	*	*
9–11 years	186	2.69	0.69	0.056	*	*	1.90	2.05	2.20	2.60	3.10	3.45	3.65	*	*
12–14 years	154	2.57	0.70	0.063	*	*	1.75	1.90	2.10	2.50	3.00	3.30	3.70	*	*
15–19 years	270	2.22	0.53	0.036	*	1.40	1.55	1.70	1.80	2.20	2.55	2.85	3.00	3.15	*
20–29 years	477	2.31	0.67	0.034	*	1.30	1.55	1.70	1.85	2.20	2.70	3.00	3.20	3.65	*
30–39 years	571	2.23	0.63	0.030	*	1.40	1.50	1.60	1.75	2.15	2.60	2.95	3.05	3.35	*
40–49 years	457	2.18	0.69	0.036	*	1.20	1.45	1.55	1.70	2.10	2.55	2.75	3.00	3.30	*
50–59 years	473	2.26	0.68	0.035	*	1.40	1.50	1.65	1.80	2.20	2.60	2.90	3.10	3.60	*
60–69 years	473	2.22	0.76	0.039	*	1.25	1.40	1.50	1.70	2.15	2.60	2.90	3.15	3.55	*
70 years and over	1,191	2.14	1.47	0.047	*	1.15	1.30	1.40	1.60	1.95	2.40	2.75	3.00	3.30	*
Non-Hispanic black															
1 year and over	4,116	2.60	0.96	0.024	1.30	1.45	1.65	1.75	2.00	2.45	3.00	3.40	3.75	4.26	4.80
1–2 years	265	4.43	1.44	0.103	*	2.45	2.75	2.95	3.45	4.40	5.30	5.70	6.00	6.85	*
3–5 years	433	3.44	1.11	0.062	*	1.90	2.20	2.35	2.60	3.35	4.05	4.55	4.80	5.25	*
6–8 years	220	2.85	0.81	0.064	*	*	1.85	2.00	2.20	2.75	3.30	3.75	3.90	*	*
9–11 years	252	2.73	0.77	0.057	*	1.70	1.90	2.00	2.15	2.70	3.20	3.45	3.70	4.16	*
12–14 years	220	2.49	0.61	0.048	*	*	1.80	1.90	2.05	2.35	2.85	3.10	3.45	*	*
15–19 years	326	2.43	0.61	0.040	*	1.50	1.65	1.75	1.95	2.35	2.85	3.05	3.25	3.50	*
20–29 years	589	2.45	0.76	0.037	*	1.40	1.60	1.75	1.95	2.35	2.80	3.15	3.30	3.85	*
30–39 years	602	2.45	0.82	0.039	*	1.40	1.60	1.70	1.90	2.30	2.85	3.20	3.50	4.00	*
40–49 years	425	2.46	0.76	0.043	*	1.40	1.60	1.70	1.90	2.45	2.80	3.10	3.45	3.85	*
50–59 years	256	2.54	0.87	0.063	*	1.40	1.55	1.70	1.95	2.45	2.95	3.30	3.60	4.30	*
60–69 years	276	2.52	1.36	0.095	*	1.40	1.50	1.70	1.85	2.35	2.85	3.25	3.55	4.01	*
70 years and over	252	2.22	0.73	0.054	*	1.10	1.25	1.45	1.70	2.20	2.70	2.95	3.15	3.50	*
Mexican American															
1 year and over	3,994	2.65	1.00	0.031	1.35	1.50	1.70	1.80	2.00	2.50	3.10	3.50	3.75	4.40	5.10
1–2 years	285	4.56	1.39	0.113	*	*	2.90	3.15	3.50	4.40	5.40	6.05	6.30	*	*
3–5 years	506	3.49	1.06	0.065	*	2.10	2.30	2.45	2.70	3.40	4.05	4.70	5.05	5.51	*
6–8 years	257	3.08	0.98	0.084	*	*	2.15	2.20	2.40	2.95	3.55	4.00	4.15	*	*
9–11 years	265	2.84	0.80	0.067	*	*	1.90	2.05	2.20	2.75	3.30	3.60	4.00	*	*
12–14 years	218	2.49	0.59	0.055	*	*	1.80	1.90	2.05	2.45	2.80	3.00	3.25	*	*
15–19 years	297	2.36	0.68	0.054	*	1.50	1.65	1.70	1.90	2.20	2.75	3.05	3.15	3.55	*
20–29 years	632	2.42	0.68	0.037	*	1.45	1.62	1.74	1.95	2.35	2.80	3.10	3.35	3.65	*
30–39 years	504	2.42	0.70	0.043	*	1.45	1.65	1.75	1.90	2.30	2.80	3.20	3.45	3.70	*
40–49 years	356	2.42	0.68	0.049	*	1.45	1.60	1.70	1.90	2.40	2.85	3.10	3.30	3.60	*
50–59 years	185	2.47	0.83	0.084	*	*	1.50	1.60	1.95	2.35	2.95	3.15	3.45	*	*
60–69 years	317	2.40	1.20	0.093	*	1.45	1.60	1.70	1.90	2.25	2.74	3.00	3.10	3.60	*
70 years and over	172	2.32	1.82	0.190	*	*	1.25	1.40	1.60	2.05	2.65	3.05	3.35	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 46. Lymphocytes in percentages, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,370	33.9	9.6	0.160	17.4	19.9	22.5	24.6	27.4	33.0	39.3	43.1	46.3	51.3	56.1
1–2 years	1,789	54.0	11.2	0.453	29.1	32.3	38.5	42.0	47.6	55.2	62.0	65.3	67.6	70.9	72.8
3–5 years	2,618	44.3	10.2	0.339	23.3	26.6	31.3	33.8	37.5	44.5	51.3	54.7	57.3	60.8	63.3
6–8 years	1,384	39.8	9.1	0.418	23.0	24.9	27.9	30.2	33.8	39.5	46.1	49.6	51.8	55.6	57.2
9–11 years	1,507	39.1	9.1	0.400	21.7	24.4	27.6	29.9	33.1	39.3	44.9	48.0	50.3	54.0	56.9
12–14 years	1,161	36.9	8.3	0.418	21.1	23.1	27.4	29.3	31.8	36.5	41.8	45.4	47.6	51.6	53.5
15–19 years	1,786	32.5	8.8	0.356	16.1	18.5	21.6	23.8	26.8	32.3	37.4	41.3	42.8	47.3	50.3
20–29 years	3,331	32.1	8.3	0.245	16.2	19.1	21.5	23.6	26.9	31.6	37.4	40.5	42.5	46.2	48.9
30–39 years	3,156	32.4	7.8	0.238	17.5	20.3	22.7	24.6	27.1	32.0	37.3	40.1	42.1	46.0	50.0
40–49 years	2,467	32.2	7.9	0.272	18.4	20.3	22.4	24.2	26.8	32.0	36.7	39.8	42.4	46.8	49.6
50–59 years	1,803	32.7	7.9	0.316	18.6	20.6	23.1	24.8	27.5	32.3	37.3	40.8	42.7	46.1	49.9
60–69 years	2,241	32.1	8.6	0.311	15.9	19.6	22.5	24.2	26.6	31.3	37.0	40.3	43.1	46.7	49.9
70 years and over	3,127	29.5	8.9	0.271	14.4	16.9	19.1	20.8	23.6	28.8	34.4	38.2	40.8	44.5	48.6
Non-Hispanic white															
1 year and over	9,519	32.8	9.1	0.172	16.9	19.4	22.1	24.0	26.8	32.1	37.9	41.4	43.9	48.4	53.2
1–2 years	567	54.3	11.1	0.603	*	32.9	39.2	42.9	47.7	55.7	62.2	65.3	67.6	70.9	*
3–5 years	655	44.1	9.7	0.491	*	27.1	31.6	33.8	37.9	44.4	50.6	54.0	56.3	58.9	*
6–8 years	365	39.2	8.7	0.587	*	24.7	27.5	30.0	33.3	39.1	45.5	48.2	50.1	54.3	*
9–11 years	386	38.2	8.4	0.553	*	25.2	27.7	29.8	32.4	39.0	44.2	46.3	48.2	51.5	*
12–14 years	293	36.5	7.8	0.594	*	*	28.0	29.6	31.9	36.0	41.6	44.1	46.8	*	*
15–19 years	465	31.1	8.0	0.479	*	18.3	21.3	23.0	25.8	31.3	36.0	39.6	41.4	43.1	*
20–29 years	858	31.0	7.7	0.340	*	18.9	21.3	22.9	26.1	31.0	36.1	38.9	41.0	43.5	*
30–39 years	1,005	31.4	7.2	0.294	*	19.8	22.3	24.3	26.6	31.4	36.1	38.7	40.7	42.8	*
40–49 years	871	31.3	7.3	0.322	*	20.0	22.2	23.8	26.0	31.3	35.7	38.5	40.5	43.7	*
50–59 years	883	31.9	7.1	0.310	*	20.1	22.9	24.7	27.1	31.9	36.5	39.3	41.1	43.5	*
60–69 years	966	31.3	8.2	0.340	*	19.1	21.8	23.8	26.3	30.8	36.0	39.3	41.7	45.0	*
70 years and over	2,205	28.9	8.7	0.239	*	16.6	18.8	20.6	23.0	28.4	33.8	37.3	39.6	42.8	*
Non-Hispanic black															
1 year and over	7,749	39.6	10.8	0.250	19.8	22.7	26.3	28.5	32.1	39.0	46.6	50.8	53.7	58.6	62.4
1–2 years	540	55.8	11.3	0.622	*	32.7	40.3	43.8	49.3	57.0	64.2	67.1	69.6	72.3	*
3–5 years	852	47.7	11.4	0.499	*	26.6	32.3	35.8	40.4	48.1	56.0	60.2	62.3	65.0	*
6–8 years	449	43.1	10.5	0.628	*	26.8	29.3	32.8	35.7	42.7	50.7	54.0	56.5	60.0	*
9–11 years	519	43.7	10.3	0.577	*	26.4	30.0	33.0	36.9	44.2	51.2	54.3	56.9	59.6	*
12–14 years	404	40.8	10.4	0.656	*	23.8	28.4	30.5	33.8	40.6	47.8	51.6	53.9	57.7	*
15–19 years	624	38.0	10.2	0.519	*	20.6	25.0	27.5	31.3	37.9	44.6	48.6	51.3	55.4	*
20–29 years	1,052	37.1	9.6	0.376	*	21.0	24.5	27.1	30.5	37.4	43.2	47.0	49.5	53.0	*
30–39 years	1,063	37.4	9.0	0.352	*	22.1	25.8	27.6	31.4	37.4	43.5	47.0	49.7	52.4	*
40–49 years	761	38.7	9.5	0.437	*	24.5	26.8	28.8	32.1	37.9	45.5	49.0	51.3	55.5	*
50–59 years	463	38.1	9.9	0.584	*	21.6	25.1	28.1	31.3	37.8	45.1	48.4	50.8	54.9	*
60–69 years	550	38.0	9.7	0.528	*	23.1	26.0	27.9	31.1	37.8	44.6	48.0	50.4	54.3	*
70 years and over	472	34.9	10.2	0.598	*	18.5	23.0	24.8	28.1	33.9	41.6	47.0	49.2	52.3	*
Mexican American															
1 year and over	7,946	34.2	9.5	0.217	17.5	20.1	23.1	24.9	27.9	33.6	39.6	43.4	46.5	51.3	55.7
1–2 years	583	51.2	10.9	0.625	*	32.3	36.4	39.1	43.5	52.3	58.6	62.8	65.1	67.7	*
3–5 years	972	42.1	10.2	0.451	*	25.3	29.1	31.5	35.0	42.8	49.6	53.3	54.8	57.7	*
6–8 years	507	38.2	9.4	0.573	*	23.4	26.9	29.0	31.9	37.4	45.4	47.9	50.3	52.3	*
9–11 years	537	37.7	7.9	0.468	*	24.4	27.9	29.9	32.5	38.1	42.6	45.9	47.7	50.3	*
12–14 years	409	34.5	7.4	0.502	*	22.6	24.9	26.8	29.7	34.7	38.9	41.7	43.2	46.9	*
15–19 years	601	30.9	7.6	0.429	*	18.5	21.0	22.5	25.5	30.9	36.1	39.0	40.6	43.6	*
20–29 years	1,279	31.8	8.0	0.307	*	18.8	21.8	23.6	26.4	31.6	37.0	40.3	42.0	45.2	*
30–39 years	954	32.0	7.7	0.342	*	19.5	22.5	24.8	27.3	32.0	37.0	39.6	41.5	44.7	*
40–49 years	725	32.5	7.8	0.397	*	19.9	23.2	24.6	27.6	32.1	37.5	40.6	42.3	44.8	*
50–59 years	361	32.0	7.9	0.573	*	20.1	22.8	23.8	26.3	32.8	37.2	40.1	41.6	44.7	*
60–69 years	647	31.9	7.2	0.389	*	21.6	23.5	24.5	27.4	31.9	36.1	38.4	40.5	43.4	*
70 years and over	371	28.9	7.9	0.562	*	16.1	19.3	20.5	23.4	28.8	34.1	36.5	38.5	41.3	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 47. Lymphocytes in percentages, measured electronically (Coulter™ 3-part differential) for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,623	33.9	9.6	0.231	17.5	19.7	22.7	24.9	27.5	32.8	39.2	43.0	46.5	51.3	56.1
1–2 years	931	53.6	11.2	0.581	29.0	31.9	39.1	41.9	47.2	54.7	61.3	65.4	66.9	69.9	72.1
3–5 years	1,281	44.3	10.2	0.448	22.8	26.3	30.9	33.8	37.8	44.6	51.0	54.1	56.5	60.4	63.1
6–8 years	709	39.5	9.0	0.533	23.3	24.9	27.9	30.0	33.2	39.4	45.6	49.0	51.3	55.6	56.8
9–11 years	773	39.2	8.6	0.489	22.9	25.8	28.3	30.1	33.1	39.3	44.9	48.0	51.1	53.0	56.5
12–14 years	540	37.8	8.7	0.588	21.1	23.1	28.1	29.9	32.3	37.7	42.3	46.8	49.3	52.3	55.8
15–19 years	836	33.0	8.3	0.451	17.4	19.4	22.8	25.0	27.3	32.8	38.5	41.4	43.1	47.2	49.2
20–29 years	1,562	31.9	7.8	0.310	17.3	19.1	22.0	24.1	27.1	31.4	36.7	39.7	41.7	44.4	48.5
30–39 years	1,400	32.5	7.7	0.327	17.9	19.9	23.3	25.1	27.3	32.3	37.3	39.8	42.0	46.4	50.3
40–49 years	1,164	32.2	7.8	0.362	18.5	20.6	22.6	24.6	27.1	31.8	36.4	39.6	42.5	46.7	49.5
50–59 years	834	31.6	7.7	0.418	18.6	19.1	21.8	24.2	26.7	31.3	35.9	40.0	41.5	44.8	48.2
60–69 years	1,130	31.0	8.8	0.412	15.4	18.4	21.8	23.3	25.9	30.1	35.2	38.6	41.0	45.4	49.2
70 years and over	1,463	28.5	9.2	0.378	12.8	15.1	17.9	19.6	22.4	27.8	33.8	37.4	39.5	42.3	46.8
Non-Hispanic white															
1 year and over	4,490	32.8	9.1	0.251	17.4	19.3	22.2	24.3	26.9	31.9	37.8	41.1	43.9	48.7	53.5
1–2 years	297	54.0	10.9	0.737	*	36.5	39.5	43.2	47.2	55.2	61.0	65.5	67.3	70.0	*
3–5 years	323	44.3	9.4	0.613	*	26.6	32.2	34.0	39.1	44.7	50.8	53.6	55.6	58.0	*
6–8 years	190	38.6	8.1	0.689	*	*	28.1	30.0	32.8	38.9	44.4	46.5	49.1	*	*
9–11 years	200	38.5	7.8	0.647	*	*	29.0	30.1	32.5	38.3	43.7	46.9	48.2	*	*
12–14 years	139	37.7	8.3	0.817	*	*	28.2	30.1	32.7	37.8	42.2	46.8	48.6	*	*
15–19 years	195	31.8	7.6	0.633	*	*	22.4	24.9	26.7	31.8	36.5	40.1	41.5	*	*
20–29 years	381	31.0	7.0	0.420	*	19.0	21.5	23.1	26.7	30.9	35.5	38.1	40.2	42.4	*
30–39 years	434	31.6	7.1	0.398	*	19.8	22.7	24.6	26.8	31.6	36.1	38.6	40.0	42.1	*
40–49 years	414	31.2	7.2	0.413	*	20.6	22.2	24.0	26.2	31.1	35.1	38.1	40.2	45.3	*
50–59 years	410	30.9	6.9	0.399	*	19.1	21.4	24.2	26.5	31.0	35.2	38.4	40.3	42.0	*
60–69 years	493	30.3	8.4	0.440	*	17.7	21.0	22.8	25.4	29.8	34.4	37.6	39.8	44.0	*
70 years and over	1,014	27.9	9.0	0.331	*	14.9	17.5	19.0	22.0	27.1	32.7	36.5	38.5	41.4	*
Non-Hispanic black															
1 year and over	3,633	39.7	10.7	0.363	19.9	23.0	26.3	28.5	32.4	39.1	46.6	50.9	53.7	58.3	62.3
1–2 years	275	55.2	11.5	0.822	*	32.2	39.7	42.8	49.3	56.8	62.8	66.5	68.6	72.1	*
3–5 years	419	46.8	11.7	0.676	*	26.5	30.5	34.4	39.3	47.0	55.1	59.5	61.8	64.6	*
6–8 years	229	43.8	10.6	0.828	*	27.5	29.3	33.0	36.1	43.7	51.6	54.6	56.6	60.0	*
9–11 years	267	44.0	9.4	0.686	*	28.0	30.7	34.0	38.6	44.4	50.4	52.8	54.8	58.4	*
12–14 years	184	41.3	10.5	0.922	*	*	28.3	30.5	34.2	40.7	48.7	52.8	54.9	*	*
15–19 years	298	38.3	9.4	0.648	*	22.4	26.8	28.6	32.8	38.0	43.9	47.2	51.3	54.4	*
20–29 years	463	37.0	9.1	0.503	*	21.4	25.3	27.4	31.1	37.4	42.0	46.8	49.3	52.4	*
30–39 years	461	37.8	9.1	0.501	*	22.1	26.1	28.1	32.0	38.0	43.8	47.9	50.3	52.4	*
40–49 years	336	39.0	9.8	0.634	*	23.9	26.4	28.4	32.5	38.3	46.2	49.7	51.3	55.7	*
50–59 years	207	36.4	9.6	0.791	*	*	24.3	25.6	29.5	36.3	42.5	47.0	48.8	*	*
60–69 years	274	36.9	10.0	0.719	*	22.6	24.3	26.2	29.8	36.3	43.5	47.2	49.9	54.8	*
70 years and over	220	34.0	9.9	0.792	*	*	22.3	24.1	27.3	33.8	41.2	45.3	47.1	*	*
Mexican American															
1 year and over	3,952	34.4	9.4	0.304	17.7	20.5	23.4	25.3	28.1	33.8	39.9	43.8	46.5	51.1	55.1
1–2 years	298	51.7	11.0	0.906	*	*	35.8	39.5	45.1	52.7	58.9	62.3	65.0	*	*
3–5 years	466	41.4	9.8	0.650	*	*	29.0	31.6	35.0	41.4	48.3	51.6	53.5	56.8	*
6–8 years	250	37.9	9.4	0.847	*	*	24.4	27.1	31.1	39.0	45.3	47.2	49.0	*	*
9–11 years	272	38.0	7.6	0.662	*	*	28.9	30.6	33.8	38.6	43.2	46.1	47.7	*	*
12–14 years	191	35.3	7.4	0.761	*	*	25.7	27.8	31.0	35.1	39.9	42.5	44.0	*	*
15–19 years	304	32.4	7.7	0.630	*	20.1	23.0	24.2	26.8	32.6	37.6	40.5	41.9	44.1	*
20–29 years	647	31.8	7.7	0.434	*	19.3	22.1	23.8	26.7	31.5	37.1	39.9	41.5	45.0	*
30–39 years	450	32.9	7.7	0.520	*	21.1	24.1	25.6	28.5	32.4	38.0	40.4	43.1	46.3	*
40–49 years	369	33.0	7.8	0.580	*	20.8	23.5	25.2	27.8	32.2	38.5	41.1	42.8	44.8	*
50–59 years	176	30.8	8.4	0.909	*	*	21.0	22.8	24.8	31.0	36.5	38.9	41.6	*	*
60–69 years	330	31.1	6.6	0.518	*	20.7	23.5	24.4	27.3	31.0	35.0	37.3	38.5	41.8	*
70 years and over	199	27.7	7.3	0.739	*	*	17.6	19.3	21.1	28.6	33.8	35.4	36.8	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 48. Lymphocytes in percentages, measured electronically (Coulter™ 3-part differential) for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,747	33.9	9.6	0.222	17.2	20.0	22.5	24.4	27.4	33.1	39.4	43.1	46.2	51.2	56.1
1–2 years	858	54.4	11.2	0.611	30.1	33.0	38.1	42.1	48.4	55.7	62.6	65.3	68.2	71.3	74.3
3–5 years	1,337	44.4	10.2	0.446	23.3	27.8	31.6	33.8	37.3	44.3	51.5	55.5	57.5	61.0	64.2
6–8 years	675	40.0	9.2	0.569	20.9	24.5	27.9	30.3	34.3	39.5	46.8	50.0	52.4	55.2	57.5
9–11 years	734	39.0	9.6	0.565	20.8	23.4	26.8	29.0	32.8	39.3	44.9	48.0	49.6	54.0	58.6
12–14 years	621	35.9	7.9	0.505	21.0	22.8	25.9	28.6	31.3	35.1	41.5	44.0	45.6	48.3	52.7
15–19 years	950	31.9	9.3	0.482	13.6	18.3	20.5	22.6	26.0	31.8	36.6	40.7	42.7	47.3	51.9
20–29 years	1,769	32.3	8.8	0.334	16.0	19.0	21.4	23.3	26.4	32.0	38.0	41.4	43.6	46.5	49.7
30–39 years	1,756	32.2	7.9	0.302	16.9	20.4	22.3	24.3	26.9	31.9	37.2	40.3	42.3	45.5	49.7
40–49 years	1,303	32.2	8.0	0.356	17.9	20.0	22.3	24.0	26.2	32.3	37.4	40.1	42.4	47.1	49.7
50–59 years	969	33.8	7.9	0.407	19.3	22.1	23.7	25.8	28.6	33.2	38.5	41.7	43.7	47.8	51.5
60–69 years	1,111	33.1	8.4	0.402	17.3	20.8	23.3	24.9	27.5	32.3	38.2	42.0	44.1	47.2	50.3
70 years and over	1,664	30.2	8.6	0.339	15.8	17.9	19.9	21.6	24.4	29.7	34.8	38.7	41.5	44.9	49.7
Non-Hispanic white															
1 year and over	5,029	32.8	9.1	0.236	16.5	19.4	22.0	23.8	26.7	32.3	38.0	41.5	43.8	48.3	52.7
1–2 years	270	54.6	11.3	0.852	*	31.8	37.5	42.4	48.5	56.1	62.7	64.9	67.9	71.3	*
3–5 years	332	43.9	9.9	0.677	*	27.5	31.1	33.2	37.3	43.8	50.5	54.6	57.3	60.3	*
6–8 years	175	39.8	9.2	0.861	*	*	27.1	29.6	34.3	39.5	46.9	50.0	52.5	*	*
9–11 years	186	38.0	8.9	0.806	*	*	26.5	29.0	32.2	39.0	44.6	45.9	48.3	*	*
12–14 years	154	35.0	7.0	0.702	*	*	26.0	28.6	31.3	34.5	40.2	43.2	44.8	*	*
15–19 years	270	30.5	8.3	0.626	*	17.5	19.9	22.0	25.3	31.0	35.5	39.1	40.9	42.7	*
20–29 years	477	31.1	8.3	0.469	*	17.4	20.8	22.4	25.5	31.3	36.7	40.0	41.6	44.6	*
30–39 years	571	31.2	7.3	0.378	*	19.7	22.1	23.9	26.4	31.2	36.2	38.8	41.1	42.8	*
40–49 years	457	31.3	7.4	0.432	*	19.4	22.0	23.6	25.4	31.5	36.4	38.7	40.8	43.3	*
50–59 years	473	32.8	7.2	0.409	*	22.2	23.7	25.6	28.1	32.7	37.4	40.4	42.1	44.3	*
60–69 years	473	32.1	7.8	0.448	*	20.1	22.8	24.5	26.9	31.6	37.1	40.3	42.8	45.0	*
70 years and over	1,191	29.7	8.3	0.300	*	17.8	19.9	21.3	23.9	29.0	34.2	38.0	40.5	44.1	*
Non-Hispanic black															
1 year and over	4,116	39.5	10.9	0.345	19.6	22.6	26.2	28.5	31.8	39.0	46.6	50.8	53.7	58.8	62.7
1–2 years	265	56.4	11.2	0.861	*	33.6	41.5	44.4	49.3	57.8	64.6	68.0	70.1	73.3	*
3–5 years	433	48.6	11.1	0.671	*	29.9	34.3	36.8	41.1	49.3	56.8	60.8	62.8	65.7	*
6–8 years	220	42.3	10.3	0.872	*	*	28.2	31.7	34.9	41.9	49.5	52.7	56.0	*	*
9–11 years	252	43.5	11.1	0.880	*	26.0	28.8	31.5	36.4	43.1	52.4	55.7	58.0	61.0	*
12–14 years	220	40.4	10.2	0.862	*	*	28.5	30.6	33.5	40.5	47.0	50.7	52.7	*	*
15–19 years	326	37.6	10.9	0.757	*	19.5	23.2	26.1	30.3	37.7	45.5	49.0	51.2	55.5	*
20–29 years	589	37.1	10.0	0.514	*	20.5	24.4	26.7	30.0	37.5	43.9	47.3	49.5	53.1	*
30–39 years	602	37.0	9.0	0.457	*	21.8	25.7	27.5	31.0	36.5	42.8	46.6	48.8	52.4	*
40–49 years	425	38.6	9.2	0.561	*	24.6	27.1	29.1	31.8	37.6	44.3	48.5	51.5	54.3	*
50–59 years	256	39.6	9.9	0.772	*	21.6	26.6	29.9	32.3	39.7	46.5	50.4	52.8	55.7	*
60–69 years	276	38.8	9.4	0.711	*	24.0	26.6	29.1	32.1	38.7	45.1	48.5	50.8	54.1	*
70 years and over	252	35.6	10.4	0.817	*	19.1	24.1	25.3	28.6	34.0	43.1	47.9	50.1	53.3	*
Mexican American															
1 year and over	3,994	34.0	9.6	0.309	17.2	19.7	22.8	24.6	27.6	33.4	39.2	43.1	46.5	51.7	56.0
1–2 years	285	50.7	10.9	0.823	*	*	36.7	38.5	41.6	50.8	57.8	62.9	65.1	*	*
3–5 years	506	42.8	10.5	0.595	*	25.6	29.2	31.1	35.0	43.5	50.2	54.5	55.7	58.2	*
6–8 years	257	38.6	9.3	0.741	*	*	28.7	30.0	32.3	36.6	45.5	49.2	51.8	*	*
9–11 years	265	37.3	8.1	0.633	*	*	27.7	28.8	31.7	38.1	42.5	45.6	47.7	*	*
12–14 years	218	33.9	7.3	0.630	*	*	24.1	25.9	29.0	34.4	38.3	40.6	42.3	*	*
15–19 years	297	29.3	7.2	0.532	*	17.6	19.6	21.0	23.5	30.0	34.1	36.7	38.0	40.8	*
20–29 years	632	31.9	8.3	0.418	*	18.3	21.0	23.3	26.0	31.9	37.0	40.5	42.8	46.0	*
30–39 years	504	31.0	7.4	0.422	*	17.7	21.2	23.3	26.4	31.3	35.8	39.0	40.5	43.0	*
40–49 years	356	32.1	7.7	0.518	*	19.9	22.9	24.1	27.2	32.0	36.4	39.8	41.5	44.6	*
50–59 years	185	33.1	7.2	0.669	*	*	23.3	25.3	27.3	33.5	38.1	40.8	41.6	*	*
60–69 years	317	32.6	7.5	0.538	*	22.4	23.5	24.5	27.7	32.5	37.1	40.1	41.3	43.8	*
70 years and over	172	30.0	8.2	0.797	*	*	20.3	22.9	24.6	28.9	34.8	38.1	39.6	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 49. Mononuclear cells as 10^9 cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	25,924	0.43	0.23	0.006	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	0.95
1–2 years	1,775	0.60	0.31	0.016	0.20	0.20	0.30	0.30	0.40	0.55	0.75	0.85	0.95	1.15	1.40
3–5 years	2,579	0.49	0.27	0.012	0.10	0.15	0.20	0.25	0.30	0.45	0.60	0.70	0.80	1.00	1.10
6–8 years	1,356	0.47	0.28	0.016	0.10	0.15	0.20	0.25	0.30	0.40	0.60	0.70	0.80	0.95	1.15
9–11 years	1,492	0.45	0.24	0.013	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.65	0.70	0.85	1.05
12–14 years	1,144	0.43	0.22	0.014	0.10	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.70	0.80	1.00
15–19 years	1,762	0.42	0.21	0.011	0.10	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.75	0.90
20–29 years	3,262	0.42	0.23	0.009	0.10	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	0.90
30–39 years	3,088	0.41	0.22	0.009	0.10	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.75	0.95
40–49 years	2,428	0.41	0.18	0.008	0.10	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	0.80
50–59 years	1,771	0.43	0.21	0.011	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	0.90
60–69 years	2,200	0.44	0.23	0.010	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	0.95
70 years and over	3,067	0.44	0.26	0.010	0.10	0.15	0.20	0.20	0.30	0.40	0.55	0.65	0.70	0.85	1.00
Non-Hispanic white															
1 year and over	9,398	0.43	0.22	0.007	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	0.95
1–2 years	564	0.60	0.29	0.020	*	0.25	0.30	0.30	0.40	0.55	0.70	0.85	0.95	1.15	*
3–5 years	652	0.50	0.26	0.016	*	0.20	0.25	0.25	0.30	0.45	0.60	0.70	0.80	1.00	*
6–8 years	359	0.47	0.26	0.022	*	0.15	0.20	0.25	0.30	0.45	0.55	0.70	0.80	0.95	*
9–11 years	384	0.47	0.23	0.018	*	0.20	0.25	0.25	0.30	0.40	0.60	0.70	0.75	0.85	*
12–14 years	289	0.43	0.20	0.018	*	*	0.20	0.25	0.30	0.40	0.55	0.60	0.70	*	*
15–19 years	461	0.43	0.21	0.015	*	0.15	0.20	0.20	0.30	0.40	0.55	0.60	0.65	0.75	*
20–29 years	833	0.43	0.22	0.012	*	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	*
30–39 years	994	0.41	0.20	0.010	*	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.71	*
40–49 years	866	0.40	0.18	0.010	*	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	*
50–59 years	874	0.43	0.21	0.011	*	0.20	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.75	*
60–69 years	956	0.45	0.23	0.012	*	0.15	0.20	0.25	0.30	0.40	0.55	0.65	0.70	0.80	*
70 years and over	2,166	0.45	0.27	0.009	*	0.15	0.20	0.25	0.30	0.40	0.55	0.65	0.70	0.85	*
Non-Hispanic black															
1 year and over	7,561	0.42	0.28	0.006	0.10	0.10	0.19	0.20	0.25	0.35	0.50	0.60	0.70	0.85	1.09
1–2 years	536	0.61	0.37	0.020	*	0.20	0.25	0.30	0.35	0.55	0.75	0.90	1.00	1.25	*
3–5 years	837	0.50	0.32	0.014	*	0.15	0.20	0.20	0.30	0.45	0.65	0.75	0.85	1.05	*
6–8 years	435	0.47	0.35	0.021	*	0.10	0.15	0.20	0.25	0.40	0.60	0.70	0.85	1.20	*
9–11 years	510	0.43	0.28	0.016	*	0.10	0.15	0.20	0.25	0.40	0.50	0.60	0.75	0.95	*
12–14 years	395	0.40	0.29	0.019	*	0.10	0.15	0.20	0.25	0.35	0.45	0.55	0.60	0.75	*
15–19 years	614	0.39	0.22	0.011	*	0.10	0.20	0.20	0.25	0.35	0.50	0.55	0.60	0.80	*
20–29 years	1,022	0.39	0.29	0.012	*	0.15	0.15	0.20	0.25	0.35	0.50	0.55	0.63	0.75	*
30–39 years	1,025	0.42	0.28	0.011	*	0.10	0.20	0.20	0.25	0.40	0.50	0.60	0.70	0.88	*
40–49 years	740	0.40	0.23	0.011	*	0.15	0.20	0.20	0.25	0.35	0.50	0.60	0.65	0.80	*
50–59 years	449	0.41	0.24	0.014	*	0.10	0.15	0.20	0.25	0.35	0.50	0.60	0.70	0.85	*
60–69 years	534	0.39	0.19	0.011	*	0.14	0.20	0.20	0.25	0.35	0.50	0.60	0.64	0.70	*
70 years and over	464	0.36	0.23	0.014	*	0.10	0.10	0.15	0.20	0.35	0.45	0.55	0.60	0.75	*
Mexican American															
1 year and over	7,818	0.44	0.22	0.008	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	0.95
1–2 years	577	0.61	0.32	0.021	*	0.20	0.30	0.33	0.40	0.55	0.75	0.85	0.95	1.20	*
3–5 years	954	0.51	0.25	0.013	*	0.20	0.20	0.25	0.35	0.45	0.65	0.75	0.80	0.95	*
6–8 years	500	0.47	0.24	0.017	*	0.15	0.20	0.25	0.30	0.45	0.60	0.70	0.75	0.90	*
9–11 years	533	0.44	0.21	0.015	*	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.65	0.80	*
12–14 years	405	0.45	0.21	0.016	*	0.20	0.25	0.25	0.30	0.40	0.55	0.65	0.70	0.80	*
15–19 years	592	0.42	0.21	0.014	*	0.15	0.20	0.20	0.30	0.40	0.55	0.60	0.65	0.75	*
20–29 years	1,266	0.42	0.20	0.009	*	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.80	*
30–39 years	935	0.41	0.20	0.010	*	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.80	*
40–49 years	713	0.42	0.19	0.011	*	0.20	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.70	*
50–59 years	352	0.42	0.20	0.017	*	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	*
60–69 years	632	0.43	0.20	0.013	*	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	*
70 years and over	359	0.42	0.21	0.017	*	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 50. Mononuclear cells as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,456	0.46	0.23	0.009	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.65	0.70	0.85	1.00
1–2 years	926	0.63	0.33	0.021	0.20	0.25	0.30	0.35	0.45	0.60	0.75	0.90	1.00	1.21	1.45
3–5 years	1,268	0.50	0.28	0.015	0.10	0.15	0.20	0.25	0.30	0.45	0.65	0.75	0.80	1.00	1.15
6–8 years	698	0.50	0.28	0.020	0.10	0.15	0.20	0.25	0.30	0.45	0.60	0.70	0.80	1.00	1.25
9–11 years	770	0.45	0.23	0.016	0.15	0.20	0.20	0.25	0.30	0.40	0.55	0.65	0.70	0.85	1.05
12–14 years	533	0.45	0.23	0.019	0.15	0.20	0.20	0.20	0.30	0.40	0.55	0.65	0.75	0.90	1.05
15–19 years	829	0.44	0.22	0.015	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	0.95
20–29 years	1,538	0.44	0.19	0.009	0.10	0.20	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	0.90
30–39 years	1,378	0.44	0.21	0.011	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.65	0.75	0.85
40–49 years	1,149	0.44	0.19	0.011	0.15	0.20	0.25	0.25	0.30	0.40	0.55	0.60	0.70	0.75	0.90
50–59 years	820	0.47	0.22	0.014	0.15	0.20	0.20	0.25	0.30	0.45	0.60	0.70	0.75	0.85	0.95
60–69 years	1,111	0.48	0.25	0.015	0.15	0.15	0.20	0.25	0.30	0.45	0.60	0.65	0.75	0.85	1.00
70 years and over	1,436	0.47	0.26	0.013	0.10	0.15	0.20	0.25	0.30	0.45	0.60	0.70	0.75	0.90	1.00
Non-Hispanic white															
1 year and over	4,449	0.46	0.22	0.010	0.15	0.20	0.20	0.25	0.30	0.45	0.55	0.65	0.70	0.80	0.95
1–2 years	296	0.62	0.30	0.025	*	0.25	0.30	0.35	0.45	0.60	0.75	0.85	1.00	1.20	*
3–5 years	323	0.51	0.26	0.021	*	0.20	0.25	0.25	0.30	0.45	0.60	0.75	0.80	1.00	*
6–8 years	187	0.51	0.27	0.028	*	*	0.20	0.30	0.35	0.45	0.60	0.70	0.80	*	*
9–11 years	200	0.46	0.20	0.020	*	*	0.25	0.30	0.30	0.40	0.55	0.70	0.70	*	*
12–14 years	138	0.46	0.21	0.026	*	*	0.20	0.25	0.30	0.40	0.55	0.65	0.75	*	*
15–19 years	195	0.45	0.23	0.023	*	*	0.20	0.25	0.30	0.45	0.55	0.60	0.70	*	*
20–29 years	371	0.45	0.19	0.014	*	0.20	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.80	*
30–39 years	431	0.43	0.19	0.013	*	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.65	0.70	*
40–49 years	413	0.44	0.18	0.012	*	0.20	0.25	0.25	0.30	0.40	0.55	0.60	0.65	0.75	*
50–59 years	407	0.46	0.21	0.015	*	0.20	0.25	0.25	0.30	0.45	0.60	0.65	0.75	0.80	*
60–69 years	490	0.48	0.26	0.017	*	0.15	0.20	0.25	0.30	0.45	0.60	0.65	0.75	0.90	*
70 years and over	998	0.49	0.27	0.012	*	0.15	0.20	0.25	0.30	0.45	0.60	0.70	0.75	0.90	*
Non-Hispanic black															
1 year and over	3,564	0.44	0.27	0.008	0.10	0.15	0.20	0.20	0.30	0.40	0.55	0.65	0.72	0.90	1.10
1–2 years	273	0.65	0.44	0.030	*	0.20	0.25	0.30	0.35	0.55	0.85	0.95	1.10	1.35	*
3–5 years	415	0.50	0.32	0.018	*	0.15	0.20	0.20	0.30	0.45	0.65	0.80	0.90	1.10	*
6–8 years	224	0.48	0.36	0.027	*	0.10	0.20	0.20	0.25	0.40	0.60	0.75	0.85	1.25	*
9–11 years	265	0.46	0.31	0.021	*	0.10	0.20	0.20	0.30	0.40	0.55	0.70	0.80	1.05	*
12–14 years	180	0.42	0.34	0.028	*	*	0.15	0.20	0.25	0.35	0.50	0.60	0.70	*	*
15–19 years	297	0.40	0.21	0.013	*	0.15	0.20	0.20	0.25	0.40	0.50	0.60	0.60	0.80	*
20–29 years	454	0.40	0.20	0.010	*	0.15	0.20	0.20	0.25	0.35	0.50	0.60	0.65	0.75	*
30–39 years	445	0.42	0.24	0.013	*	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.70	0.80	*
40–49 years	329	0.43	0.24	0.014	*	0.15	0.20	0.25	0.30	0.40	0.55	0.60	0.70	0.90	*
50–59 years	201	0.46	0.24	0.019	*	*	0.20	0.25	0.30	0.40	0.60	0.70	0.75	*	*
60–69 years	265	0.43	0.20	0.014	*	0.20	0.20	0.25	0.30	0.40	0.55	0.60	0.65	0.75	*
70 years and over	216	0.36	0.21	0.016	*	*	0.15	0.20	0.20	0.30	0.50	0.55	0.60	*	*
Mexican American															
1 year and over	3,902	0.46	0.22	0.011	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.65	0.70	0.85	0.95
1–2 years	297	0.65	0.36	0.029	*	*	0.30	0.35	0.40	0.60	0.80	0.90	1.10	*	*
3–5 years	458	0.52	0.26	0.017	*	0.20	0.20	0.25	0.35	0.50	0.70	0.75	0.88	1.00	*
6–8 years	248	0.48	0.25	0.022	*	*	0.20	0.25	0.30	0.45	0.60	0.70	0.85	*	*
9–11 years	271	0.45	0.22	0.018	*	*	0.20	0.25	0.30	0.41	0.55	0.60	0.70	*	*
12–14 years	189	0.49	0.21	0.021	*	*	0.25	0.30	0.35	0.45	0.60	0.70	0.75	*	*
15–19 years	299	0.43	0.19	0.015	*	*	0.20	0.25	0.30	0.40	0.55	0.60	0.65	*	*
20–29 years	643	0.45	0.20	0.011	*	0.20	0.25	0.25	0.30	0.40	0.55	0.65	0.70	0.80	*
30–39 years	447	0.42	0.19	0.012	*	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.80	*
40–49 years	363	0.43	0.17	0.012	*	0.20	0.25	0.25	0.30	0.40	0.55	0.60	0.65	0.70	*
50–59 years	171	0.43	0.21	0.022	*	*	0.20	0.25	0.30	0.40	0.50	0.60	0.70	*	*
60–69 years	323	0.46	0.21	0.016	*	0.20	0.20	0.25	0.35	0.45	0.55	0.65	0.70	0.85	*
70 years and over	193	0.43	0.19	0.019	*	*	0.20	0.25	0.30	0.40	0.50	0.60	0.60	*	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 51. Mononuclear cells as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,468	0.41	0.23	0.008	0.10	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.80	0.95
1–2 years	849	0.57	0.28	0.017	0.15	0.20	0.25	0.30	0.40	0.50	0.70	0.80	0.90	1.05	1.30
3–5 years	1,311	0.48	0.26	0.013	0.10	0.15	0.20	0.25	0.30	0.45	0.60	0.70	0.80	0.95	1.10
6–8 years	658	0.45	0.27	0.019	0.10	0.15	0.20	0.25	0.30	0.40	0.55	0.65	0.80	0.90	1.15
9–11 years	722	0.46	0.24	0.016	0.10	0.15	0.20	0.25	0.30	0.40	0.60	0.65	0.75	0.85	1.05
12–14 years	611	0.39	0.19	0.014	0.10	0.10	0.20	0.20	0.30	0.40	0.45	0.60	0.65	0.75	0.80
15–19 years	933	0.40	0.19	0.011	0.10	0.15	0.20	0.20	0.30	0.40	0.50	0.55	0.65	0.75	0.85
20–29 years	1,724	0.40	0.26	0.011	0.10	0.15	0.20	0.20	0.25	0.35	0.50	0.55	0.60	0.75	0.90
30–39 years	1,710	0.39	0.23	0.010	0.10	0.10	0.15	0.20	0.25	0.35	0.50	0.55	0.60	0.75	1.00
40–49 years	1,279	0.37	0.18	0.009	0.10	0.12	0.20	0.20	0.25	0.35	0.45	0.55	0.60	0.70	0.75
50–59 years	951	0.40	0.21	0.012	0.10	0.15	0.20	0.25	0.30	0.35	0.50	0.55	0.60	0.75	0.90
60–69 years	1,089	0.41	0.19	0.010	0.10	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.80	0.90
70 years and over	1,631	0.43	0.26	0.012	0.10	0.15	0.20	0.20	0.25	0.40	0.50	0.60	0.70	0.85	1.00
Non-Hispanic white															
1 year and over	4,949	0.41	0.22	0.010	0.10	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.80	0.95
1–2 years	268	0.57	0.28	0.023	*	0.20	0.25	0.30	0.40	0.50	0.70	0.80	0.90	1.05	*
3–5 years	329	0.49	0.25	0.018	*	0.15	0.25	0.25	0.30	0.45	0.60	0.70	0.80	0.95	*
6–8 years	172	0.44	0.24	0.025	*	*	0.20	0.25	0.30	0.40	0.50	0.65	0.75	*	*
9–11 years	184	0.48	0.25	0.024	*	*	0.25	0.25	0.30	0.45	0.60	0.70	0.75	*	*
12–14 years	151	0.40	0.17	0.019	*	*	0.20	0.25	0.30	0.40	0.45	0.55	0.65	*	*
15–19 years	266	0.40	0.18	0.015	*	0.15	0.20	0.20	0.30	0.40	0.50	0.55	0.60	0.70	*
20–29 years	462	0.41	0.25	0.015	*	0.15	0.20	0.20	0.25	0.35	0.50	0.55	0.65	0.75	*
30–39 years	563	0.39	0.21	0.012	*	0.10	0.20	0.20	0.25	0.35	0.50	0.55	0.60	0.75	*
40–49 years	453	0.37	0.17	0.010	*	0.10	0.15	0.20	0.25	0.35	0.45	0.55	0.60	0.70	*
50–59 years	467	0.40	0.21	0.013	*	0.15	0.20	0.22	0.30	0.35	0.50	0.55	0.60	0.70	*
60–69 years	466	0.42	0.19	0.012	*	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.80	*
70 years and over	1,168	0.43	0.26	0.010	*	0.15	0.20	0.20	0.30	0.40	0.55	0.60	0.70	0.85	*
Non-Hispanic black															
1 year and over	3,997	0.40	0.28	0.008	0.10	0.10	0.15	0.20	0.25	0.35	0.50	0.60	0.70	0.85	1.00
1–2 years	263	0.57	0.28	0.021	*	0.20	0.25	0.30	0.35	0.50	0.70	0.85	0.95	1.10	*
3–5 years	422	0.49	0.33	0.020	*	0.15	0.20	0.20	0.30	0.40	0.65	0.75	0.80	1.05	*
6–8 years	211	0.46	0.34	0.029	*	*	0.15	0.20	0.25	0.40	0.60	0.70	0.80	*	*
9–11 years	245	0.41	0.26	0.020	*	0.10	0.15	0.20	0.25	0.35	0.50	0.60	0.65	0.80	*
12–14 years	215	0.37	0.24	0.020	*	*	0.15	0.20	0.25	0.35	0.45	0.50	0.55	*	*
15–19 years	317	0.37	0.23	0.016	*	0.10	0.15	0.20	0.25	0.30	0.45	0.55	0.60	0.80	*
20–29 years	568	0.38	0.35	0.018	*	0.10	0.15	0.20	0.25	0.35	0.45	0.55	0.60	0.75	*
30–39 years	580	0.42	0.31	0.016	*	0.10	0.15	0.20	0.25	0.35	0.50	0.60	0.75	0.90	*
40–49 years	411	0.38	0.22	0.014	*	0.10	0.15	0.20	0.25	0.35	0.45	0.50	0.60	0.73	*
50–59 years	248	0.37	0.22	0.017	*	0.10	0.10	0.20	0.25	0.35	0.45	0.50	0.60	0.80	*
60–69 years	269	0.36	0.18	0.014	*	0.10	0.15	0.20	0.20	0.30	0.45	0.55	0.60	0.65	*
70 years and over	248	0.36	0.24	0.019	*	0.10	0.10	0.15	0.20	0.35	0.45	0.55	0.60	0.75	*
Mexican American															
1 year and over	3,916	0.42	0.22	0.011	0.10	0.15	0.20	0.25	0.30	0.40	0.50	0.60	0.65	0.75	0.90
1–2 years	280	0.56	0.27	0.022	*	*	0.25	0.30	0.35	0.50	0.70	0.80	0.90	*	*
3–5 years	496	0.49	0.24	0.015	*	0.15	0.20	0.30	0.35	0.45	0.65	0.75	0.80	0.85	*
6–8 years	252	0.45	0.22	0.020	*	*	0.20	0.25	0.30	0.45	0.55	0.65	0.75	*	*
9–11 years	262	0.42	0.21	0.018	*	*	0.20	0.25	0.30	0.40	0.50	0.60	0.65	*	*
12–14 years	216	0.41	0.20	0.019	*	*	0.20	0.25	0.30	0.40	0.50	0.60	0.65	*	*
15–19 years	293	0.41	0.23	0.019	*	0.15	0.20	0.20	0.30	0.40	0.50	0.60	0.65	0.80	*
20–29 years	623	0.39	0.20	0.011	*	0.15	0.20	0.20	0.25	0.35	0.45	0.55	0.60	0.65	*
30–39 years	488	0.41	0.20	0.013	*	0.15	0.20	0.20	0.25	0.40	0.50	0.60	0.65	0.75	*
40–49 years	350	0.40	0.20	0.015	*	0.15	0.20	0.25	0.30	0.35	0.50	0.55	0.60	0.70	*
50–59 years	181	0.41	0.19	0.020	*	*	0.20	0.20	0.30	0.40	0.50	0.60	0.65	*	*
60–69 years	309	0.40	0.20	0.016	*	0.15	0.20	0.20	0.30	0.35	0.50	0.55	0.60	0.70	*
70 years and over	166	0.41	0.22	0.024	*	*	0.20	0.20	0.25	0.35	0.50	0.60	0.65	*	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 52. Mononuclear cells in percentages, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	25,924	6.0	2.6	0.074	1.8	2.3	3.0	3.5	4.3	5.9	7.4	8.3	9.0	10.3	11.6
1–2 years	1,775	7.0	3.1	0.165	2.3	2.8	3.6	4.2	5.1	6.7	8.6	9.7	10.7	11.9	14.1
3–5 years	2,579	6.5	3.2	0.143	1.6	2.1	2.7	3.3	4.4	6.2	8.1	9.2	9.9	11.9	13.7
6–8 years	1,356	6.5	3.4	0.209	1.5	1.9	2.5	3.1	4.4	6.2	7.8	9.2	10.4	11.6	15.3
9–11 years	1,492	6.5	2.9	0.169	1.8	2.3	3.0	3.6	4.7	6.4	8.1	9.2	9.9	11.4	12.6
12–14 years	1,144	6.1	2.8	0.186	1.7	2.1	2.8	3.4	4.3	5.9	7.6	8.6	9.4	10.6	11.9
15–19 years	1,762	5.9	2.6	0.137	1.8	2.1	2.8	3.3	4.2	5.7	7.3	8.2	8.7	9.6	11.4
20–29 years	3,262	5.8	2.4	0.096	1.8	2.3	3.0	3.4	4.3	5.7	7.1	7.9	8.7	9.6	11.0
30–39 years	3,088	5.8	2.6	0.103	1.5	2.0	2.9	3.4	4.1	5.6	7.1	8.0	8.7	9.8	11.1
40–49 years	2,428	5.8	2.2	0.102	1.9	2.3	3.0	3.5	4.3	5.7	7.0	7.9	8.4	9.6	10.4
50–59 years	1,771	6.1	2.5	0.133	2.0	2.5	3.3	3.8	4.6	6.0	7.4	8.2	8.9	10.3	11.3
60–69 years	2,200	6.3	2.6	0.122	2.0	2.6	3.3	3.8	4.7	6.1	7.6	8.4	9.0	10.1	11.6
70 years and over	3,067	6.2	2.7	0.111	1.8	2.4	3.0	3.5	4.4	6.0	7.6	8.6	9.3	10.4	12.2
Non-Hispanic white															
1 year and over	9,398	6.0	2.5	0.081	1.8	2.3	3.0	3.5	4.3	5.9	7.3	8.3	8.9	10.0	11.3
1–2 years	564	7.0	3.0	0.215	*	2.8	3.7	4.3	5.2	6.6	8.4	9.6	10.6	11.6	*
3–5 years	652	6.5	3.0	0.197	*	2.2	2.8	3.5	4.7	6.3	8.2	9.1	9.9	11.6	*
6–8 years	359	6.4	3.2	0.290	*	1.8	2.5	3.0	4.3	6.2	7.7	9.3	10.3	11.3	*
9–11 years	384	6.6	2.5	0.219	*	2.8	3.4	4.0	4.8	6.4	8.2	9.2	10.0	11.3	*
12–14 years	289	6.2	2.6	0.264	*	*	2.8	3.4	4.4	6.1	7.7	8.8	9.4	*	*
15–19 years	461	5.7	2.4	0.190	*	2.1	2.8	3.2	4.1	5.6	7.2	8.2	8.7	9.1	*
20–29 years	833	5.8	2.3	0.137	*	2.2	2.9	3.4	4.3	5.8	7.2	7.8	8.6	9.3	*
30–39 years	994	5.7	2.3	0.125	*	2.1	3.0	3.4	4.1	5.6	7.1	7.8	8.4	9.5	*
40–49 years	866	5.7	2.1	0.123	*	2.2	2.9	3.5	4.3	5.7	6.9	7.9	8.4	9.4	*
50–59 years	874	6.1	2.4	0.141	*	2.6	3.3	3.7	4.5	5.9	7.3	8.1	8.8	10.0	*
60–69 years	956	6.3	2.5	0.139	*	2.7	3.3	3.9	4.8	6.1	7.5	8.4	9.0	9.9	*
70 years and over	2,166	6.2	2.7	0.098	*	2.5	3.1	3.5	4.4	6.0	7.6	8.6	9.3	10.4	*
Non-Hispanic black															
1 year and over	7,561	6.4	3.5	0.084	1.5	2.0	2.8	3.3	4.3	6.0	7.9	9.1	10.2	12.6	15.3
1–2 years	536	7.7	3.7	0.212	*	2.9	3.5	4.2	5.2	7.3	9.4	11.0	12.6	14.8	*
3–5 years	837	7.2	4.1	0.189	*	2.2	2.8	3.3	4.4	6.5	9.1	10.4	12.2	15.1	*
6–8 years	435	7.0	4.6	0.292	*	1.8	2.5	3.1	4.1	6.0	8.3	10.3	12.7	16.5	*
9–11 years	510	7.0	4.2	0.245	*	2.0	2.8	3.4	4.4	6.3	8.5	10.2	11.4	14.6	*
12–14 years	395	6.4	3.8	0.249	*	1.8	2.6	3.3	4.3	5.9	7.8	9.3	10.1	11.6	*
15–19 years	614	6.3	3.4	0.182	*	2.1	2.6	3.2	4.2	5.8	7.8	9.1	10.4	12.3	*
20–29 years	1,022	6.0	3.2	0.130	*	2.0	2.7	3.2	4.0	5.7	7.6	8.5	9.0	10.6	*
30–39 years	1,025	6.5	3.6	0.150	*	2.0	2.7	3.4	4.3	6.0	8.0	9.1	10.3	12.8	*
40–49 years	740	6.3	3.1	0.152	*	2.4	3.1	3.6	4.3	5.9	7.5	8.7	9.8	12.1	*
50–59 years	449	6.2	2.9	0.183	*	1.8	2.8	3.5	4.3	6.0	7.8	9.0	9.6	11.0	*
60–69 years	534	6.3	3.0	0.169	*	2.1	2.8	3.4	4.4	6.1	7.6	8.8	9.8	12.3	*
70 years and over	464	5.9	3.4	0.208	*	1.6	2.2	2.8	3.7	5.4	7.6	8.7	9.6	10.8	*
Mexican American															
1 year and over	7,818	5.7	2.5	0.106	1.6	2.2	2.9	3.4	4.2	5.6	7.0	7.9	8.6	9.7	10.8
1–2 years	577	6.6	2.8	0.203	*	2.6	3.2	3.9	4.8	6.4	8.0	9.1	9.9	11.4	*
3–5 years	954	6.2	2.7	0.151	*	2.3	3.0	3.4	4.3	6.0	7.8	8.7	9.4	10.6	*
6–8 years	500	5.9	2.8	0.222	*	1.9	2.5	3.2	4.0	5.8	7.4	8.7	9.6	10.5	*
9–11 years	533	6.0	2.6	0.201	*	2.3	2.8	3.2	4.3	5.8	7.3	8.2	9.0	10.0	*
12–14 years	405	5.9	2.5	0.217	*	2.4	2.8	3.3	4.4	5.8	7.4	8.1	8.9	9.5	*
15–19 years	592	5.5	2.4	0.173	*	2.1	2.7	3.1	3.8	5.4	6.9	7.8	8.4	9.3	*
20–29 years	1,266	5.7	2.5	0.124	*	2.2	3.0	3.4	4.2	5.5	6.8	7.8	8.5	9.3	*
30–39 years	935	5.4	2.2	0.124	*	2.0	2.8	3.3	4.0	5.3	6.7	7.4	7.8	8.8	*
40–49 years	713	5.6	2.0	0.131	*	2.5	3.0	3.6	4.3	5.6	6.8	7.6	8.0	8.8	*
50–59 years	352	5.6	2.5	0.238	*	1.8	3.0	3.4	4.1	5.6	6.8	7.5	8.1	9.9	*
60–69 years	632	5.8	2.3	0.164	*	2.2	3.1	3.6	4.3	5.6	6.9	7.8	8.3	9.7	*
70 years and over	359	5.7	2.4	0.222	*	2.3	2.8	3.2	4.3	5.7	7.0	8.1	8.6	9.5	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 53. Mononuclear cells in percentages, measured electronically (Coulter™ 3-part differential) for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988-94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,456	6.4	2.6	0.106	1.9	2.6	3.3	3.9	4.8	6.3	7.8	8.7	9.4	10.5	11.8
1-2 years	926	7.3	3.1	0.192	2.7	3.3	3.9	4.5	5.3	7.0	8.8	9.9	10.8	12.6	14.6
3-5 years	1,268	6.7	3.4	0.180	1.6	2.1	2.6	3.3	4.6	6.4	8.3	9.5	10.3	12.7	14.6
6-8 years	698	6.8	3.4	0.249	1.7	2.3	2.6	3.5	4.9	6.5	8.3	9.7	10.4	12.9	16.8
9-11 years	770	6.6	2.9	0.201	1.9	2.5	3.2	4.0	4.9	6.5	8.0	9.1	9.8	11.4	12.7
12-14 years	533	6.7	3.0	0.245	2.0	2.5	2.8	3.5	4.8	6.4	8.3	9.3	10.0	11.3	13.4
15-19 years	829	6.3	2.7	0.178	1.8	2.4	3.0	3.7	4.6	6.2	7.8	8.7	9.1	10.6	12.6
20-29 years	1,538	6.3	2.3	0.113	2.1	2.7	3.3	4.0	4.8	6.3	7.6	8.6	9.0	10.1	11.0
30-39 years	1,378	6.1	2.4	0.124	1.6	2.2	3.3	3.8	4.6	6.1	7.5	8.4	8.8	10.0	10.9
40-49 years	1,149	6.2	2.3	0.127	2.0	2.6	3.6	4.0	4.8	6.1	7.5	8.3	8.9	10.1	10.9
50-59 years	820	6.4	2.4	0.160	2.3	2.8	3.5	4.1	4.9	6.3	7.8	8.4	9.3	10.4	10.9
60-69 years	1,111	6.6	2.6	0.147	2.1	2.8	3.6	4.3	5.0	6.4	7.8	8.8	9.4	10.7	11.8
70 years and over	1,436	6.4	2.8	0.139	1.7	2.5	3.1	3.6	4.5	6.3	8.0	8.9	9.6	10.7	11.9
Non-Hispanic white															
1 year and over	4,449	6.4	2.4	0.116	2.0	2.6	3.3	3.9	4.8	6.3	7.7	8.6	9.3	10.3	11.3
1-2 years	296	7.2	2.8	0.242	*	3.4	4.2	4.6	5.3	6.9	8.7	9.8	10.6	11.8	*
3-5 years	323	6.7	3.0	0.244	*	2.2	2.9	3.6	4.8	6.5	8.4	9.6	10.1	12.0	*
6-8 years	187	6.9	3.3	0.353	*	*	2.7	3.5	5.0	6.5	8.4	10.1	10.4	*	*
9-11 years	200	6.6	2.4	0.247	*	*	3.8	4.3	4.9	6.5	8.0	9.1	9.7	*	*
12-14 years	138	6.8	2.8	0.348	*	*	3.1	3.6	4.8	6.4	8.5	9.4	10.1	*	*
15-19 years	195	6.2	2.5	0.265	*	*	2.8	3.3	4.6	6.1	7.8	8.7	8.9	*	*
20-29 years	371	6.3	2.2	0.166	*	2.6	3.3	4.0	5.1	6.3	7.6	8.6	9.0	10.1	*
30-39 years	431	6.0	2.2	0.152	*	2.2	3.3	3.8	4.6	6.1	7.3	8.1	8.6	9.6	*
40-49 years	413	6.1	2.1	0.154	*	2.6	3.5	4.0	4.7	6.0	7.5	8.3	8.9	10.0	*
50-59 years	407	6.4	2.3	0.166	*	2.8	3.5	4.1	4.9	6.2	7.6	8.3	9.1	10.2	*
60-69 years	490	6.5	2.5	0.165	*	2.8	3.7	4.3	5.0	6.3	7.8	8.6	9.3	10.2	*
70 years and over	998	6.5	2.7	0.125	*	2.6	3.3	3.7	4.5	6.4	8.0	8.9	9.5	10.8	*
Non-Hispanic black															
1 year and over	3,564	6.9	3.6	0.124	1.8	2.3	3.1	3.8	4.7	6.5	8.3	9.6	10.8	13.2	16.3
1-2 years	273	8.1	4.1	0.277	*	2.6	3.5	4.0	5.3	7.4	9.8	11.9	13.1	15.7	*
3-5 years	415	7.3	4.2	0.234	*	2.3	2.8	3.4	4.5	6.7	9.1	10.7	13.3	16.3	*
6-8 years	224	7.2	4.7	0.355	*	2.0	2.5	3.3	4.4	6.1	8.9	10.4	12.9	17.0	*
9-11 years	265	7.6	4.3	0.300	*	2.3	3.2	3.7	4.9	6.8	9.0	10.8	12.6	15.9	*
12-14 years	180	6.9	4.2	0.351	*	*	2.5	3.6	4.3	6.3	8.4	10.0	11.2	*	*
15-19 years	297	7.0	3.5	0.227	*	2.5	3.2	3.9	4.9	6.7	8.4	9.8	11.0	12.8	*
20-29 years	454	6.4	3.0	0.158	*	2.7	3.1	3.7	4.4	6.1	7.9	8.6	9.1	10.5	*
30-39 years	445	6.8	3.3	0.177	*	2.2	3.3	3.8	4.8	6.5	8.5	9.6	10.4	11.6	*
40-49 years	329	6.9	3.3	0.208	*	2.6	3.4	4.0	4.8	6.4	8.1	9.1	10.8	13.3	*
50-59 years	201	6.9	3.2	0.252	*	*	3.3	4.1	5.0	6.7	8.3	9.6	10.3	*	*
60-69 years	265	7.0	3.1	0.215	*	2.7	3.6	4.0	4.9	6.8	8.5	9.4	10.3	12.9	*
70 years and over	216	6.0	3.3	0.252	*	*	2.4	3.0	3.8	5.6	8.0	8.9	10.0	*	*
Mexican American															
1 year and over	3,902	6.1	2.5	0.152	1.9	2.5	3.1	3.7	4.5	6.0	7.4	8.2	9.0	10.0	11.4
1-2 years	297	6.9	2.9	0.238	*	*	3.5	4.3	5.2	6.8	8.3	9.4	10.2	*	*
3-5 years	458	6.5	2.8	0.183	*	2.3	3.0	3.6	4.6	6.4	8.1	9.0	9.9	11.3	*
6-8 years	248	6.2	3.0	0.272	*	*	2.6	3.4	4.3	5.8	7.7	8.9	9.6	*	*
9-11 years	271	6.2	2.8	0.238	*	*	2.8	3.5	4.6	6.1	7.6	8.4	9.5	*	*
12-14 years	189	6.5	2.3	0.242	*	*	3.7	4.2	5.0	6.4	7.9	8.9	9.3	*	*
15-19 years	299	5.9	2.4	0.199	*	*	3.0	3.5	4.2	5.9	7.4	8.1	8.8	*	*
20-29 years	643	6.2	2.4	0.137	*	2.7	3.3	4.0	4.6	6.0	7.3	8.3	9.0	10.3	*
30-39 years	447	5.7	2.2	0.146	*	2.2	2.9	3.3	4.3	5.6	6.9	7.6	8.3	9.4	*
40-49 years	363	5.9	1.9	0.144	*	2.9	3.6	4.0	4.8	5.8	7.1	7.8	8.2	8.8	*
50-59 years	171	5.8	2.8	0.300	*	*	3.0	3.3	4.1	5.6	7.1	8.0	8.4	*	*
60-69 years	323	6.3	2.6	0.202	*	2.5	3.3	3.9	4.9	6.3	7.6	8.2	8.8	10.1	*
70 years and over	193	6.0	2.5	0.254	*	*	3.0	3.3	4.4	6.0	7.3	8.6	8.9	*	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 54. Mononuclear cells in percentages, measured electronically (Coulter™ 3-part differential) for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,468	5.7	2.6	0.101	1.6	2.0	2.8	3.3	4.0	5.5	6.9	7.8	8.6	9.8	11.4
1–2 years	849	6.7	3.1	0.192	1.8	2.5	3.2	3.7	4.8	6.4	8.3	9.3	10.3	11.3	14.1
3–5 years	1,311	6.3	3.1	0.153	1.7	2.1	2.8	3.4	4.3	6.0	7.8	9.0	9.6	11.0	12.7
6–8 years	658	6.1	3.4	0.237	1.5	1.6	2.2	2.9	4.0	5.8	7.4	8.6	9.9	11.3	13.7
9–11 years	722	6.4	2.9	0.194	1.7	2.2	2.8	3.4	4.3	6.4	8.1	9.2	10.0	10.9	12.3
12–14 years	611	5.6	2.5	0.180	1.6	1.9	2.6	3.1	4.0	5.4	6.8	7.7	8.2	9.4	10.2
15–19 years	933	5.4	2.3	0.138	1.6	2.0	2.6	3.0	3.8	5.2	6.7	7.4	8.0	8.6	10.4
20–29 years	1,724	5.4	2.5	0.108	1.5	1.9	2.7	3.2	3.8	5.2	6.5	7.3	8.0	9.0	10.0
30–39 years	1,710	5.5	2.6	0.116	1.5	1.9	2.5	3.0	3.8	5.3	6.7	7.6	8.4	9.6	11.3
40–49 years	1,279	5.3	2.1	0.107	1.8	2.1	2.7	3.0	3.9	5.3	6.5	7.3	7.9	8.9	10.0
50–59 years	951	5.8	2.6	0.150	1.8	2.4	3.0	3.5	4.2	5.7	6.9	7.9	8.6	10.1	11.6
60–69 years	1,089	6.0	2.5	0.138	1.9	2.5	3.1	3.5	4.4	5.9	7.3	8.1	8.6	9.7	11.3
70 years and over	1,631	6.0	2.7	0.121	1.9	2.4	3.0	3.5	4.3	5.8	7.3	8.2	9.1	10.2	12.4
Non-Hispanic white															
1 year and over	4,949	5.6	2.5	0.111	1.7	2.1	2.8	3.3	4.0	5.4	6.9	7.8	8.4	9.6	10.9
1–2 years	268	6.8	3.1	0.263	*	2.5	3.3	3.8	4.9	6.4	8.3	9.3	10.6	11.3	*
3–5 years	329	6.2	2.9	0.217	*	2.2	2.7	3.5	4.5	6.0	7.8	8.8	9.2	10.7	*
6–8 years	172	5.8	3.0	0.316	*	*	2.1	2.6	3.6	5.6	7.3	8.3	9.3	*	*
9–11 years	184	6.5	2.6	0.267	*	*	3.2	3.6	4.4	6.4	8.2	9.3	10.1	*	*
12–14 years	151	5.5	2.2	0.249	*	*	2.6	3.3	4.0	5.5	6.7	7.7	8.1	*	*
15–19 years	266	5.3	2.2	0.181	*	2.0	2.6	3.0	3.9	5.2	6.6	7.3	7.9	8.6	*
20–29 years	462	5.3	2.3	0.149	*	1.9	2.7	3.2	3.8	5.2	6.6	7.3	7.9	8.8	*
30–39 years	563	5.4	2.4	0.139	*	2.0	2.6	3.2	3.8	5.3	6.7	7.4	8.2	9.3	*
40–49 years	453	5.2	2.0	0.130	*	2.0	2.6	3.0	3.8	5.2	6.4	7.3	7.8	8.8	*
50–59 years	467	5.8	2.5	0.161	*	2.4	3.0	3.5	4.1	5.7	6.9	7.7	8.3	9.8	*
60–69 years	466	6.0	2.5	0.161	*	2.5	3.1	3.6	4.5	5.9	7.3	8.1	8.8	9.6	*
70 years and over	1,168	6.0	2.6	0.105	*	2.4	3.0	3.5	4.3	5.8	7.3	8.2	9.0	10.1	*
Non-Hispanic black															
1 year and over	3,997	6.1	3.5	0.112	1.4	1.9	2.5	3.0	3.9	5.6	7.4	8.6	9.6	11.9	14.8
1–2 years	263	7.4	3.3	0.264	*	3.0	3.6	4.3	5.2	7.0	9.1	9.9	11.0	14.2	*
3–5 years	422	7.0	4.1	0.253	*	2.1	2.8	3.3	4.3	6.4	9.1	10.2	11.4	13.8	*
6–8 years	211	6.8	4.5	0.399	*	*	2.1	3.0	3.9	6.0	8.0	9.8	12.6	*	*
9–11 years	245	6.4	4.0	0.324	*	1.9	2.7	3.1	3.9	5.9	7.6	9.3	10.3	14.2	*
12–14 years	215	6.0	3.3	0.288	*	*	2.6	3.0	4.2	5.8	7.2	8.4	9.4	*	*
15–19 years	317	5.7	3.2	0.234	*	1.8	2.3	2.7	3.6	5.1	7.0	7.9	9.1	11.8	*
20–29 years	568	5.7	3.2	0.175	*	1.7	2.4	2.8	3.6	5.2	7.0	8.3	8.9	10.8	*
30–39 years	580	6.3	3.9	0.206	*	1.9	2.5	3.1	4.0	5.6	7.4	8.6	10.0	13.7	*
40–49 years	411	5.9	2.9	0.182	*	2.2	2.9	3.5	4.0	5.5	7.2	8.0	9.0	11.4	*
50–59 years	248	5.6	2.6	0.211	*	1.5	2.5	3.0	3.9	5.6	7.3	8.3	9.1	10.3	*
60–69 years	269	5.8	2.8	0.216	*	1.9	2.4	3.0	4.0	5.5	7.2	8.0	8.8	11.0	*
70 years and over	248	5.8	3.5	0.283	*	1.6	2.1	2.5	3.5	5.2	7.3	8.4	9.6	10.6	*
Mexican American															
1 year and over	3,916	5.4	2.4	0.145	1.5	2.0	2.6	3.1	3.9	5.2	6.6	7.4	8.0	9.1	10.3
1–2 years	280	6.2	2.6	0.243	*	*	3.2	3.7	4.3	6.1	7.8	8.7	9.6	*	*
3–5 years	496	5.9	2.5	0.177	*	2.3	3.0	3.3	4.2	5.8	7.3	8.4	9.0	9.8	*
6–8 years	252	5.7	2.6	0.257	*	*	2.5	3.0	3.8	5.6	7.2	8.3	9.6	*	*
9–11 years	262	5.7	2.5	0.238	*	*	2.5	3.1	4.0	5.4	6.8	7.8	8.4	*	*
12–14 years	216	5.5	2.5	0.265	*	*	2.4	3.0	3.9	5.4	6.8	7.8	8.1	*	*
15–19 years	293	5.1	2.3	0.210	*	2.1	2.5	2.8	3.5	4.9	6.3	7.1	8.1	8.7	*
20–29 years	623	5.1	2.5	0.155	*	1.9	2.5	3.1	3.7	4.8	6.2	6.8	7.5	8.8	*
30–39 years	488	5.1	2.1	0.149	*	1.8	2.7	3.1	3.8	5.1	6.1	6.9	7.5	8.1	*
40–49 years	350	5.3	2.0	0.168	*	2.3	2.8	3.2	3.9	5.1	6.5	7.1	7.6	8.7	*
50–59 years	181	5.5	2.3	0.268	*	*	2.7	3.6	4.2	5.6	6.6	7.2	7.5	*	*
60–69 years	309	5.4	2.1	0.184	*	2.0	3.0	3.5	4.1	5.3	6.3	7.1	7.6	9.2	*
70 years and over	166	5.5	2.3	0.277	*	*	2.5	3.2	3.9	5.2	6.7	8.0	8.2	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 55. Percent distribution of hemoglobin in gram per liter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.4	0.8	0.3	0.1	0.1	0.0	0.2	0.3	0.6	0.8	0.3	0.4	0.8
100.0–104.0	0.4	1.7	0.7	0.3	0.1	0.0	0.2	0.2	0.3	0.6	0.3	0.2	0.8
105.0–109.0	0.8	7.2	2.4	0.7	0.1	0.4	0.2	0.7	0.6	0.4	0.0	0.4	1.2
110.0–114.0	2.2	14.4	8.2	3.4	0.7	1.6	2.0	1.7	1.6	1.3	1.0	1.2	2.3
115.0–119.0	4.6	24.4	19.0	9.5	5.0	3.0	3.3	3.3	3.2	3.0	2.3	2.8	3.7
120.0–124.0	7.5	23.6	26.1	14.7	11.7	7.0	6.6	6.8	4.7	5.0	4.2	5.2	6.8
125.0–129.0	11.2	16.2	21.6	26.9	23.5	13.1	9.6	8.0	8.9	8.8	9.0	9.4	10.1
130.0–134.0	12.8	8.3	13.8	23.2	22.5	17.6	12.1	9.6	10.8	12.4	12.4	11.5	14.2
135.0–139.0	12.8	2.8	6.3	14.7	18.0	13.8	13.3	11.7	12.1	12.0	13.0	16.2	15.9
140.0–144.0	11.7	0.4	1.5	4.5	12.9	16.7	11.7	10.4	11.9	12.2	13.6	15.4	14.9
145.0–149.0	10.8	0.2	0.2	1.8	4.4	12.5	12.6	11.8	11.5	13.6	12.8	13.5	11.4
150.0–154.0	9.6	0.0	0.0	0.2	0.7	8.6	11.2	10.7	13.4	10.3	12.9	11.6	8.4
155.0–159.0	7.1	0.0	0.0	0.0	0.3	2.9	8.7	10.8	8.0	11.2	8.7	5.5	4.8
160.0–164.0	4.7	0.0	0.0	0.0	0.0	2.1	4.6	8.8	7.0	4.2	5.7	3.4	2.6
165.0–169.0	2.0	0.0	0.0	0.0	0.0	0.6	1.9	3.1	3.3	2.6	1.9	1.8	1.2
170.0–174.0	1.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	1.8	0.9	1.5	0.9	0.6
175.0–179.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.5	0.4	0.2	0.1
180.0 and more	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.1	0.1	0.1	0.4	0.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.2	0.5	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.2	0.1	0.3	0.5
100.0–104.0	0.3	0.7	0.1	0.4	0.2	0.0	0.1	0.2	0.0	0.6	0.3	0.1	0.6
105.0–109.0	0.4	6.1	1.3	0.0	0.0	0.2	0.0	0.5	0.2	0.1	0.0	0.2	0.9
110.0–114.0	1.7	14.7	7.1	2.6	0.1	1.3	1.2	1.2	1.3	0.9	0.9	1.1	2.0
115.0–119.0	3.5	25.6	18.3	7.1	3.7	1.8	2.5	2.4	2.0	2.2	1.5	2.5	3.3
120.0–124.0	6.3	25.2	27.8	11.8	9.2	5.5	4.9	5.6	3.8	4.3	3.6	4.4	6.1
125.0–129.0	10.7	16.1	21.4	28.9	23.4	11.9	9.5	7.7	8.6	8.2	8.7	9.3	10.1
130.0–134.0	12.9	8.7	14.7	26.0	22.0	18.2	11.7	9.7	11.2	12.1	12.0	11.3	14.4
135.0–139.0	13.1	1.9	7.5	15.5	19.7	13.0	13.4	12.3	11.9	12.2	13.3	15.8	16.2
140.0–144.0	12.4	0.3	1.6	5.4	15.5	18.7	12.4	11.0	12.5	12.0	13.4	15.8	15.3
145.0–149.0	11.6	0.2	0.3	2.2	5.3	12.6	13.1	12.4	12.2	14.8	12.5	14.1	11.7
150.0–154.0	10.4	0.0	0.0	0.1	0.5	10.4	12.8	10.4	14.2	11.2	13.9	12.3	8.9
155.0–159.0	7.9	0.0	0.0	0.0	0.4	3.1	10.2	11.6	8.8	11.9	9.9	5.5	5.2
160.0–164.0	4.9	0.0	0.0	0.0	0.0	2.9	4.5	9.0	7.6	4.5	5.6	3.5	2.6
165.0–169.0	2.2	0.0	0.0	0.0	0.0	0.3	1.9	3.4	3.3	3.1	2.0	2.0	1.3
170.0–174.0	1.2	0.0	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.0	1.7	1.0	0.7
175.0–179.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.5	0.2	0.1
180.0 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.1	0.4	0.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	1.6	1.8	1.0	0.2	0.7	0.2	1.3	1.4	2.1	2.7	1.6	1.1	4.4
100.0–104.0	1.0	4.1	1.8	0.3	0.0	0.2	0.5	0.7	1.1	1.3	0.6	1.1	1.6
105.0–109.0	2.4	11.0	6.0	2.0	0.5	2.0	1.1	2.0	2.2	1.9	0.5	1.4	4.2
110.0–114.0	5.8	17.9	12.6	9.0	3.8	5.0	5.2	4.7	4.5	5.6	2.6	3.6	6.1
115.0–119.0	10.0	24.6	25.1	16.7	13.0	10.5	7.4	7.4	9.0	6.5	5.4	7.3	8.6
120.0–124.0	13.5	20.0	23.3	24.9	21.3	16.6	13.7	11.8	9.8	9.0	9.1	12.6	11.1
125.0–129.0	14.2	12.7	19.0	22.1	28.3	19.6	11.9	11.4	10.6	11.8	15.0	11.3	14.4
130.0–134.0	12.4	5.9	7.6	13.7	16.9	17.6	10.5	8.7	11.4	14.2	15.7	16.9	15.1
135.0–139.0	10.2	1.8	3.3	8.4	10.0	12.7	10.4	10.0	10.3	10.9	12.9	14.7	12.1
140.0–144.0	9.2	0.3	0.2	1.7	3.9	8.7	9.7	11.4	12.2	10.6	12.9	11.4	9.7
145.0–149.0	7.5	0.0	0.1	0.8	1.3	4.6	12.1	9.6	10.2	9.0	8.6	9.4	6.7
150.0–154.0	5.7	0.0	0.1	0.2	0.2	1.4	7.5	10.3	6.8	7.6	6.6	5.2	3.8
155.0–159.0	3.3	0.0	0.0	0.0	0.0	0.8	5.6	4.6	5.3	4.8	3.7	2.1	1.0
160.0–164.0	2.2	0.0	0.0	0.0	0.0	0.1	2.1	4.1	2.7	3.2	3.1	1.7	1.1
165.0–169.0	0.6	0.0	0.0	0.0	0.0	0.0	0.8	1.6	0.9	0.0	1.1	0.1	0.0
170.0–174.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.6	0.5	0.1	0.0
175.0–179.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.3	0.0	0.0	0.0
180.0 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.1

See footnotes at end of table.

Table 55. Percent distribution of hemoglobin in gram per liter for persons 1 year and over, by race/ethnicity and age: United States, 1988-94—Con.

Race/ethnicity and selected hemoglobin cutoffs	1 year and over	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.7	2.0	0.5	0.1	0.0	0.0	0.6	0.1	0.6	2.5	1.5	0.4	1.8
100.0-104.0	0.6	3.0	0.1	0.5	0.0	0.0	0.9	0.4	0.9	0.9	0.0	0.3	0.1
105.0-109.0	1.1	4.9	2.6	0.7	0.0	0.2	0.1	1.0	1.3	1.0	0.2	0.9	0.9
110.0-114.0	2.3	14.6	5.3	2.4	1.2	0.4	1.7	1.9	1.0	1.5	0.9	1.3	1.2
115.0-119.0	5.1	20.1	18.6	6.7	3.4	1.8	4.5	3.2	3.0	3.9	1.5	1.9	4.0
120.0-124.0	9.1	23.7	21.9	20.4	12.6	7.5	5.9	5.5	7.1	4.6	3.9	6.7	7.5
125.0-129.0	11.4	18.5	26.3	22.9	18.8	12.2	8.2	8.1	7.4	7.7	6.0	9.8	8.0
130.0-134.0	12.1	8.9	14.8	20.7	22.0	20.5	9.3	8.7	10.1	8.6	11.4	12.1	12.0
135.0-139.0	12.1	2.4	7.4	17.7	21.1	21.0	11.7	9.7	9.5	12.2	12.6	13.5	18.1
140.0-144.0	9.9	1.7	1.9	4.6	12.7	17.4	11.1	9.3	10.9	10.3	14.7	13.2	10.4
145.0-149.0	9.3	0.2	0.5	2.4	4.1	10.2	13.3	9.6	10.3	12.1	17.2	15.7	13.5
150.0-154.0	8.5	0.1	0.0	1.0	4.1	5.2	11.0	11.5	12.2	10.0	10.8	10.3	7.3
155.0-159.0	7.6	0.0	0.0	0.0	0.0	2.7	7.8	12.8	10.8	12.4	7.6	5.7	6.4
160.0-164.0	6.2	0.0	0.0	0.0	0.0	0.4	8.9	10.9	9.0	6.2	7.4	5.6	6.7
165.0-169.0	2.7	0.0	0.0	0.0	0.0	0.2	3.4	4.5	4.1	3.8	3.5	1.4	2.1
170.0-174.0	1.0	0.0	0.0	0.0	0.0	0.3	0.6	2.1	1.5	1.8	0.5	0.7	0.0
175.0-179.0	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.1	0.3	0.3	0.2	0.0
180.0 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.2	0.0	0.2	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 56. Percent distribution of hemoglobin in gram per liter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.1	0.9	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.7
100.0–104.0	0.2	1.8	0.8	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7
105.0–109.0	0.4	8.0	2.5	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.9
110.0–114.0	1.1	14.3	8.0	2.9	0.8	0.5	0.1	0.1	0.1	0.1	0.4	0.2	1.6
115.0–119.0	2.4	24.1	19.1	7.5	4.2	1.3	0.1	0.1	0.4	0.7	0.3	0.8	2.0
120.0–124.0	3.8	21.8	28.4	15.6	11.4	3.2	0.6	0.4	0.1	0.7	0.9	1.8	3.5
125.0–129.0	5.1	17.6	20.5	27.8	20.7	8.9	1.6	0.3	0.9	1.2	2.1	2.8	4.4
130.0–134.0	5.9	8.4	12.0	21.8	21.0	15.1	3.5	1.0	2.7	2.5	3.1	5.6	7.8
135.0–139.0	8.0	2.6	6.4	15.5	18.4	11.9	8.7	3.8	5.4	6.7	7.9	10.6	13.0
140.0–144.0	11.7	0.2	1.9	4.7	17.0	19.4	12.0	9.5	11.1	11.3	14.6	16.5	16.1
145.0–149.0	14.9	0.2	0.1	2.5	5.3	15.9	18.1	16.4	17.1	20.7	15.2	18.0	15.1
150.0–154.0	16.6	0.1	0.1	0.2	1.1	14.3	21.4	19.9	22.7	18.7	20.2	19.3	15.3
155.0–159.0	13.4	0.1	0.1	0.1	0.1	4.5	16.9	20.8	15.1	21.1	16.1	10.8	8.7
160.0–164.0	9.2	0.1	0.1	0.1	0.1	3.6	9.3	17.6	13.8	7.9	10.9	6.7	5.5
165.0–169.0	4.1	0.1	0.1	0.1	0.1	1.2	3.8	6.2	6.5	5.4	3.8	3.8	2.7
170.0–174.0	2.1	0.1	0.1	0.1	0.1	0.1	2.5	3.1	3.5	1.9	3.0	1.5	1.4
175.0–179.0	0.5	0.1	0.1	0.1	0.1	0.1	0.6	0.4	0.4	1.0	0.8	0.4	0.3
180.0 and more	0.4	0.1	0.1	0.1	0.1	0.1	0.7	0.7	0.3	0.3	0.2	0.7	0.4
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.1	0.5	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
100.0–104.0	0.1	0.8	0.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
105.0–109.0	0.3	6.5	1.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.9
110.0–114.0	0.9	15.7	8.5	2.6	0.1	0.5	0.1	0.1	0.1	0.1	0.4	0.1	1.5
115.0–119.0	1.9	25.6	18.6	5.2	2.8	0.6	0.1	0.1	0.3	0.7	0.1	0.6	1.8
120.0–124.0	3.0	21.9	29.1	12.5	9.0	2.6	0.1	0.3	0.1	0.4	0.5	1.8	2.7
125.0–129.0	4.5	17.8	19.5	28.6	21.2	7.8	1.7	0.1	0.7	0.7	2.0	2.7	3.7
130.0–134.0	5.5	8.9	13.3	24.9	21.3	15.1	1.9	0.6	2.5	1.9	2.3	5.4	7.5
135.0–139.0	7.4	2.3	7.1	16.8	18.5	11.5	7.6	3.0	4.3	5.5	7.5	9.0	12.7
140.0–144.0	11.6	0.1	2.5	5.4	20.3	19.9	9.8	8.8	10.5	10.1	13.9	17.4	16.1
145.0–149.0	15.3	0.1	0.2	3.0	6.1	16.0	18.7	15.7	17.4	21.3	13.8	18.5	16.0
150.0–154.0	17.5	0.1	0.1	0.1	1.0	16.3	24.1	19.4	22.7	19.7	21.4	19.7	16.3
155.0–159.0	14.6	0.1	0.1	0.1	0.1	4.3	19.6	22.5	16.2	21.8	18.3	10.5	9.3
160.0–164.0	9.7	0.1	0.1	0.1	0.1	4.9	9.1	18.4	14.6	8.3	10.6	7.1	5.5
165.0–169.0	4.4	0.1	0.1	0.1	0.1	0.5	3.8	6.9	6.5	6.1	4.2	4.1	3.1
170.0–174.0	2.3	0.1	0.1	0.1	0.1	0.1	3.6	3.7	3.5	2.0	3.4	1.7	1.5
175.0–179.0	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	1.0	1.1	0.5	0.3
180.0 and more	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.3	0.3	0.2	0.8	0.3
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.6	2.2	1.2	0.3	0.9	0.5	0.1	0.1	0.6	0.1	0.4	1.7	2.2
100.0–104.0	0.6	3.9	2.6	0.7	0.1	0.3	0.1	0.1	0.1	0.1	0.5	1.1	2.1
105.0–109.0	1.2	12.8	7.6	1.7	0.7	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.7
110.0–114.0	2.5	17.4	9.8	6.6	3.9	1.3	0.5	0.1	0.4	0.3	0.3	2.7	4.4
115.0–119.0	5.4	24.6	25.6	13.1	10.9	7.1	0.3	0.1	1.4	1.4	3.0	3.0	4.9
120.0–124.0	7.3	21.0	25.4	26.1	21.5	8.8	1.8	0.4	1.1	2.0	5.9	4.3	7.3
125.0–129.0	8.4	11.2	17.2	24.6	27.4	19.2	2.6	2.1	2.9	4.6	5.2	6.7	9.3
130.0–134.0	9.0	4.5	5.9	13.4	18.5	18.9	9.4	3.7	6.4	9.2	7.4	10.7	15.0
135.0–139.0	11.6	2.4	4.7	8.9	11.0	15.4	13.8	10.0	11.0	11.9	15.3	19.4	16.4
140.0–144.0	14.5	0.1	0.1	2.6	3.6	16.7	17.0	19.2	20.6	18.7	16.5	13.9	14.3
145.0–149.0	13.9	0.1	0.1	1.5	1.4	6.8	22.3	19.4	19.8	17.9	14.0	16.1	11.0
150.0–154.0	11.5	0.1	0.1	0.3	0.1	3.0	15.0	21.9	14.7	15.3	12.6	10.3	7.5
155.0–159.0	7.1	0.1	0.1	0.1	0.1	1.7	11.1	10.1	11.5	10.4	8.2	5.1	2.5
160.0–164.0	4.6	0.1	0.1	0.1	0.1	0.3	4.1	9.0	6.0	6.4	6.8	4.1	2.1
165.0–169.0	1.2	0.1	0.1	0.1	0.1	0.1	1.5	3.5	1.9	0.1	2.1	0.4	0.1
170.0–174.0	0.6	0.1	0.1	0.1	0.1	0.1	0.2	0.7	1.2	1.3	1.1	0.2	0.1
175.0–179.0	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.6	0.1	0.1	0.1
180.0 and more	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.4	0.1	0.3

See footnotes at end of table.

Table 56. Percent distribution of hemoglobin in gram per liter for males 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.2	1.9	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.3	0.2	1.0
100.0–104.0	0.3	4.2	0.1	0.7	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.3
105.0–109.0	0.4	5.8	2.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	1.3
110.0–114.0	1.2	12.8	5.5	2.7	1.6	0.1	0.1	0.1	0.1	0.3	0.1	0.4	0.6
115.0–119.0	2.7	21.9	16.3	6.6	2.7	0.1	0.1	0.2	0.1	0.3	0.1	0.6	2.4
120.0–124.0	4.5	21.8	23.0	17.9	11.5	3.0	0.1	0.1	0.1	0.5	0.1	1.2	3.3
125.0–129.0	6.2	18.8	29.1	26.1	17.6	5.2	0.2	0.3	0.4	1.1	1.1	2.3	7.7
130.0–134.0	5.7	8.6	14.0	21.6	17.3	17.9	1.2	0.4	1.4	1.5	2.9	4.3	8.4
135.0–139.0	7.4	1.9	7.1	13.7	21.6	21.4	5.3	3.5	1.8	6.1	9.2	10.2	13.6
140.0–144.0	9.8	1.9	1.9	5.4	18.0	19.8	11.8	7.9	10.0	10.5	11.1	13.1	8.5
145.0–149.0	13.2	0.4	0.4	3.2	4.8	17.8	20.4	14.2	15.6	17.2	18.6	18.7	16.1
150.0–154.0	14.8	0.1	0.1	2.0	4.8	8.3	20.3	19.4	22.7	16.9	17.8	19.6	10.4
155.0–159.0	14.1	0.1	0.1	0.1	0.1	4.8	14.5	22.3	20.1	23.0	14.7	12.2	10.1
160.0–164.0	11.7	0.1	0.1	0.1	0.1	0.8	17.1	19.3	17.3	10.8	14.7	11.4	12.1
165.0–169.0	5.1	0.1	0.1	0.1	0.1	0.3	6.5	8.0	7.6	7.3	7.1	2.5	4.2
170.0–174.0	2.0	0.1	0.1	0.1	0.1	0.6	1.2	3.7	3.0	3.2	1.1	1.7	0.1
175.0–179.0	0.4	0.1	0.1	0.1	0.1	0.1	0.9	0.7	0.2	0.6	0.6	0.5	0.1
180.0 and more	0.2	0.1	0.1	0.1	0.1	0.1	0.7	0.2	0.1	0.4	0.1	0.5	0.1

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 57. Percent distribution of hemoglobin in gram per liter for females 1 year and over, by race/ethnicity and age: United States, 1988-94

Race/ethnicity and selected hemoglobin cutoffs	1 year and over	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.7	0.8	0.3	0.0	0.1	0.0	0.5	0.7	1.1	1.5	0.5	0.6	0.8
100.0-104.0	0.6	1.6	0.7	0.0	0.3	0.0	0.4	0.5	0.6	1.2	0.4	0.3	0.8
105.0-109.0	1.1	6.3	2.3	0.6	0.0	0.9	0.3	1.5	1.2	0.8	0.1	0.5	1.4
110.0-114.0	3.3	14.4	8.4	3.9	0.7	2.9	3.8	3.4	3.2	2.6	1.6	2.1	2.8
115.0-119.0	6.7	24.8	18.9	11.8	5.8	4.9	6.4	6.6	6.1	5.2	4.1	4.5	4.8
120.0-124.0	11.1	25.6	23.6	13.7	12.1	11.1	12.5	13.1	9.3	9.2	7.3	8.0	8.9
125.0-129.0	17.0	14.5	22.8	25.9	26.3	17.7	17.3	15.7	16.8	16.2	15.5	15.0	14.0
130.0-134.0	19.4	8.1	15.6	25.0	23.9	20.3	20.5	18.0	18.9	21.9	21.2	16.6	18.4
135.0-139.0	17.4	2.9	6.2	13.7	17.6	15.9	17.7	19.4	18.6	17.2	17.8	21.1	17.9
140.0-144.0	11.6	0.7	1.0	4.2	8.8	13.8	11.5	11.3	12.7	13.1	12.5	14.4	14.2
145.0-149.0	6.9	0.2	0.3	1.0	3.5	8.7	7.2	7.2	5.9	6.7	10.5	9.5	8.9
150.0-154.0	2.9	0.0	0.0	0.2	0.3	2.3	1.2	1.6	4.2	2.1	6.0	5.1	3.8
155.0-159.0	1.1	0.0	0.0	0.0	0.5	1.1	0.7	0.9	1.0	1.6	1.7	0.9	2.2
160.0-164.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.3	0.6	0.7	0.6	0.7
165.0-169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.2
170.0-174.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1
175.0-179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.4	0.2	0.6	0.4
100.0-104.0	0.4	0.5	0.0	0.0	0.4	0.0	0.2	0.3	0.0	1.2	0.4	0.2	0.9
105.0-109.0	0.6	5.7	1.4	0.0	0.0	0.4	0.0	1.1	0.5	0.2	0.0	0.3	0.9
110.0-114.0	2.4	13.4	5.5	2.5	0.2	2.2	2.4	2.4	2.6	1.7	1.3	2.0	2.4
115.0-119.0	5.1	25.6	18.1	9.4	4.6	3.3	5.0	4.7	3.8	3.8	2.8	4.1	4.3
120.0-124.0	9.4	29.0	26.3	11.1	9.4	9.1	9.7	10.7	7.7	8.3	6.4	6.7	8.3
125.0-129.0	16.7	14.2	23.5	29.1	25.6	17.0	17.2	15.2	16.8	15.9	14.9	15.1	14.3
130.0-134.0	19.9	8.6	16.3	27.2	22.7	22.0	21.2	18.5	20.0	22.6	21.0	16.4	18.9
135.0-139.0	18.7	1.3	7.9	13.9	20.9	14.9	19.1	21.2	19.7	18.9	18.6	21.9	18.5
140.0-144.0	13.1	0.7	0.6	5.3	10.8	17.3	14.9	13.2	14.5	14.0	13.0	14.4	14.8
145.0-149.0	7.9	0.4	0.4	1.2	4.6	8.3	7.5	9.2	7.0	8.1	11.2	10.2	8.8
150.0-154.0	3.5	0.0	0.0	0.3	0.0	3.1	1.7	1.8	5.6	2.5	6.9	5.8	4.0
155.0-159.0	1.4	0.0	0.0	0.0	0.8	1.6	1.0	1.2	1.2	1.8	2.1	1.1	2.4
160.0-164.0	0.4	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.4	0.7	0.9	0.4	0.6
165.0-169.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.2
170.0-174.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1
180.0 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	2.6	1.3	0.7	0.0	0.4	0.0	2.6	2.6	3.4	4.9	2.6	0.7	5.8
100.0-104.0	1.4	4.3	1.0	0.0	0.0	0.1	1.0	1.4	2.0	2.3	0.6	1.1	1.2
105.0-109.0	3.4	9.1	4.4	2.3	0.3	3.7	2.1	3.7	3.9	3.4	0.5	2.2	6.4
110.0-114.0	8.6	18.3	15.5	11.4	3.7	8.1	10.0	8.6	7.8	9.8	4.5	4.3	7.3
115.0-119.0	14.1	24.6	24.6	20.2	15.2	13.5	14.5	13.5	15.2	10.5	7.4	10.3	11.0
120.0-124.0	18.9	19.0	21.1	23.7	21.2	23.4	25.8	21.5	17.0	14.6	11.8	18.4	13.6
125.0-129.0	19.2	14.1	20.8	19.6	29.2	19.9	21.3	19.2	17.0	17.6	22.9	14.6	17.6
130.0-134.0	15.4	7.4	9.4	14.0	15.3	16.4	11.7	13.0	15.6	18.2	22.5	21.2	15.1
135.0-139.0	9.0	1.2	1.9	7.9	9.0	10.4	6.9	10.0	9.7	10.1	10.9	11.4	9.3
140.0-144.0	4.7	0.5	0.2	0.9	4.2	1.8	2.2	4.9	5.2	4.2	10.0	9.6	6.7
145.0-149.0	2.1	0.0	0.1	0.0	1.2	2.6	1.8	1.3	2.2	1.8	4.2	4.6	4.0
150.0-154.0	0.7	0.0	0.2	0.0	0.4	0.0	0.0	0.5	0.3	1.5	1.7	1.6	1.4
155.0-159.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0
160.0-164.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5
165.0-169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
170.0-174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
175.0-179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0

See footnotes at end of table.

Table 57. Percent distribution of hemoglobin in gram per liter for females 1 year and over, by race/ethnicity and age: United States, 1988-94—Con.

Race/ethnicity and selected hemoglobin cutoffs	1 year and over	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 100.0	1.2	2.2	0.5	0.0	0.0	0.0	1.3	0.3	1.4	5.1	1.7	0.5	2.5
100.0-104.0	1.0	1.7	0.2	0.3	0.0	0.0	1.8	0.9	2.0	1.6	0.0	0.5	0.0
105.0-109.0	1.7	3.9	3.1	1.3	0.0	0.3	0.2	2.4	2.7	2.0	0.3	1.2	0.6
110.0-114.0	3.4	16.6	5.2	2.1	0.6	0.8	3.5	4.4	2.1	2.8	1.7	2.0	1.8
115.0-119.0	7.8	18.1	21.0	6.8	4.3	3.3	9.5	7.1	6.3	7.6	3.0	3.0	5.5
120.0-124.0	13.9	25.7	20.7	22.8	13.9	11.4	12.4	12.4	14.8	9.0	7.6	11.0	11.5
125.0-129.0	17.0	18.1	23.6	19.8	20.2	18.2	17.0	18.1	15.1	14.7	10.7	15.6	8.4
130.0-134.0	18.9	9.2	15.5	19.8	27.6	22.7	18.3	19.3	19.6	16.1	19.5	18.2	15.6
135.0-139.0	17.1	2.9	7.7	21.6	20.5	20.7	18.7	17.6	17.9	18.7	15.9	16.0	22.5
140.0-144.0	10.1	1.5	1.9	3.8	6.4	15.3	10.4	11.1	11.8	10.1	18.2	13.3	12.2
145.0-149.0	5.2	0.0	0.6	1.7	3.2	3.8	5.5	3.9	4.5	6.8	15.9	13.4	11.0
150.0-154.0	1.7	0.1	0.0	0.0	3.2	2.6	0.7	1.5	0.9	2.7	4.1	3.1	4.2
155.0-159.0	0.6	0.0	0.0	0.0	0.0	0.9	0.6	0.7	0.7	1.2	0.9	0.5	2.7
160.0-164.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.4	0.5	1.2	1.5
165.0-169.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.6	0.0
170.0-174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 58. Percent distribution of hematocrit as fractions (liter per liter) for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected hematocrit cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.3	0.6	0.2	0.0	0.1	0.0	0.2	0.3	0.2	0.5	0.2	0.3	0.6
0.30–0.31	0.5	3.4	1.1	0.5	0.1	0.1	0.3	0.3	0.6	0.4	0.2	0.1	1.1
0.32–0.33	2.0	15.7	7.7	3.4	0.6	1.4	1.5	1.6	1.2	1.3	0.8	1.0	2.0
0.34–0.35	6.0	32.4	26.5	12.6	6.1	3.3	3.3	5.1	4.1	3.5	2.8	3.4	4.5
0.36–0.37	13.7	31.7	37.7	31.0	26.8	12.3	11.5	11.0	9.3	11.4	8.3	10.2	11.5
0.38–0.39	18.2	12.7	18.5	33.9	32.4	24.6	17.2	14.3	15.9	15.8	18.3	16.6	20.1
0.40–0.41	16.8	3.2	7.5	14.5	22.9	21.6	17.8	14.6	17.0	16.7	17.8	20.4	19.5
0.42–0.44	24.0	0.5	0.8	4.1	10.6	28.0	26.2	25.2	27.9	28.0	29.0	29.7	26.7
0.45–0.46	10.2	0.0	0.0	0.0	0.4	5.9	12.6	13.2	12.3	13.8	13.5	10.6	8.2
0.47–0.48	5.6	0.0	0.0	0.0	0.0	2.6	6.2	11.0	7.4	5.4	5.7	4.5	3.7
0.49–0.50	2.2	0.0	0.0	0.0	0.0	0.2	2.3	2.7	3.5	2.5	2.9	2.0	1.5
0.51–0.52	0.4	0.0	0.0	0.0	0.0	0.0	0.9	0.6	0.5	0.4	0.3	0.5	0.5
0.53–0.54	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.3	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.3	0.3
0.30–0.31	0.3	2.6	0.7	0.5	0.2	0.0	0.1	0.2	0.1	0.2	0.2	0.0	0.8
0.32–0.33	1.6	16.2	6.8	3.2	0.1	0.9	0.8	1.3	0.6	1.0	0.8	1.0	1.8
0.34–0.35	5.1	33.7	26.7	10.2	5.3	2.4	3.1	4.6	3.4	2.6	2.5	3.0	4.2
0.36–0.37	12.1	32.6	38.5	30.1	24.6	10.0	9.5	9.5	7.7	10.8	7.4	9.6	10.9
0.38–0.39	18.2	11.7	17.4	36.1	30.9	25.3	17.6	14.9	16.4	15.3	17.8	16.5	20.3
0.40–0.41	17.5	2.6	9.2	15.1	26.0	21.3	17.8	15.4	17.6	16.8	18.4	19.6	19.9
0.42–0.44	25.7	0.2	0.7	4.9	12.5	30.3	28.6	26.1	29.6	29.6	28.9	30.9	27.1
0.45–0.46	10.8	0.0	0.0	0.0	0.4	7.3	13.0	12.8	12.9	14.7	14.7	10.8	8.8
0.47–0.48	5.8	0.0	0.0	0.0	0.0	2.3	6.3	11.9	7.6	5.7	5.6	4.7	3.7
0.49–0.50	2.3	0.0	0.0	0.0	0.0	0.2	2.8	2.6	3.5	2.7	3.2	2.3	1.7
0.51–0.52	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.4	0.3	0.3	0.5	0.6
0.53–0.54	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.4	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	1.2	1.2	0.3	0.2	0.7	0.2	1.1	1.3	1.2	1.9	0.9	0.9	3.9
0.30–0.31	1.5	3.7	3.0	0.5	0.0	0.4	1.4	1.0	1.9	1.6	0.7	1.5	3.0
0.32–0.33	4.5	19.9	11.3	4.7	2.0	3.6	3.6	3.7	3.4	3.8	1.9	2.1	5.5
0.34–0.35	10.9	33.4	30.3	19.5	12.9	8.8	6.1	7.7	9.5	8.6	5.1	7.1	8.5
0.36–0.37	21.0	27.0	35.0	36.7	36.2	26.0	20.1	18.1	15.8	15.0	17.1	17.1	17.2
0.38–0.39	18.6	12.3	16.1	28.0	30.1	29.8	15.2	13.3	16.4	16.8	21.6	20.7	20.5
0.40–0.41	13.3	1.7	3.5	8.1	13.8	16.6	12.7	12.5	13.5	16.6	16.1	20.4	15.4
0.42–0.44	18.0	0.9	0.2	2.2	4.2	12.1	22.5	23.9	24.1	21.7	21.9	20.8	20.5
0.45–0.46	6.4	0.0	0.2	0.2	0.0	1.7	11.6	10.5	7.5	8.3	8.2	6.4	3.1
0.47–0.48	3.2	0.0	0.0	0.0	0.0	0.6	4.2	4.9	5.0	4.6	4.4	1.8	1.5
0.49–0.50	1.1	0.0	0.0	0.0	0.0	0.2	1.2	2.9	1.0	0.7	1.5	1.2	0.7
0.51–0.52	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.5	0.4	0.1	0.0
0.53–0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.5	1.1	0.5	0.1	0.0	0.0	0.3	0.2	0.5	1.2	1.5	0.4	1.4
0.30–0.31	0.7	3.6	1.0	0.5	0.0	0.0	0.8	0.3	0.9	1.5	0.0	0.1	0.4
0.32–0.33	2.6	12.0	7.0	2.9	0.3	0.7	1.8	2.3	2.2	1.9	0.4	1.4	1.9
0.34–0.35	6.8	30.1	21.9	10.8	5.4	3.9	3.9	4.1	4.2	4.7	2.8	3.6	3.3
0.36–0.37	15.6	32.0	38.8	31.5	25.9	13.8	11.0	9.7	11.7	9.9	6.9	10.8	11.3
0.38–0.39	17.1	16.5	21.7	34.9	31.4	25.2	14.2	13.7	11.1	12.5	12.9	16.2	16.3
0.40–0.41	15.3	3.7	7.2	15.5	25.0	27.7	15.9	12.5	15.9	13.3	17.5	16.9	19.1

See footnotes at end of table.

Table 58. Percent distribution of hematocrit as fractions (liter per liter) for persons 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected hematocrit cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
0.42–0.44	19.5	1.0	2.0	3.9	10.6	23.2	23.9	21.9	21.5	25.9	33.3	30.6	25.5
0.45–0.46	11.1	0.0	0.0	0.0	1.3	3.7	15.6	17.4	15.6	15.7	12.8	8.6	9.8
0.47–0.48	7.5	0.0	0.0	0.0	0.0	1.4	8.0	12.6	11.7	9.1	9.3	8.6	7.7
0.49–0.50	2.6	0.0	0.0	0.0	0.0	0.3	3.8	4.6	4.0	3.0	1.9	2.2	2.1
0.51–0.52	0.4	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.6	1.0	0.5	0.3	1.2
0.53–0.54	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.0	0.2	0.2	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 59. Percent distribution of hematocrit as fractions (liter per liter) for males 1 year and over, by race/ethnicity and age: United States, 1988-94

Race/ethnicity and selected hematocrit cutoffs	1 year and over	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.1	0.7	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6
0.30-0.31	0.3	3.5	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	1.0
0.32-0.33	1.0	16.0	7.6	2.9	0.5	0.2	0.0	0.0	0.0	0.0	0.2	0.2	1.4
0.34-0.35	3.0	28.6	26.5	12.0	4.5	1.3	0.0	0.1	0.1	0.6	0.4	0.7	2.2
0.36-0.37	6.7	35.1	39.3	30.4	24.5	6.5	1.4	0.5	0.8	1.1	1.9	3.8	5.7
0.38-0.39	7.8	12.6	15.5	32.0	29.5	18.1	4.6	0.6	2.5	3.3	5.4	6.7	11.3
0.40-0.41	12.2	2.8	8.9	17.3	26.5	20.9	11.6	7.1	10.2	11.1	12.3	15.1	15.7
0.42-0.44	33.6	0.5	0.9	4.4	14.1	37.0	38.6	36.6	40.6	41.8	38.9	39.1	35.6
0.45-0.46	18.7	0.0	0.0	0.0	0.2	11.0	24.5	25.8	22.6	25.5	23.1	19.0	13.5
0.47-0.48	11.1	0.0	0.0	0.0	0.0	4.6	12.5	22.1	14.7	10.5	11.0	9.0	7.7
0.49-0.50	4.4	0.0	0.0	0.0	0.0	0.4	4.7	5.5	7.1	5.0	5.9	4.4	3.6
0.51-0.52	0.8	0.0	0.0	0.0	0.0	0.0	1.9	1.2	1.0	0.7	0.5	1.0	1.2
0.53-0.54	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.4	0.2	0.4	0.0
0.55 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.3
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
0.30-0.31	0.2	2.4	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6
0.32-0.33	0.9	17.0	6.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.4
0.34-0.35	2.6	29.1	26.7	10.7	4.2	1.1	0.0	0.0	0.0	0.6	0.4	0.6	2.1
0.36-0.37	5.7	36.1	40.6	28.5	20.7	4.4	0.8	0.6	0.8	0.5	1.5	3.6	4.9
0.38-0.39	7.2	12.1	14.3	32.5	30.0	18.1	4.8	0.2	2.2	2.8	4.6	6.8	10.7
0.40-0.41	12.0	2.8	9.8	19.9	28.0	21.0	10.1	6.9	10.1	10.4	12.7	13.1	15.4
0.42-0.44	34.9	0.0	1.1	5.0	17.0	38.4	40.2	36.1	41.3	42.6	37.6	40.7	37.0
0.45-0.46	19.4	0.0	0.0	0.0	0.0	13.0	24.8	25.4	22.8	26.1	24.9	18.7	14.4
0.47-0.48	11.5	0.0	0.0	0.0	0.0	3.6	12.6	24.2	14.8	10.7	10.6	9.6	7.7
0.49-0.50	4.6	0.0	0.0	0.0	0.0	0.4	5.7	5.3	7.0	5.1	6.5	4.9	3.9
0.51-0.52	0.7	0.0	0.0	0.0	0.0	0.0	1.0	1.4	0.7	0.5	0.5	1.0	1.2
0.53-0.54	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.5	0.0
0.55 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.4	1.6	0.2	0.3	0.9	0.5	0.0	0.0	0.4	0.0	0.0	0.7	2.7
0.30-0.31	0.7	4.2	3.7	1.1	0.0	0.0	0.0	0.0	0.2	0.0	0.5	2.1	1.9
0.32-0.33	2.3	20.1	12.8	3.6	3.0	1.3	0.2	0.0	0.2	0.0	0.7	1.4	2.9
0.34-0.35	5.4	34.7	27.8	15.7	9.3	4.1	0.0	0.0	0.9	1.4	1.2	2.8	3.9
0.36-0.37	11.2	27.8	37.5	36.1	35.3	18.0	3.3	0.7	1.8	3.5	7.8	8.0	10.8
0.38-0.39	11.8	9.1	12.6	28.9	30.0	27.4	7.9	3.6	7.5	7.7	11.5	10.6	17.5
0.40-0.41	13.5	1.3	5.2	10.2	16.6	21.0	12.7	11.3	12.7	16.6	14.4	23.8	17.8
0.42-0.44	31.5	1.2	0.1	3.8	4.9	22.6	41.6	44.1	45.9	41.3	34.1	29.3	30.1
0.45-0.46	13.3	0.0	0.0	0.3	0.0	3.6	22.9	22.6	16.1	17.3	15.6	14.3	7.3
0.47-0.48	6.8	0.0	0.0	0.0	0.0	1.2	8.4	10.8	11.0	9.8	9.9	4.0	2.9
0.49-0.50	2.3	0.0	0.0	0.0	0.0	0.4	2.5	6.3	2.0	1.3	3.3	2.8	1.9
0.51-0.52	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.9	1.0	0.6	0.2	0.0
0.53-0.54	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.3
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.2	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.2	1.0
0.30-0.31	0.3	4.7	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.32-0.33	1.2	12.2	6.3	2.6	0.6	0.0	0.0	0.0	0.0	0.3	0.0	0.5	1.4
0.34-0.35	3.5	29.7	21.9	7.7	3.3	0.0	0.0	0.2	0.0	0.3	0.0	1.6	1.9
0.36-0.37	8.1	29.2	40.0	33.8	23.5	6.1	0.0	0.0	0.0	1.8	0.0	1.3	10.0
0.38-0.39	8.6	18.3	20.1	35.8	28.3	20.7	2.5	0.8	1.1	2.1	4.3	5.5	8.3
0.40-0.41	10.3	3.5	8.1	13.4	28.7	30.6	7.6	6.2	6.9	6.4	7.7	12.6	16.3
0.42-0.44	27.0	1.4	2.4	5.8	13.4	30.8	36.8	30.9	31.3	36.1	40.3	39.0	26.2

See footnotes at end of table.

Table 59. Percent distribution of hematocrit as fractions (liter per liter) for males 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected hematocrit cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
0.45–0.46	20.6	0.0	0.0	0.0	2.1	8.0	29.1	30.4	29.5	29.2	22.3	16.1	13.4
0.47–0.48	14.2	0.0	0.0	0.0	0.0	2.6	15.2	22.1	22.3	16.4	18.8	17.5	15.2
0.49–0.50	5.0	0.0	0.0	0.0	0.0	0.6	7.3	8.2	7.7	5.8	3.9	4.4	3.4
0.51–0.52	0.8	0.0	0.0	0.0	0.0	0.6	0.8	0.9	1.1	1.5	1.1	0.8	2.4
0.53–0.54	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.1	0.0	0.3	0.5	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 60. Percent distribution of hematocrit as fractions (liter per liter) for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected hematocrit cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.5	0.5	0.3	0.0	0.1	0.0	0.4	0.6	0.4	0.9	0.3	0.6	0.6
0.30–0.31	0.7	3.2	1.0	0.0	0.3	0.1	0.7	0.5	1.1	0.9	0.2	0.1	1.2
0.32–0.33	2.9	15.4	7.8	4.0	0.7	2.7	2.9	3.2	2.4	2.6	1.4	1.7	2.5
0.34–0.35	8.7	36.6	26.6	13.3	7.6	5.5	6.5	9.9	8.1	6.3	5.0	5.6	6.0
0.36–0.37	20.3	27.7	36.1	31.8	29.2	18.8	21.3	21.5	17.7	21.3	14.4	15.7	15.3
0.38–0.39	28.2	12.7	21.7	36.1	35.2	31.9	29.4	27.8	29.1	28.0	30.5	25.1	25.9
0.40–0.41	21.3	3.6	6.0	11.1	19.4	22.5	23.9	21.9	23.7	22.0	23.1	24.9	22.0
0.42–0.44	14.8	0.4	0.6	3.7	7.0	18.0	14.0	13.8	15.2	14.7	19.6	21.7	20.7
0.45–0.46	2.1	0.0	0.1	0.0	0.5	0.1	0.9	0.7	2.0	2.6	4.5	3.4	4.6
0.47–0.48	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.1	0.5	0.7	0.6	1.0
0.49–0.50	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.2
0.51–0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1
0.53–0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.1	0.2	0.0	0.6	0.3
0.30–0.31	0.4	2.8	0.6	0.0	0.4	0.0	0.2	0.3	0.2	0.3	0.2	0.9	0.0
0.32–0.33	2.3	15.3	6.9	4.0	0.2	2.0	1.6	2.5	1.2	2.1	1.3	1.8	2.1
0.34–0.35	7.5	39.1	26.6	9.5	6.3	4.1	6.2	9.0	6.9	4.7	4.5	5.2	5.5
0.36–0.37	18.3	28.6	36.1	31.9	28.4	16.8	17.9	18.1	14.8	21.3	12.9	15.0	14.9
0.38–0.39	28.8	11.3	20.8	40.4	31.9	34.0	30.2	29.0	31.0	27.9	30.2	25.1	26.6
0.40–0.41	22.7	2.3	8.5	9.4	23.9	21.7	25.4	23.6	25.3	23.4	23.7	25.3	22.8
0.42–0.44	16.8	0.4	0.2	4.8	8.0	20.5	17.1	16.4	17.6	16.3	20.9	22.3	20.6
0.45–0.46	2.6	0.0	0.0	0.0	0.8	0.2	1.3	0.7	2.7	3.1	5.2	3.9	5.1
0.47–0.48	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.9	0.4	1.0
0.49–0.50	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.2
0.51–0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1
0.53–0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	1.9	0.8	0.4	0.0	0.4	0.0	2.1	2.4	1.9	3.5	1.7	1.0	4.7
0.30–0.31	2.1	3.2	2.3	0.0	0.0	0.8	2.8	1.9	3.3	2.8	0.9	1.1	3.7
0.32–0.33	6.3	19.6	9.9	5.8	1.1	5.6	7.1	6.9	6.2	6.9	2.9	2.6	7.2
0.34–0.35	15.6	32.1	32.9	23.2	16.5	12.8	12.2	14.2	16.5	14.3	8.3	10.1	11.5
0.36–0.37	29.5	26.1	32.4	37.2	37.2	33.0	37.3	32.7	27.4	24.3	24.7	23.6	21.2
0.38–0.39	24.4	15.5	19.7	27.2	30.3	31.9	22.7	21.4	23.8	24.0	29.8	27.8	22.5
0.40–0.41	13.0	2.1	1.8	6.0	11.0	12.8	12.8	13.5	14.1	16.5	17.5	18.0	13.8
0.42–0.44	6.4	0.5	0.2	0.6	3.5	3.1	3.0	6.8	6.1	6.0	11.8	14.8	14.3
0.45–0.46	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.3	1.1	2.1	0.7	0.4
0.47–0.48	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.3	0.7
0.49–0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
0.51–0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0
0.53–0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.30	0.8	1.2	0.5	0.0	0.0	0.0	0.7	0.5	1.0	2.6	1.7	0.5	1.8
0.30–0.31	1.2	2.5	1.5	0.3	0.0	0.0	1.7	0.7	2.0	3.0	0.0	0.2	0.3
0.32–0.33	4.1	11.7	7.6	3.2	0.0	1.2	3.8	5.2	4.6	3.7	0.8	2.2	2.5
0.34–0.35	10.4	30.6	21.9	13.8	7.9	7.1	8.2	9.1	8.9	9.4	5.5	5.2	4.6
0.36–0.37	23.6	35.1	37.5	29.3	28.7	20.2	23.1	22.0	24.3	18.5	13.5	18.3	12.6
0.38–0.39	26.2	14.6	23.3	34.0	35.1	29.0	27.1	30.1	22.0	23.6	21.1	24.6	24.2
0.40–0.41	20.6	3.8	6.2	17.4	20.7	25.2	25.0	20.4	25.7	20.6	27.0	20.3	21.9
0.42–0.44	11.6	0.5	1.5	2.0	7.4	16.9	9.7	10.6	10.9	15.3	26.7	23.9	24.8

See footnotes at end of table.

Table 60. Percent distribution of hematocrit as fractions (liter per liter) for females 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected hematocrit cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
0.45–0.46	1.0	0.0	0.0	0.0	0.3	0.0	0.8	0.9	0.4	1.5	3.6	2.7	6.2
0.47–0.48	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.2	1.4	0.2	1.5	0.4
0.49–0.50	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6	0.8
0.51–0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.53–0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.55 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 61. Percent distribution of red blood cell count as 10¹² cells per liter for persons 1 year and over, by race/ethnicity and age: United States, 1988-94

Race/ethnicity and selected red blood cell count cutoffs	1 year and over	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	2.0	1.0	0.8	0.7	0.4	0.2	1.6	2.3	1.8	1.6	1.6	2.9	5.3
3.80-3.99	3.8	3.0	2.7	2.3	0.9	1.5	2.1	3.9	3.9	5.6	4.2	3.6	6.3
4.00-4.19	8.8	12.0	13.7	6.4	4.2	4.2	7.4	9.6	7.6	8.9	7.9	10.8	12.3
4.20-4.39	14.3	20.5	22.6	17.4	13.2	10.6	11.4	11.6	14.9	13.1	14.0	16.3	16.1
4.40-4.59	16.6	23.6	25.7	24.7	22.7	18.1	16.0	13.2	14.4	14.7	14.9	16.6	19.0
4.60-4.79	16.5	20.6	17.9	25.2	25.0	20.6	15.3	11.2	14.1	17.3	19.2	16.2	15.6
4.80-4.99	15.5	10.5	10.5	15.7	19.4	17.9	17.3	16.2	15.6	15.0	17.3	15.2	11.3
5.00-5.19	10.5	5.3	3.7	6.1	9.4	15.0	10.4	12.5	12.2	11.8	9.8	9.7	7.8
5.20-5.39	6.5	1.8	1.3	0.8	3.8	4.9	10.3	9.6	8.6	7.0	6.1	4.2	3.5
5.40-5.59	3.2	1.1	0.5	0.5	0.7	4.3	4.1	5.4	3.9	3.5	2.5	2.4	1.5
5.60-5.79	1.5	0.4	0.2	0.1	0.4	1.5	2.5	2.7	2.0	0.9	1.4	1.1	0.7
5.80-5.99	0.6	0.2	0.0	0.0	0.0	1.0	0.7	1.3	0.7	0.1	0.6	0.4	0.3
6.00 and more	0.3	0.0	0.4	0.0	0.0	0.3	0.7	0.6	0.2	0.2	0.4	0.5	0.3
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	1.8	1.3	0.7	0.5	0.0	0.1	1.3	2.1	1.5	1.2	1.7	2.6	4.6
3.80-3.99	3.8	2.9	2.9	2.6	0.9	0.8	1.8	3.7	4.0	5.3	4.0	3.4	6.2
4.00-4.19	9.0	13.5	15.7	6.5	3.6	3.7	7.9	10.3	7.4	8.5	7.8	11.1	12.4
4.20-4.39	14.5	23.6	24.7	16.9	12.3	10.7	11.8	11.4	14.8	13.6	14.5	16.7	16.1
4.40-4.59	16.6	25.3	26.0	26.0	22.3	16.9	16.5	13.3	15.1	14.0	14.6	17.0	19.3
4.60-4.79	16.3	20.9	16.8	25.8	25.9	20.9	13.6	10.7	13.6	17.6	19.7	15.6	15.7
4.80-4.99	15.9	8.2	9.6	15.3	19.9	19.8	18.2	17.2	16.5	15.4	17.9	15.0	11.6
5.00-5.19	10.9	2.9	2.8	5.7	10.4	14.9	11.2	13.0	12.5	12.8	9.8	10.4	7.9
5.20-5.39	6.2	0.5	0.7	0.4	4.0	5.1	10.7	8.6	8.5	7.1	6.1	3.8	3.4
5.40-5.59	3.2	0.6	0.0	0.3	0.6	4.9	4.2	5.6	3.7	3.7	2.1	2.5	1.5
5.60-5.79	1.3	0.1	0.1	0.0	0.2	0.6	2.3	2.6	1.9	0.7	1.3	1.1	0.7
5.80-5.99	0.5	0.2	0.0	0.0	0.0	1.4	0.2	1.2	0.5	0.1	0.5	0.4	0.3
6.00 and more	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.1	0.0	0.1	0.4	0.3
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	3.8	1.1	0.8	1.2	1.3	0.5	2.7	3.9	4.9	4.7	2.2	6.2	12.1
3.80-3.99	5.4	3.4	3.3	2.2	1.1	4.0	3.9	6.4	5.8	8.3	6.3	5.2	8.1
4.00-4.19	9.4	10.3	13.5	7.6	6.4	7.9	8.5	8.7	9.2	9.3	10.8	11.7	10.8
4.20-4.39	14.6	14.8	20.7	14.2	17.3	14.8	12.8	11.4	15.9	14.7	13.9	14.7	15.5
4.40-4.59	16.7	23.5	22.9	24.4	24.8	20.9	13.3	14.8	13.2	14.5	16.4	15.1	15.6
4.60-4.79	15.9	18.4	17.6	22.7	21.4	20.4	14.1	12.4	15.1	13.2	17.0	17.5	15.4
4.80-4.99	12.5	10.7	11.7	16.5	16.6	11.1	16.0	11.5	11.5	12.9	11.3	12.0	9.6
5.00-5.19	9.1	10.5	5.5	6.7	6.8	10.1	9.7	11.1	9.7	9.2	9.1	7.6	7.2
5.20-5.39	6.4	4.9	2.5	2.3	3.2	5.9	9.0	10.5	7.0	6.0	5.8	4.6	3.1
5.40-5.59	3.2	1.5	1.1	1.7	0.7	2.5	4.7	4.2	3.9	4.2	3.4	2.4	1.1
5.60-5.79	1.7	1.0	0.1	0.5	0.4	0.9	2.9	2.3	2.4	2.1	1.3	1.5	0.6
5.80-5.99	0.7	0.0	0.2	0.0	0.0	0.2	1.3	1.4	0.8	0.3	1.7	0.5	0.2
6.00 and more	0.8	0.0	0.1	0.0	0.0	0.7	1.1	1.4	0.7	0.7	0.9	1.1	0.8
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	1.7	0.3	2.1	1.3	0.3	0.3	1.7	2.2	2.1	1.4	1.3	3.4	2.9
3.80-3.99	3.3	2.8	1.8	1.8	0.5	2.3	2.8	3.7	4.7	3.5	3.5	4.5	6.4
4.00-4.19	7.3	12.2	11.0	7.3	5.1	6.3	6.6	6.2	8.5	6.8	6.2	7.5	6.0
4.20-4.39	12.4	16.8	22.1	20.7	16.1	11.3	8.5	10.2	9.4	10.3	10.3	13.9	17.5
4.40-4.59	15.8	17.4	26.9	24.2	21.3	18.4	13.9	11.8	11.6	15.8	11.7	17.6	17.1
4.60-4.79	17.4	23.1	19.8	20.9	21.4	18.5	16.3	13.2	16.5	17.3	20.1	18.8	17.3
4.80-4.99	15.6	15.9	10.5	16.1	19.3	22.8	12.0	15.6	13.7	16.1	19.8	15.8	13.5
5.00-5.19	11.1	6.5	3.5	4.8	8.6	11.0	12.8	14.3	13.3	12.0	12.1	9.1	8.3
5.20-5.39	8.5	2.3	1.3	2.2	4.4	6.1	13.5	11.4	11.1	10.7	9.1	4.4	4.3
5.40-5.59	4.2	2.1	0.6	0.7	0.8	1.9	5.4	6.7	6.7	3.3	3.2	3.7	4.1
5.60-5.79	2.0	0.2	0.2	0.1	1.6	0.9	3.6	3.7	1.0	2.4	2.3	0.8	2.0
5.80-5.99	0.6	0.2	0.0	0.0	0.5	0.2	2.1	0.7	0.7	0.6	0.3	0.4	0.6
6.00 and more	0.3	0.1	0.1	0.0	0.0	0.0	0.8	0.3	0.7	0.0	0.0	0.1	0.1

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 62. Percent distribution of red blood cell count as 10¹² cells per liter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red blood cell count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	0.8	1.1	0.4	0.7	0.2	0.1	0.0	0.0	0.3	0.7	1.3	1.6	4.5
3.80–3.99	0.9	2.4	2.3	1.9	0.4	0.3	0.0	0.0	0.1	1.2	0.8	2.5	2.9
4.00–4.19	2.6	10.8	13.6	4.9	3.2	1.0	0.1	0.3	0.7	1.4	1.8	3.6	7.2
4.20–4.39	6.3	18.3	23.4	14.8	11.5	4.7	3.3	1.4	2.7	2.8	6.3	9.2	11.0
4.40–4.59	11.5	24.8	25.7	27.4	19.6	11.9	5.3	5.4	7.7	8.4	8.6	16.7	16.9
4.60–4.79	16.3	21.3	16.7	25.6	23.9	21.6	15.6	8.0	13.5	19.1	21.3	14.1	17.2
4.80–4.99	21.4	11.7	10.6	16.9	21.8	20.3	23.4	24.0	24.2	22.6	24.2	20.1	14.7
5.00–5.19	17.6	6.2	4.4	6.4	12.9	18.8	17.0	22.6	21.8	21.2	15.9	17.0	12.7
5.20–5.39	11.9	1.9	1.3	0.9	5.6	8.8	19.3	18.1	16.1	13.3	10.6	7.0	7.1
5.40–5.59	6.2	1.0	0.8	0.5	0.6	7.7	8.2	10.9	7.3	6.9	4.8	5.0	3.1
5.60–5.79	2.8	0.2	0.0	0.0	0.2	2.4	5.0	5.4	3.8	1.8	2.6	1.9	1.6
5.80–5.99	1.1	0.3	0.0	0.0	0.1	1.9	1.5	2.7	1.4	0.2	1.2	0.6	0.5
6.00 and more	0.6	0.0	0.7	0.0	0.0	0.5	1.4	1.1	0.3	0.5	0.6	0.7	0.7
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	0.8	1.4	0.5	0.6	0.0	0.0	0.0	0.0	0.2	0.5	1.5	1.5	4.1
3.80–3.99	0.8	2.0	2.8	1.7	0.2	0.0	0.0	0.0	0.0	1.2	0.5	2.4	2.3
4.00–4.19	2.3	12.2	14.8	4.3	2.5	0.8	0.0	0.0	0.6	0.7	1.5	3.2	6.7
4.20–4.39	6.4	20.0	26.0	14.5	10.1	4.6	3.8	1.3	3.2	2.7	6.5	9.5	11.1
4.40–4.59	11.6	28.1	26.5	30.0	20.5	11.5	4.1	5.8	8.1	8.2	7.2	17.7	17.0
4.60–4.79	16.1	22.1	15.7	25.4	23.6	21.9	14.4	6.4	13.0	19.6	23.3	13.9	17.4
4.80–4.99	22.1	8.7	9.7	16.5	22.3	20.8	25.0	25.8	25.7	22.8	25.3	18.9	15.5
5.00–5.19	18.4	3.9	3.7	6.5	14.7	18.9	18.7	24.2	21.8	22.4	16.0	18.4	13.4
5.20–5.39	11.6	0.6	0.3	0.6	5.9	9.2	20.2	16.3	15.9	13.5	10.8	6.3	6.8
5.40–5.59	6.1	0.5	0.0	0.0	0.2	8.5	8.6	11.5	6.9	7.0	4.0	5.3	3.1
5.60–5.79	2.5	0.1	0.0	0.0	0.0	0.6	4.6	5.2	3.6	1.2	2.5	1.8	1.6
5.80–5.99	0.9	0.5	0.0	0.0	0.0	2.6	0.3	2.4	1.0	0.2	0.9	0.6	0.4
6.00 and more	0.3	0.0	0.0	0.0	0.0	0.4	0.5	1.1	0.1	0.0	0.0	0.5	0.6
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	1.4	1.2	0.5	1.2	1.6	0.5	0.2	0.2	1.3	1.6	1.0	4.8	7.7
3.80–3.99	1.7	3.1	2.5	1.7	1.6	2.1	0.1	0.0	1.0	0.9	4.1	4.3	6.1
4.00–4.19	4.5	10.4	13.7	8.7	6.2	2.4	0.9	0.9	1.8	4.2	6.0	6.2	9.3
4.20–4.39	7.3	15.5	19.1	11.7	17.4	8.8	2.4	2.5	2.4	5.7	6.7	11.2	10.0
4.40–4.59	13.1	21.8	22.7	23.7	21.1	18.0	8.3	8.4	8.1	12.0	12.9	12.8	12.2
4.60–4.79	16.8	19.4	19.2	22.4	21.6	19.2	13.7	12.4	18.7	14.5	15.8	14.1	22.4
4.80–4.99	17.0	11.2	14.2	18.0	16.7	14.0	24.1	17.1	18.0	18.3	14.5	15.5	10.7
5.00–5.19	14.4	10.0	4.7	5.9	8.2	17.6	16.0	18.7	18.9	16.0	13.1	12.3	9.8
5.20–5.39	11.4	5.3	2.0	3.2	4.7	9.5	14.9	19.9	14.0	11.0	10.9	7.9	6.9
5.40–5.59	6.2	1.1	1.2	3.4	0.8	4.3	8.8	8.9	7.7	9.2	7.3	5.2	1.7
5.60–5.79	3.3	0.9	0.0	0.0	0.0	1.7	5.8	4.9	4.8	4.6	2.5	2.1	1.5
5.80–5.99	1.5	0.0	0.0	0.0	0.0	0.4	2.6	3.0	1.7	0.5	3.4	1.2	0.5
6.00 and more	1.6	0.0	0.2	0.0	0.0	1.6	2.1	3.0	1.5	1.5	1.8	2.5	1.3
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	0.3	0.4	0.8	0.9	0.0	0.0	0.0	0.0	0.2	0.0	1.3	0.5	2.7
3.80–3.99	0.6	2.3	1.8	3.0	0.3	0.0	0.0	0.2	0.0	0.4	0.0	1.6	3.3
4.00–4.19	2.4	11.6	9.1	4.1	4.6	1.0	0.0	0.4	0.5	2.2	1.9	3.2	4.5
4.20–4.39	5.9	18.2	22.9	20.9	10.7	4.1	0.7	0.7	1.0	3.1	3.1	6.9	15.5
4.40–4.59	9.0	14.4	27.5	24.3	18.0	11.4	4.0	3.2	4.1	6.0	6.3	12.4	9.8
4.60–4.79	15.1	21.7	20.2	20.5	20.2	16.2	13.0	11.5	13.9	13.7	15.7	17.0	17.4
4.80–4.99	20.7	17.4	9.7	18.1	26.4	33.0	16.6	20.4	19.3	24.3	24.8	24.1	16.4
5.00–5.19	17.9	8.0	4.7	6.7	7.7	16.7	20.1	23.6	23.6	20.0	19.4	17.3	12.2
5.20–5.39	14.8	2.0	1.6	0.8	7.2	11.0	23.1	19.8	20.7	18.7	15.8	7.0	5.5
5.40–5.59	7.8	3.5	1.0	0.6	1.5	4.1	10.1	12.0	12.2	6.0	6.5	7.3	7.4
5.60–5.79	3.7	0.0	0.4	0.1	2.4	2.0	6.8	6.5	1.8	4.6	4.7	1.6	4.0
5.80–5.99	1.2	0.4	0.0	0.0	0.9	0.5	4.0	1.2	1.2	1.1	0.5	0.9	1.2
6.00 and more	0.5	0.0	0.2	0.0	0.0	0.0	1.5	0.6	1.4	0.0	0.0	0.2	0.2

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 63. Percent distribution of red blood cell count as 10¹² cells per liter for females 1 year, and over by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red blood cell count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	3.1	0.9	1.1	0.7	0.6	0.3	3.2	4.5	3.4	2.5	2.0	4.0	5.8
3.80–3.99	6.6	3.7	3.0	2.9	1.3	2.8	4.2	7.7	7.7	9.9	7.4	4.5	8.6
4.00–4.19	14.7	13.3	13.9	8.1	5.2	7.9	14.6	18.9	14.5	16.1	13.7	16.9	15.7
4.20–4.39	22.0	22.9	21.8	20.4	14.9	17.2	19.4	21.7	27.1	23.1	21.2	22.5	19.4
4.40–4.59	21.5	22.2	25.6	21.7	25.8	25.0	26.4	20.8	21.1	20.7	21.0	16.5	20.5
4.60–4.79	16.6	19.8	19.2	24.7	26.1	19.4	15.0	14.4	14.6	15.6	17.2	18.1	14.5
4.80–4.99	9.8	9.1	10.3	14.2	17.0	15.2	11.4	8.4	7.2	7.7	10.8	11.0	9.1
5.00–5.19	3.8	4.3	3.1	5.7	5.8	10.8	4.0	2.4	2.7	2.8	4.1	3.5	4.5
5.20–5.39	1.3	1.8	1.4	0.8	2.0	0.6	1.6	1.2	1.1	1.0	1.9	1.8	1.2
5.40–5.59	0.3	1.2	0.2	0.6	0.7	0.5	0.1	0.0	0.5	0.2	0.2	0.1	0.5
5.60–5.79	0.2	0.6	0.3	0.2	0.5	0.4	0.0	0.0	0.2	0.1	0.2	0.5	0.1
5.80–5.99	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.1
6.00 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	2.8	1.3	1.0	0.3	0.0	0.2	2.6	4.2	2.8	1.9	1.9	3.6	5.0
3.80–3.99	6.6	3.9	3.1	3.7	1.5	1.7	3.6	7.2	8.0	9.5	7.2	4.3	8.8
4.00–4.19	15.4	15.0	16.7	9.1	4.6	7.3	15.6	20.1	14.5	16.5	13.6	18.1	16.2
4.20–4.39	22.3	27.7	23.2	19.7	14.4	18.1	19.7	21.0	26.6	24.7	22.0	23.0	19.4
4.40–4.59	21.4	22.0	25.4	21.2	24.2	23.5	28.8	20.5	22.4	19.9	21.5	16.4	20.7
4.60–4.79	16.4	19.7	18.1	26.3	28.1	19.7	12.9	14.8	14.4	15.6	16.4	17.2	14.6
4.80–4.99	9.9	7.6	9.5	13.8	17.5	18.4	11.6	8.9	7.0	7.8	11.0	11.5	9.0
5.00–5.19	3.6	1.8	1.8	4.8	6.3	9.9	3.8	2.2	3.0	3.0	3.9	3.2	4.3
5.20–5.39	1.1	0.3	1.1	0.3	2.2	0.0	1.4	1.1	0.8	0.6	1.7	1.6	1.1
5.40–5.59	0.3	0.7	0.0	0.7	0.9	0.5	0.0	0.0	0.3	0.3	0.3	0.0	0.5
5.60–5.79	0.2	0.0	0.2	0.0	0.4	0.6	0.0	0.0	0.1	0.1	0.2	0.5	0.1
5.80–5.99	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2
6.00 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	5.8	0.9	1.0	1.3	1.0	0.6	5.3	7.0	7.9	7.2	3.1	7.2	14.9
3.80–3.99	8.6	3.7	4.1	2.6	0.6	5.6	7.8	11.8	9.8	14.2	8.0	5.8	9.4
4.00–4.19	13.6	10.3	13.3	6.4	6.6	12.8	16.2	15.3	15.4	13.4	14.8	15.7	11.7
4.20–4.39	21.0	14.1	22.3	16.7	17.2	20.0	23.5	19.0	27.0	21.9	19.8	17.1	19.0
4.40–4.59	19.8	25.1	23.1	25.1	28.4	23.4	18.2	20.1	17.4	16.6	19.3	16.8	17.8
4.60–4.79	15.1	17.3	16.0	23.0	21.2	21.4	14.4	12.3	12.0	12.1	17.9	19.8	11.0
4.80–4.99	8.6	10.2	9.1	14.9	16.4	8.6	7.8	6.8	6.1	8.5	8.6	9.4	9.0
5.00–5.19	4.5	10.9	6.3	7.5	5.4	3.7	3.3	4.6	2.1	3.7	5.8	4.3	5.5
5.20–5.39	2.1	4.5	3.0	1.4	1.6	2.7	3.0	2.6	1.2	2.0	1.7	2.3	0.6
5.40–5.59	0.5	2.0	1.1	0.0	0.7	1.0	0.5	0.2	0.7	0.2	0.2	0.4	0.7
5.60–5.79	0.4	1.0	0.2	1.1	0.9	0.3	0.0	0.2	0.4	0.0	0.4	1.1	0.0
5.80–5.99	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
6.00 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.80	3.2	0.2	3.3	1.7	0.7	0.5	3.5	5.1	4.2	2.8	1.4	5.6	3.0
3.80–3.99	6.1	3.3	1.9	0.6	0.8	4.2	5.8	8.2	9.7	6.8	6.9	6.8	9.5
4.00–4.19	12.5	12.8	12.8	10.3	5.6	10.8	13.9	13.5	17.1	11.6	10.3	10.9	7.5
4.20–4.39	19.4	15.2	21.3	20.5	22.3	17.3	17.1	22.2	18.6	17.9	17.2	19.4	19.5
4.40–4.59	23.0	20.8	26.4	24.2	25.2	24.4	24.6	22.7	19.8	26.1	17.0	21.6	24.3
4.60–4.79	19.7	24.7	19.4	21.2	22.8	20.5	20.0	15.4	19.4	21.0	24.4	20.2	17.2
4.80–4.99	10.1	14.3	11.2	14.2	11.1	14.2	6.9	9.6	7.5	7.5	14.9	9.4	10.6
5.00–5.19	3.8	4.8	2.3	3.1	9.7	6.1	4.9	2.5	2.1	3.5	5.1	2.6	4.6
5.20–5.39	1.7	2.6	1.0	3.5	1.0	1.9	3.1	0.7	0.7	2.3	2.7	2.3	3.0
5.40–5.59	0.3	0.6	0.2	0.7	0.0	0.0	0.2	0.0	0.7	0.5	0.0	1.0	0.8
5.60–5.79	0.1	0.5	0.1	0.0	0.8	0.0	0.0	0.0	0.1	0.2	0.0	0.3	0.0
5.80–5.99	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
6.00 and more	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 64. Percent distribution of mean cell volume in femtoliter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red cell volume cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.2	1.4	0.9	0.1	0.1	0.0	0.1	0.0	0.3	0.1	0.0	0.2	0.2
65.0–69.9	0.4	2.0	0.7	0.6	0.5	0.5	0.1	0.2	0.4	0.5	0.3	0.2	0.0
70.0–74.9	1.1	10.4	2.5	1.9	1.8	0.7	0.6	0.5	0.7	0.9	0.5	0.6	0.6
75.0–79.9	4.0	33.8	18.7	11.8	8.3	6.6	2.5	1.4	1.6	1.8	1.5	1.2	1.1
80.0–84.9	16.9	44.6	55.2	50.4	50.0	30.5	18.8	11.7	10.1	8.3	7.6	7.2	6.5
85.0–89.9	36.1	6.8	19.2	32.0	34.1	48.5	43.1	45.9	36.9	35.4	35.4	30.8	29.6
90.0–94.9	30.9	0.4	1.4	2.1	4.6	11.2	29.1	32.8	39.8	37.8	38.9	41.4	40.4
95.0–99.9	8.3	0.0	0.1	0.0	0.1	0.9	4.3	5.9	8.3	13.1	12.3	14.7	16.7
100.0–104.9	1.1	0.0	0.0	0.0	0.0	0.1	0.2	0.7	0.7	1.4	2.2	2.7	3.1
105.0 and more	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3	0.5	0.5	0.6
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.2
65.0–69.9	0.1	1.1	0.0	0.0	0.2	0.3	0.0	0.1	0.1	0.2	0.0	0.2	0.0
70.0–74.9	0.4	7.6	0.4	1.1	1.1	0.0	0.0	0.0	0.1	0.4	0.2	0.4	0.5
75.0–79.9	2.7	33.3	15.1	8.8	6.4	6.5	1.0	0.6	0.9	0.9	1.1	0.8	0.8
80.0–84.9	14.5	49.0	60.5	53.2	52.9	28.1	15.5	8.8	7.4	6.4	6.0	6.0	5.4
85.0–89.9	37.0	8.1	21.5	33.5	34.5	52.2	45.5	48.3	37.8	36.0	35.3	30.2	29.3
90.0–94.9	33.6	0.2	1.7	2.3	4.7	11.3	31.8	34.2	43.1	40.9	40.1	42.7	41.6
95.0–99.9	9.2	0.0	0.1	0.0	0.0	0.7	4.5	6.3	8.6	13.1	13.3	15.8	17.3
100.0–104.9	1.3	0.0	0.0	0.0	0.0	0.1	0.2	0.8	0.7	1.4	2.7	2.8	3.1
105.0 and more	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.3	0.4	0.6	0.7
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.4	3.2	1.4	0.3	0.0	0.2	0.6	0.3	0.2	0.5	0.1	0.0	0.2
65.0–69.9	1.4	5.5	3.9	2.7	1.4	1.6	0.1	0.9	1.4	1.3	0.9	0.3	0.2
70.0–74.9	4.0	19.4	6.8	4.4	4.2	4.8	3.5	2.4	3.4	3.6	2.2	2.9	2.9
75.0–79.9	10.4	34.7	27.9	26.8	18.4	11.0	8.7	6.2	6.3	5.9	4.1	5.5	4.9
80.0–84.9	25.5	29.6	41.8	39.3	42.9	37.7	26.1	23.2	20.2	19.0	19.1	16.8	18.0
85.0–89.9	30.5	5.8	16.4	23.5	28.5	31.8	37.3	36.2	31.1	29.7	31.9	33.9	32.4
90.0–94.9	20.3	0.6	0.8	2.3	3.5	10.9	19.6	23.9	27.9	25.7	29.8	29.7	28.5
95.0–99.9	5.7	0.0	0.0	0.0	0.4	1.8	3.0	4.9	7.2	12.1	9.8	8.4	8.9
100.0–104.9	0.8	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.2	1.4	0.4	1.5	2.4
105.0 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.3	0.5	0.2
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.4	3.7	0.1	0.0	0.8	0.0	0.2	0.1	0.2	1.1	0.0	0.0	0.5
65.0–69.9	0.5	2.3	0.5	0.4	0.2	0.2	0.5	0.2	0.9	1.1	0.2	0.2	0.2
70.0–74.9	1.4	8.5	2.3	1.1	1.3	0.1	1.0	0.9	1.0	1.5	1.2	0.3	0.6
75.0–79.9	5.6	33.8	17.5	8.6	9.6	5.7	4.7	1.3	2.0	2.5	1.7	1.6	1.5
80.0–84.9	21.6	43.9	53.7	48.3	39.8	31.7	19.8	12.1	11.6	11.4	9.4	7.9	6.7
85.0–89.9	36.9	5.9	22.6	37.3	39.6	42.7	41.1	41.9	37.2	39.1	39.5	32.7	33.6
90.0–94.9	26.6	0.5	1.8	2.8	6.7	16.7	28.4	36.2	37.3	30.0	39.7	42.2	42.6
95.0–99.9	5.4	0.0	0.0	0.0	0.0	1.7	3.7	6.0	7.6	11.4	7.1	12.6	12.7
100.0–104.9	0.4	0.0	0.0	0.0	0.0	0.4	0.1	0.2	0.4	0.8	1.0	1.7	1.1
105.0 and more	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 65. Percent distribution of mean cell volume in femtoliter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red cell volume cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.1	1.3	1.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65.0–69.9	0.3	2.6	0.5	0.8	0.4	0.7	0.0	0.0	0.1	0.0	0.5	0.3	0.0
70.0–74.9	1.0	11.7	2.6	2.1	2.2	0.8	0.3	0.3	0.4	0.7	0.2	0.4	1.0
75.0–79.9	3.8	35.1	19.3	12.1	8.2	7.6	1.5	0.9	1.0	1.0	0.7	0.8	1.2
80.0–84.9	17.1	42.9	57.5	50.5	53.1	34.1	17.1	11.9	10.2	5.7	5.9	6.9	5.2
85.0–89.9	37.0	5.4	16.3	31.1	30.6	46.6	45.5	50.3	40.7	36.9	35.4	28.1	25.0
90.0–94.9	30.0	0.0	1.4	1.9	4.2	8.3	30.6	29.6	38.5	41.6	40.0	39.3	40.2
95.0–99.9	8.4	0.0	0.1	0.0	0.1	0.3	3.4	5.8	7.3	11.8	13.6	20.1	21.0
100.0–104.9	1.1	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.8	1.4	2.1	2.9	3.7
105.0 and more	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.5	0.6	0.6	1.3
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.1	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65.0–69.9	0.1	1.8	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0
70.0–74.9	0.5	9.0	0.2	1.2	1.3	0.0	0.0	0.0	0.0	0.5	0.0	0.2	0.9
75.0–79.9	2.6	33.7	15.6	9.8	6.7	7.5	0.0	0.3	0.4	0.4	0.4	0.6	0.8
80.0–84.9	15.5	48.5	63.6	53.6	58.6	32.4	15.0	10.2	8.7	4.1	4.9	6.2	4.6
85.0–89.9	38.1	5.7	18.2	31.9	28.7	50.8	48.1	54.0	43.0	37.4	34.5	27.5	24.6
90.0–94.9	31.8	0.0	1.7	2.1	4.2	7.7	32.3	28.5	39.3	44.5	41.5	39.9	41.1
95.0–99.9	9.1	0.0	0.2	0.0	0.0	0.0	2.6	5.9	6.9	11.2	14.4	21.5	21.7
100.0–104.9	1.2	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.7	1.3	2.5	2.7	3.4
105.0 and more	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.5	0.6	0.7	1.5
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.3	2.7	2.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.5
65.0–69.9	1.2	6.4	3.2	3.5	1.7	1.8	0.0	0.3	0.9	0.5	0.4	0.8	0.0
70.0–74.9	4.1	20.9	7.6	3.8	5.3	5.8	1.9	2.1	3.2	3.4	2.4	3.2	3.0
75.0–79.9	9.9	36.4	30.7	23.7	15.8	12.7	7.2	5.4	5.5	3.2	4.0	4.0	5.2
80.0–84.9	23.5	24.8	40.1	37.1	42.9	40.9	22.8	18.7	19.6	17.5	12.6	15.2	13.2
85.0–89.9	31.5	7.2	14.4	27.5	29.8	24.9	42.4	39.4	29.8	31.7	35.8	32.8	33.4
90.0–94.9	20.9	0.0	0.6	2.7	3.6	12.0	20.8	26.3	31.0	25.7	29.7	27.2	30.4
95.0–99.9	6.2	0.0	0.0	0.0	0.6	1.2	3.8	5.0	6.8	14.6	11.7	12.4	11.6
100.0–104.9	1.1	0.0	0.0	0.0	0.0	0.0	0.3	1.0	2.0	2.3	0.9	3.1	1.6
105.0 and more	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.9	0.5	0.7	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.3	4.7	0.2	0.0	1.5	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65.0–69.9	0.2	2.4	0.3	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.2	0.0
70.0–74.9	1.0	9.9	2.5	0.7	1.6	0.3	0.0	0.3	0.8	0.6	0.0	0.4	0.0
75.0–79.9	5.8	36.5	20.5	10.9	13.2	7.1	3.9	0.6	1.2	0.4	2.3	1.0	3.0
80.0–84.9	20.5	39.6	53.9	46.4	39.5	41.0	19.2	10.9	8.7	9.0	9.6	8.2	6.7
85.0–89.9	36.0	5.4	19.0	37.5	33.9	36.3	41.3	42.8	38.5	38.4	37.8	27.1	29.5
90.0–94.9	28.0	0.4	2.4	2.1	6.6	11.5	30.3	38.5	38.2	36.0	39.3	41.5	45.8
95.0–99.9	6.4	0.0	0.0	0.0	0.0	2.4	4.3	6.0	9.9	13.7	8.9	17.7	12.7
100.0–104.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	1.0	1.3	2.2	1.9
105.0 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 66. Percent distribution of mean cell volume in femtoliter for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red cell volume cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.2	1.6	0.3	0.0	0.0	0.0	0.2	0.1	0.6	0.2	0.0	0.3	0.1
65.0–69.9	0.4	1.3	0.9	0.4	0.5	0.2	0.1	0.3	0.6	1.0	0.2	0.1	0.0
70.0–74.9	1.1	8.9	2.4	1.7	1.4	0.6	0.9	0.7	1.1	1.0	0.8	0.7	0.4
75.0–79.9	4.2	32.5	18.0	11.5	8.5	5.5	3.5	1.8	2.3	2.6	2.1	1.5	1.1
80.0–84.9	16.8	46.4	52.6	50.3	46.8	26.6	20.5	11.5	10.1	10.8	9.2	7.5	7.4
85.0–89.9	35.2	8.3	22.3	33.2	37.5	50.6	40.9	41.6	33.0	33.9	35.5	33.1	32.6
90.0–94.9	31.7	0.8	1.5	2.3	5.0	14.3	27.6	35.9	41.0	34.1	37.9	43.2	40.5
95.0–99.9	8.2	0.0	0.0	0.0	0.0	1.5	5.2	6.0	9.3	14.3	11.1	10.1	13.8
100.0–104.9	1.1	0.0	0.0	0.0	0.0	0.2	0.1	0.8	0.6	1.3	2.3	2.6	2.8
105.0 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.4	0.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.1
65.0–69.9	0.1	0.3	0.0	0.0	0.4	0.0	0.0	0.1	0.3	0.4	0.0	0.0	0.0
70.0–74.9	0.4	6.1	0.6	1.0	1.0	0.0	0.0	0.0	0.2	0.4	0.4	0.6	0.2
75.0–79.9	2.8	32.8	14.4	7.6	6.1	5.4	2.0	1.0	1.4	1.5	1.8	1.0	0.8
80.0–84.9	13.5	49.7	57.1	52.7	47.3	22.8	16.1	7.4	6.0	8.7	7.1	5.9	5.9
85.0–89.9	35.9	10.8	25.2	35.5	40.2	53.8	43.0	42.9	32.5	34.5	36.0	32.5	32.4
90.0–94.9	35.4	0.3	1.8	2.5	5.1	15.7	31.4	39.6	47.0	37.2	38.7	45.1	41.9
95.0–99.9	9.3	0.0	0.0	0.0	0.0	1.6	6.4	6.6	10.3	15.0	12.2	10.8	14.4
100.0–104.9	1.4	0.0	0.0	0.0	0.0	0.2	0.0	1.1	0.8	1.6	2.8	2.9	2.9
105.0 and more	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.5	0.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.6	3.7	0.8	0.3	0.0	0.3	1.0	0.6	0.4	0.9	0.2	0.0	0.0
65.0–69.9	1.6	4.6	4.6	1.8	1.2	1.5	0.3	1.3	1.8	2.0	1.3	0.0	0.3
70.0–74.9	4.0	17.8	5.9	5.0	3.1	4.0	5.1	2.7	3.5	3.8	2.1	2.7	2.9
75.0–79.9	10.8	33.0	25.1	29.8	21.0	9.5	10.2	6.9	7.0	8.1	4.2	6.5	4.7
80.0–84.9	27.2	34.3	43.4	41.5	43.0	34.9	29.5	27.0	20.7	20.2	24.3	17.9	21.1
85.0–89.9	29.6	4.4	18.5	19.6	27.2	37.8	32.1	33.5	32.1	28.1	28.8	34.6	31.8
90.0–94.9	19.9	1.2	1.1	1.9	3.5	9.9	18.5	21.8	25.4	25.6	29.9	31.4	27.3
95.0–99.9	5.2	0.0	0.0	0.0	0.2	2.3	2.1	4.8	7.5	10.1	8.3	5.6	7.2
100.0–104.9	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.5	0.6	0.0	0.3	2.8
105.0 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.4	0.3
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 65.0	0.5	2.7	0.1	0.0	0.0	0.0	0.4	0.2	0.5	2.0	0.0	0.0	1.0
65.0–69.9	0.9	2.2	0.7	0.7	0.3	0.0	0.8	0.4	1.9	2.2	0.3	0.3	0.3
70.0–74.9	1.7	7.0	2.2	1.6	0.8	0.0	2.1	1.5	1.3	2.5	2.3	0.2	1.1
75.0–79.9	5.5	30.9	14.5	6.5	5.4	4.4	5.7	2.3	2.9	4.7	1.2	2.0	0.0
80.0–84.9	22.7	48.6	53.5	50.2	40.1	23.8	20.4	13.7	14.7	13.9	9.1	7.6	6.8
85.0–89.9	37.8	6.4	26.2	37.1	46.3	48.2	40.8	40.8	35.8	39.8	41.0	37.1	37.6
90.0–94.9	25.1	0.6	1.3	3.6	6.9	21.1	26.3	33.3	36.4	23.7	40.1	42.8	39.4
95.0–99.9	4.4	0.0	0.1	0.0	0.0	1.1	3.1	6.1	5.2	9.0	5.3	8.6	12.7
100.0–104.9	0.3	0.0	0.0	0.0	0.0	0.8	0.3	0.1	0.4	0.5	0.7	1.4	0.3
105.0 and more	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 67. Percent distribution of mean cell hemoglobin in picogram for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mean cell hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.5	2.1	1.3	0.5	0.3	0.4	0.1	0.2	0.6	0.6	0.3	0.3	0.2
22.0–23.9	0.8	5.0	1.8	0.8	1.0	0.5	0.4	0.5	0.7	1.0	0.5	0.5	0.3
24.0–25.9	2.3	19.1	8.1	6.0	4.1	3.5	2.1	1.0	1.2	0.9	1.2	1.0	1.3
26.0–27.9	11.1	51.6	45.1	31.6	27.2	18.4	10.2	6.0	5.9	5.8	4.5	4.5	4.5
28.0–29.9	32.3	19.5	39.0	51.5	54.1	47.7	39.9	35.7	28.3	25.1	24.9	26.1	26.0
30.0–31.9	37.6	0.8	3.1	7.2	9.3	25.9	37.7	43.3	46.2	44.6	45.9	44.9	43.8
32.0–33.9	11.4	0.1	0.1	0.3	0.7	1.2	6.4	10.3	12.6	17.0	17.4	17.7	18.2
34.0 and more	1.6	0.0	0.0	0.5	0.3	0.1	0.4	0.9	1.6	2.2	3.2	2.8	3.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.2	0.6	0.0	0.1	0.2	0.3	0.0	0.1	0.2	0.2	0.0	0.4	0.2
22.0–23.9	0.3	2.3	0.2	0.5	0.4	0.0	0.0	0.1	0.0	0.6	0.2	0.2	0.1
24.0–25.9	1.1	14.9	2.9	2.2	1.7	2.2	0.8	0.3	0.5	0.2	1.0	0.6	1.1
26.0–27.9	8.5	56.0	47.1	29.2	27.3	17.8	6.3	2.9	3.3	4.0	2.8	3.3	3.4
28.0–29.9	31.6	23.4	44.6	57.8	56.5	47.9	40.5	36.2	27.0	23.4	23.4	24.9	25.1
30.0–31.9	40.9	0.7	3.7	7.7	10.2	28.3	41.8	45.2	50.2	48.2	47.6	46.4	45.2
32.0–33.9	13.1	0.1	0.1	0.4	0.7	1.4	7.9	11.8	13.9	18.5	19.2	19.1	19.3
34.0 and more	1.9	0.0	0.0	0.8	0.0	0.1	0.5	1.2	1.8	2.3	3.8	2.9	3.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	1.4	5.4	3.8	2.0	0.6	1.1	0.7	0.9	1.5	1.7	1.0	0.3	0.4
22.0–23.9	3.4	13.7	5.0	2.0	2.8	3.6	2.5	2.7	3.5	3.7	2.1	2.9	2.7
24.0–25.9	8.6	29.1	19.9	22.4	13.4	11.4	8.1	5.1	5.4	4.0	3.8	5.6	4.5
26.0–27.9	23.2	37.3	41.5	35.5	32.7	28.9	25.6	20.9	17.3	19.0	16.8	14.3	17.2
28.0–29.9	31.7	11.3	26.4	30.6	40.8	36.0	35.9	31.8	31.6	28.4	31.1	34.2	35.4
30.0–31.9	22.9	0.9	1.9	5.7	5.6	14.9	21.7	30.5	28.4	27.5	33.3	31.0	28.1
32.0–33.9	5.4	0.0	0.0	0.0	0.6	0.5	2.4	5.3	8.2	11.1	8.6	6.7	7.4
34.0 and more	0.8	0.1	0.0	0.0	0.5	0.0	0.5	0.3	1.3	1.8	0.3	2.6	1.6
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.8	4.4	0.2	0.0	0.9	0.0	0.5	0.2	1.1	2.0	0.2	0.2	0.7
22.0–23.9	1.1	7.0	1.3	1.2	0.0	0.2	0.7	0.7	0.8	1.4	1.3	0.3	0.6
24.0–25.9	3.1	17.8	6.4	1.9	4.7	2.7	3.5	1.3	1.4	2.9	1.4	1.0	1.6
26.0–27.9	14.7	52.5	44.1	31.5	26.8	17.2	12.1	6.0	6.5	5.9	5.8	6.1	4.0
28.0–29.9	36.1	15.0	42.6	54.7	48.1	49.2	35.8	32.8	34.1	31.9	30.0	29.4	29.3
30.0–31.9	33.7	1.1	3.8	7.3	16.0	26.1	38.8	48.1	42.5	35.9	44.2	42.5	47.6
32.0–33.9	7.5	0.0	0.2	0.9	1.6	1.8	5.0	8.7	10.4	14.3	13.2	14.8	13.2
34.0 and more	0.8	0.0	0.2	0.0	0.3	0.0	0.2	0.7	1.1	2.5	0.4	3.1	0.4

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 68. Percent distribution of mean cell hemoglobin in picogram for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mean cell hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.3	2.3	1.9	0.8	0.3	0.5	0.0	0.0	0.1	0.0	0.5	0.3	0.4
22.0–23.9	0.6	6.3	1.4	0.8	1.1	0.5	0.3	0.3	0.3	0.7	0.2	0.3	0.4
24.0–25.9	2.1	19.3	8.8	5.9	3.7	2.7	1.3	0.7	0.6	0.7	0.5	0.8	1.8
26.0–27.9	10.7	52.3	47.9	34.2	30.6	21.4	8.3	4.7	4.6	3.1	3.0	2.9	3.6
28.0–29.9	31.4	16.9	36.4	47.4	52.2	47.2	38.9	37.4	28.4	24.0	22.8	22.8	21.3
30.0–31.9	38.4	0.4	2.6	7.0	7.6	24.2	42.2	43.0	49.5	47.9	47.3	45.2	43.4
32.0–33.9	11.7	0.2	0.0	0.6	0.5	0.7	6.3	10.3	11.4	17.2	20.6	20.9	22.1
34.0 and more	2.0	0.0	0.0	1.0	0.1	0.0	0.3	1.1	2.0	3.1	3.8	3.8	4.8
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.1	1.1	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.4
22.0–23.9	0.2	3.3	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2
24.0–25.9	1.0	15.7	3.4	2.9	2.3	1.2	0.0	0.3	0.2	0.0	0.1	0.5	1.7
26.0–27.9	8.7	56.6	50.6	32.5	30.7	21.4	4.8	2.5	2.8	1.7	2.3	2.0	2.8
28.0–29.9	30.9	20.0	42.2	52.4	53.8	47.2	39.7	38.6	28.1	22.6	20.3	21.7	20.1
30.0–31.9	41.1	0.4	3.0	6.6	8.4	27.0	45.5	42.4	52.3	51.7	49.5	46.3	44.3
32.0–33.9	13.1	0.3	0.0	0.7	0.0	0.9	7.5	11.6	11.3	17.6	22.3	22.7	23.5
34.0 and more	2.3	0.0	0.0	1.5	0.0	0.0	0.2	1.5	2.2	3.2	4.7	3.8	4.6
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	1.1	5.6	5.0	2.6	0.8	1.1	0.1	0.2	0.9	0.2	0.4	0.8	0.5
22.0–23.9	3.3	15.9	4.5	2.3	3.5	3.5	1.7	2.1	3.0	2.9	1.8	3.2	3.0
24.0–25.9	7.8	28.5	22.0	19.1	10.2	12.0	7.0	3.5	4.0	3.1	3.9	4.3	3.5
26.0–27.9	21.3	34.8	40.7	35.0	37.0	29.7	23.1	15.8	15.8	14.9	12.6	13.8	13.2
28.0–29.9	32.0	12.0	25.4	32.4	37.9	34.8	36.1	34.0	30.9	30.5	32.2	31.7	37.2
30.0–31.9	24.5	0.6	1.5	6.9	4.6	12.8	25.8	36.0	34.0	26.9	33.9	29.1	29.9
32.0–33.9	6.1	0.0	0.0	0.0	1.1	0.2	2.8	6.1	7.2	15.2	10.9	9.4	9.0
34.0 and more	1.2	0.0	0.0	0.0	0.9	0.0	1.0	0.2	1.8	3.3	0.5	4.1	1.6
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.4	5.5	0.2	0.0	1.5	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0
22.0–23.9	0.7	7.4	1.7	0.0	0.0	0.5	0.0	0.3	0.4	0.8	0.6	0.6	0.0
24.0–25.9	2.7	18.9	7.0	2.1	6.8	2.3	1.3	0.6	1.4	0.1	2.3	1.7	3.2
26.0–27.9	14.3	54.6	48.6	36.3	30.2	26.8	13.0	2.9	2.8	4.3	4.1	3.3	4.6
28.0–29.9	33.6	11.6	38.3	51.2	47.2	48.3	31.2	31.1	32.5	29.1	29.1	27.9	22.7
30.0–31.9	35.9	0.5	2.5	6.0	10.3	18.3	44.9	54.2	45.7	41.0	41.3	40.7	47.9
32.0–33.9	9.1	0.0	0.4	1.6	3.0	1.1	5.1	9.0	13.8	17.7	17.9	18.4	16.9
34.0 and more	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	3.1	0.8	5.6	0.2

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 69. Percent distribution of mean cell hemoglobin in picogram for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mean cell hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.6	1.9	0.7	0.2	0.4	0.2	0.2	0.3	1.1	1.2	0.2	0.4	0.1
22.0–23.9	1.0	3.5	2.1	0.8	0.9	0.6	0.6	0.8	1.1	1.3	0.8	0.6	0.3
24.0–25.9	2.6	18.7	7.4	6.1	4.6	4.4	3.0	1.3	1.8	1.2	1.9	1.1	1.0
26.0–27.9	11.4	50.7	42.1	28.7	23.8	15.0	12.1	7.3	7.2	8.5	6.0	5.9	5.1
28.0–29.9	33.2	22.4	41.8	56.2	56.0	48.3	41.0	33.9	28.3	26.1	26.8	28.9	29.2
30.0–31.9	36.8	1.3	3.7	7.4	11.0	27.7	33.3	43.6	42.8	41.3	44.5	44.5	44.2
32.0–33.9	11.1	0.0	0.2	0.0	0.9	1.7	6.5	10.3	13.9	16.9	14.3	15.0	15.6
34.0 and more	1.2	0.0	0.0	0.0	0.4	0.1	0.6	0.7	1.2	1.3	2.6	1.9	2.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.5	0.4	0.0	0.4	0.1
22.0–23.9	0.3	1.1	0.2	0.3	0.9	0.0	0.0	0.2	0.0	0.7	0.4	0.4	0.1
24.0–25.9	1.2	14.0	2.2	1.5	1.1	3.6	1.5	0.3	0.9	0.4	1.9	0.7	0.7
26.0–27.9	8.4	55.3	43.2	25.2	24.0	13.3	7.8	3.2	3.9	6.3	3.3	4.5	3.8
28.0–29.9	32.4	27.3	47.3	64.2	59.0	48.7	41.2	33.9	25.9	24.2	26.2	27.8	28.4
30.0–31.9	40.7	1.0	4.5	8.9	12.0	30.0	38.0	47.9	48.0	44.7	45.8	46.6	45.8
32.0–33.9	13.2	0.0	0.3	0.0	1.3	2.1	8.2	12.1	16.6	19.4	16.4	15.9	16.5
34.0 and more	1.4	0.0	0.0	0.0	0.0	0.2	0.8	0.9	1.4	1.4	3.1	2.1	2.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	1.7	5.3	2.7	1.5	0.5	1.2	1.2	1.4	2.0	2.9	1.5	0.0	0.3
22.0–23.9	3.6	11.5	5.5	1.8	2.1	3.6	3.3	3.1	3.9	4.3	2.3	2.7	2.6
24.0–25.9	9.2	29.6	17.8	25.7	16.7	10.8	9.2	6.4	6.5	4.7	3.8	6.5	5.1
26.0–27.9	24.7	39.7	42.3	35.9	28.3	28.2	28.3	25.2	18.5	22.3	20.3	14.6	19.7
28.0–29.9	31.4	10.6	27.4	28.8	43.7	37.1	35.7	29.9	32.2	26.8	30.2	36.0	34.3
30.0–31.9	21.5	1.3	2.3	4.5	6.6	16.8	17.6	25.8	23.8	28.0	32.9	32.4	27.0
32.0–33.9	4.8	0.0	0.0	0.0	0.0	0.7	2.0	4.7	9.0	7.8	6.7	4.7	6.4
34.0 and more	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.6	0.2	1.5	1.7
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 22.0	1.2	3.3	0.2	0.0	0.3	0.0	0.8	0.4	2.2	3.9	0.3	0.3	1.4
22.0–23.9	1.4	6.5	0.8	2.3	0.0	0.0	1.5	1.2	1.3	2.0	2.0	0.2	1.1
24.0–25.9	3.5	16.8	5.7	1.7	2.2	3.1	5.9	2.2	1.4	5.8	0.5	0.4	0.0
26.0–27.9	15.1	50.1	39.7	26.9	22.9	9.1	11.2	9.8	10.5	7.6	7.5	8.2	3.4
28.0–29.9	38.7	18.6	46.8	58.0	49.2	50.0	40.8	34.8	35.8	34.8	30.8	30.6	35.8
30.0–31.9	31.3	1.8	5.1	8.6	22.7	32.6	32.2	40.3	39.0	30.4	46.9	44.0	47.4
32.0–33.9	5.8	0.0	0.0	0.3	0.0	2.4	4.9	8.3	6.7	10.8	8.8	11.9	9.4
34.0 and more	0.7	0.0	0.5	0.0	0.7	0.0	0.3	0.6	1.4	1.9	0.0	1.2	0.5

0.0 Quantity is more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 70. Percent distribution of mean cell hemoglobin concentration in gram per liter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mean cell hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.0	0.0	0.1
300.0–309.9	0.3	0.4	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.6	0.2	0.3	0.3
310.0–319.9	2.1	3.0	3.3	1.7	1.5	2.4	1.8	1.5	2.1	1.7	2.0	2.2	3.7
320.0–329.9	14.1	19.4	16.4	16.4	15.0	17.8	16.6	11.6	11.7	12.5	12.0	16.1	18.4
330.0–339.9	43.5	51.4	47.4	42.2	45.3	40.7	43.3	41.8	42.1	42.3	41.6	46.9	47.5
340.0–349.9	34.3	22.9	27.9	33.4	34.5	34.9	32.8	37.8	37.8	36.3	37.1	29.1	26.5
350.0–359.9	5.3	2.4	4.0	5.8	3.2	3.7	5.1	6.4	5.9	5.8	6.9	4.7	3.1
360.0–369.9	0.3	0.2	0.5	0.1	0.3	0.3	0.2	0.4	0.2	0.6	0.1	0.1	0.3
370.0 and more	0.1	0.2	0.2	0.3	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.5	0.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.1
300.0–309.9	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.2
310.0–319.9	1.3	1.6	1.9	1.0	0.7	1.7	0.8	0.8	1.1	1.0	1.0	2.0	3.2
320.0–329.9	11.2	14.1	12.4	13.5	11.5	14.0	12.5	8.5	8.7	9.9	9.7	13.9	17.2
330.0–339.9	42.8	53.4	47.7	39.3	46.4	41.7	41.2	39.8	40.9	41.0	41.7	47.8	47.3
340.0–349.9	37.9	27.3	32.3	37.9	38.1	37.8	39.0	42.3	42.3	40.4	39.7	30.3	28.1
350.0–359.9	6.1	2.7	4.7	8.0	3.2	4.7	6.1	7.7	6.7	6.4	7.8	5.2	3.5
360.0–369.9	0.3	0.3	0.6	0.0	0.0	0.1	0.2	0.5	0.2	0.7	0.1	0.1	0.3
370.0 and more	0.1	0.3	0.3	0.3	0.0	0.0	0.2	0.1	0.0	0.2	0.0	0.5	0.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
280.0–289.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.2	0.0	0.2	0.0	0.0	0.0	0.4	0.1	0.1	0.7	0.2	0.0	0.2
300.0–309.9	1.0	0.7	0.5	0.8	0.7	1.6	0.7	0.7	1.3	1.2	1.6	1.1	0.8
310.0–319.9	6.9	7.2	7.7	5.4	4.2	8.1	6.8	6.4	7.2	6.9	6.9	6.5	9.7
320.0–329.9	29.1	33.9	26.8	31.5	27.8	31.9	32.1	28.1	24.3	29.5	28.2	31.9	36.5
330.0–339.9	44.8	44.7	46.3	39.3	44.8	39.1	45.7	46.1	47.4	42.8	47.4	44.0	41.4
340.0–349.9	16.2	11.9	16.4	20.5	20.2	18.7	12.6	17.5	17.1	16.5	14.1	14.1	11.2
350.0–359.9	1.6	1.2	2.0	1.9	1.5	0.7	1.4	1.0	2.5	2.1	1.2	1.9	0.2
360.0–369.9	0.1	0.0	0.1	0.3	0.8	0.0	0.3	0.0	0.0	0.1	0.4	0.0	0.0
370.0 and more	0.1	0.2	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3
290.0–299.9	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5
300.0–309.9	0.5	1.2	0.1	0.0	0.4	0.0	0.5	0.4	0.6	1.3	0.7	0.1	1.0
310.0–319.9	2.0	4.4	2.6	1.4	1.6	0.9	2.1	1.3	2.2	2.7	2.0	1.8	1.8
320.0–329.9	15.6	24.0	15.6	17.1	14.2	15.5	17.5	13.0	13.3	14.2	19.0	20.6	22.7
330.0–339.9	43.1	45.7	48.0	38.9	39.1	44.6	41.3	43.9	44.5	40.0	41.0	43.4	50.6
340.0–349.9	32.8	23.0	29.2	40.4	37.9	33.5	32.2	33.6	33.7	34.1	28.4	31.2	21.6
350.0–359.9	5.5	1.4	4.1	1.7	6.4	5.3	6.0	7.2	5.3	5.9	8.9	2.6	1.3
360.0–369.9	0.4	0.0	0.4	0.5	0.1	0.3	0.4	0.6	0.1	0.9	0.0	0.4	0.3
370.0 and more	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately

NOTE: Numbers may not add to totals because of rounding.

Table 71. Percent distribution of mean cell hemoglobin concentration in gram per liter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mean cell hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.2
300.0–309.9	0.1	0.7	0.4	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.4
310.0–319.9	1.6	4.0	4.4	1.9	1.7	3.1	1.5	1.1	1.1	0.8	1.0	1.5	3.0
320.0–329.9	11.1	20.5	16.7	17.4	14.1	17.2	12.5	7.1	7.4	8.4	9.2	12.9	18.4
330.0–339.9	41.5	50.9	45.5	41.8	44.8	40.3	42.7	41.1	39.2	38.9	36.6	47.6	44.2
340.0–349.9	38.3	22.2	28.0	32.2	36.8	35.3	35.2	41.5	43.3	43.2	43.7	32.0	30.5
350.0–359.9	6.8	1.3	3.6	6.0	2.0	4.1	8.1	8.3	8.8	7.4	9.2	5.4	3.1
360.0–369.9	0.3	0.2	1.0	0.1	0.2	0.0	0.1	0.4	0.2	0.9	0.2	0.2	0.2
370.0 and more	0.1	0.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.2
300.0–309.9	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
310.0–319.9	1.1	2.5	2.9	1.2	0.5	2.7	0.7	0.8	0.9	0.4	0.2	1.3	2.5
320.0–329.9	8.6	15.4	13.9	15.1	11.6	14.0	7.5	4.6	4.8	6.4	7.0	10.8	17.3
330.0–339.9	39.9	53.8	45.0	37.8	45.7	39.6	40.5	37.4	36.4	37.3	36.7	48.9	43.5
340.0–349.9	42.0	26.2	32.4	37.0	40.3	39.1	41.6	46.4	47.4	46.6	45.8	32.8	32.4
350.0–359.9	7.7	0.9	4.0	8.3	2.0	4.6	9.7	9.9	10.2	7.8	10.2	5.7	3.4
360.0–369.9	0.4	0.3	1.2	0.0	0.0	0.0	0.0	0.5	0.2	1.0	0.2	0.2	0.2
370.0 and more	0.1	0.3	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.5
300.0–309.9	0.7	1.0	0.8	0.6	1.0	0.2	0.2	0.7	0.7	0.0	1.2	2.3	0.7
310.0–319.9	5.2	7.9	9.2	6.5	4.5	8.5	5.8	3.8	3.7	4.8	4.6	5.2	5.6
320.0–329.9	26.1	32.1	25.5	29.2	26.5	29.1	28.6	21.7	21.5	24.2	28.6	32.5	36.8
330.0–339.9	47.2	47.8	46.1	41.7	47.6	41.9	47.7	49.5	51.8	44.5	49.6	42.6	42.8
340.0–349.9	18.3	9.3	15.5	19.2	18.2	18.8	15.5	22.6	19.4	22.7	13.9	14.3	13.2
350.0–359.9	2.0	1.8	2.3	1.6	0.7	1.5	1.6	1.4	3.0	3.7	0.8	3.0	0.4
360.0–369.9	0.3	0.0	0.2	0.5	1.5	0.0	0.6	0.0	0.0	0.0	1.0	0.0	0.0
370.0 and more	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
300.0–309.9	0.1	1.1	0.2	0.0	0.8	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
310.0–319.9	1.4	6.0	2.3	0.7	1.7	1.2	1.2	0.8	0.7	0.9	3.7	1.0	2.2
320.0–329.9	13.4	29.0	18.2	17.6	13.3	15.4	15.3	8.8	11.1	8.9	17.3	14.0	24.3
330.0–339.9	42.9	42.4	45.7	40.5	44.2	47.1	38.4	43.3	44.0	40.7	37.9	48.8	48.3
340.0–349.9	35.0	20.3	29.5	39.0	35.3	28.8	37.0	36.7	38.4	39.8	30.0	33.3	23.3
350.0–359.9	6.6	0.9	3.8	1.4	4.7	7.5	8.1	9.6	5.6	7.7	11.2	2.5	1.5
360.0–369.9	0.5	0.0	0.4	0.8	0.0	0.0	0.0	0.8	0.2	1.5	0.0	0.4	0.0
370.0 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 72. Percent distribution of mean cell hemoglobin concentration in gram per liter for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mean cell hemoglobin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.0	0.0	0.0
300.0–309.9	0.4	0.2	0.0	0.2	0.1	0.4	0.3	0.3	0.3	1.1	0.3	0.5	0.2
310.0–319.9	2.5	1.9	2.0	1.5	1.3	1.6	2.1	2.0	3.0	2.5	2.9	2.9	4.2
320.0–329.9	16.9	18.2	16.2	15.3	15.8	18.6	20.6	16.0	16.0	16.4	14.6	18.9	18.5
330.0–339.9	45.4	51.8	49.5	42.6	45.8	41.1	43.9	42.4	45.0	45.5	46.4	46.4	49.7
340.0–349.9	30.5	23.6	27.8	34.8	32.2	34.4	30.5	34.1	32.4	29.6	31.0	26.6	23.9
350.0–359.9	3.9	3.6	4.3	5.7	4.4	3.3	2.2	4.6	3.0	4.2	4.8	4.1	3.1
360.0–369.9	0.2	0.2	0.0	0.0	0.4	0.5	0.3	0.5	0.1	0.3	0.0	0.0	0.4
370.0 and more	0.1	0.3	0.2	0.0	0.1	0.0	0.2	0.2	0.0	0.0	0.1	0.7	0.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
300.0–309.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.5	0.1
310.0–319.9	1.6	0.5	0.8	0.7	0.8	0.4	1.0	0.9	1.3	1.6	1.7	2.6	3.6
320.0–329.9	13.8	12.6	10.7	11.6	11.5	14.1	17.5	12.2	12.7	13.5	12.3	16.7	17.1
330.0–339.9	45.5	53.0	50.7	41.1	47.1	44.3	41.8	42.1	45.5	44.8	46.4	46.7	49.8
340.0–349.9	34.0	28.5	32.1	39.0	36.1	36.2	36.5	38.3	37.1	34.1	34.0	28.1	25.3
350.0–359.9	4.5	4.8	5.4	7.5	4.5	4.7	2.6	5.6	3.2	5.0	5.5	4.7	3.5
360.0–369.9	0.2	0.3	0.0	0.0	0.0	0.3	0.3	0.4	0.2	0.4	0.0	0.0	0.4
370.0 and more	0.1	0.3	0.3	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.7	0.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0
280.0–289.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
290.0–299.9	0.3	0.0	0.1	0.0	0.0	0.0	0.9	0.3	0.2	1.2	0.0	0.0	0.0
300.0–309.9	1.3	0.3	0.1	1.0	0.4	2.7	1.2	0.7	1.8	2.2	1.9	0.2	0.9
310.0–319.9	8.3	6.5	6.3	4.3	4.0	7.7	7.9	8.5	10.1	8.6	8.8	7.5	12.2
320.0–329.9	31.7	35.6	28.2	33.7	29.1	34.3	35.5	33.4	26.7	33.7	27.9	31.5	36.3
330.0–339.9	42.6	41.5	46.4	37.0	42.0	36.6	43.6	43.1	43.7	41.5	45.6	44.9	40.5
340.0–349.9	14.4	14.4	17.3	21.8	22.2	18.6	9.6	13.2	15.2	11.5	14.2	14.1	10.0
350.0–359.9	1.2	0.7	1.6	2.3	2.2	0.0	1.2	0.6	2.1	0.9	1.5	1.0	0.0
360.0–369.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
370.0 and more	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
280.0–289.9	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.7
290.0–299.9	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	0.0	0.0	0.6
300.0–309.9	0.9	1.2	0.1	0.0	0.0	0.0	1.0	0.8	1.2	2.4	1.4	0.1	1.9
310.0–319.9	2.5	2.7	2.8	2.1	1.5	0.7	3.1	1.9	3.8	4.6	0.3	2.5	1.4
320.0–329.9	17.9	18.5	13.1	16.6	15.2	15.5	19.9	18.3	15.8	19.8	20.6	25.7	21.1
330.0–339.9	43.3	49.3	50.3	37.4	33.1	42.4	44.5	44.6	45.0	39.3	44.1	39.2	52.9
340.0–349.9	30.5	26.0	28.9	41.7	40.9	37.5	27.0	29.6	28.7	28.1	26.8	29.5	19.9
350.0–359.9	4.2	1.8	4.4	2.0	8.4	3.4	3.7	4.2	5.0	4.0	6.7	2.6	1.0
360.0–369.9	0.3	0.0	0.4	0.3	0.3	0.5	0.9	0.4	0.0	0.2	0.0	0.4	0.6
370.0 and more	0.1	0.0	0.0	0.0	0.7	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 73. Percent distribution of red cell distribution width in percents for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red cell distribution width cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.9	2.2	3.0	2.3	2.3	0.4	1.5	1.2	1.0	0.4	0.2	0.1	0.1
11.5–11.9	8.9	9.3	17.0	20.3	19.7	12.0	10.9	9.6	9.3	6.1	4.9	4.6	1.6
12.0–12.4	25.5	21.7	33.1	33.2	35.8	31.3	29.6	30.5	26.1	24.0	22.0	15.2	12.4
12.5–12.9	29.5	22.8	25.4	27.5	24.9	29.7	33.5	33.7	30.4	31.9	27.3	28.1	23.0
13.0–13.4	18.2	16.3	12.8	12.8	11.7	16.9	14.4	14.9	18.1	19.9	23.5	23.4	24.3
13.5–13.9	8.3	11.4	4.6	2.2	3.7	5.7	5.5	5.4	7.5	8.5	11.1	14.2	16.3
14.0–14.4	3.8	6.6	1.8	1.2	1.3	1.8	2.1	2.2	3.2	3.8	5.1	6.0	9.7
14.5–14.9	2.0	3.3	1.0	0.0	0.2	1.0	0.9	1.1	1.8	2.4	2.2	3.1	5.5
15.0–15.4	1.0	2.6	0.6	0.3	0.1	0.1	0.7	0.5	0.5	0.9	1.7	2.4	2.8
15.5–15.9	0.7	0.9	0.3	0.0	0.0	0.5	0.3	0.4	0.8	0.6	0.7	1.3	1.6
16.0–16.4	0.3	0.6	0.0	0.1	0.1	0.0	0.2	0.1	0.2	0.2	0.3	0.6	1.1
16.5–16.9	0.3	0.6	0.1	0.0	0.0	0.2	0.1	0.2	0.4	0.2	0.4	0.2	0.5
17.0–17.4	0.2	0.6	0.1	0.0	0.0	0.0	0.3	0.1	0.1	0.1	0.1	0.3	0.3
17.5 and more	0.5	1.4	0.2	0.0	0.1	0.4	0.1	0.2	0.5	1.2	0.6	0.5	1.0
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	1.0	2.4	3.8	2.9	2.9	0.3	1.8	1.4	1.3	0.2	0.2	0.1	0.1
11.5–11.9	9.7	9.4	20.9	24.5	22.1	14.6	13.3	9.7	11.1	6.7	5.5	4.7	1.7
12.0–12.4	27.3	23.7	37.2	37.0	40.0	30.8	32.8	33.4	29.2	26.6	23.9	16.1	13.3
12.5–12.9	29.9	24.8	25.0	24.2	22.7	29.4	33.5	34.8	30.9	32.9	27.2	29.6	24.5
13.0–13.4	18.1	15.6	9.8	9.3	9.1	17.0	12.6	14.8	17.1	20.3	24.0	23.8	24.3
13.5–13.9	7.3	11.2	2.0	1.1	2.4	5.1	3.4	4.0	5.4	6.8	10.6	13.2	16.0
14.0–14.4	3.2	5.8	0.7	0.4	0.7	1.0	1.6	1.0	2.5	3.0	4.1	5.5	9.1
14.5–14.9	1.5	2.5	0.4	0.0	0.0	1.0	0.3	0.2	1.1	1.6	1.7	2.6	5.1
15.0–15.4	0.8	2.2	0.2	0.4	0.0	0.0	0.4	0.2	0.3	0.6	1.5	2.3	2.3
15.5–15.9	0.5	0.9	0.1	0.0	0.0	0.0	0.2	0.4	0.7	0.5	0.5	0.9	1.2
16.0–16.4	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.4	1.1
16.5–16.9	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.0	0.3	0.1	0.4
17.0–17.4	0.1	0.3	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.1	0.3	0.2
17.5 and more	0.3	1.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.8	0.4	0.4	0.9
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.6	0.8	2.0	1.2	1.3	0.9	0.1	0.5	0.1	0.7	0.1	0.0	0.0
11.5–11.9	5.2	5.2	12.0	9.6	10.8	5.2	5.3	6.7	3.5	3.6	1.3	2.5	0.8
12.0–12.4	15.7	16.5	24.1	26.8	23.1	21.1	19.3	17.8	14.0	9.2	10.9	8.5	4.5
12.5–12.9	23.5	20.8	24.1	31.6	29.4	32.4	26.6	26.8	24.7	18.0	19.1	13.2	12.0
13.0–13.4	20.1	19.7	17.8	19.5	19.0	20.6	21.9	19.8	21.2	19.9	20.0	20.5	18.7
13.5–13.9	13.2	11.7	9.8	5.7	8.9	8.3	11.8	11.3	15.1	19.6	14.7	17.1	16.6
14.0–14.4	8.8	9.0	4.3	4.9	4.7	6.2	5.6	7.6	8.8	10.5	12.6	14.9	17.1
14.5–14.9	5.0	6.1	2.5	0.1	0.8	1.6	3.8	4.5	4.2	8.5	8.1	7.6	10.4
15.0–15.4	2.7	3.1	1.6	0.1	0.5	0.8	2.1	2.1	2.3	3.1	5.2	4.6	8.1
15.5–15.9	1.5	1.4	0.8	0.2	0.0	1.3	1.2	0.5	1.5	1.2	2.4	4.4	4.5
16.0–16.4	1.1	1.6	0.2	0.0	0.5	0.2	0.8	0.5	1.4	1.4	1.0	3.3	2.3
16.5–16.9	0.7	1.7	0.5	0.0	0.1	0.3	0.4	0.1	0.5	1.4	2.3	0.7	1.4
17.0–17.4	0.5	0.4	0.1	0.0	0.2	0.0	0.6	0.5	0.6	0.4	0.2	0.7	1.5
17.5 and more	1.5	2.1	0.2	0.2	0.5	1.0	0.5	1.3	2.1	2.6	1.9	2.1	2.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.7	1.5	1.9	0.8	1.7	0.4	0.2	0.6	0.4	0.1	0.0	0.9	0.2
11.5–11.9	7.6	10.2	14.1	14.0	15.5	10.9	5.9	7.5	5.1	3.2	3.2	2.0	0.4
12.0–12.4	25.4	15.8	29.8	31.5	33.7	27.4	27.3	30.6	24.4	18.4	15.9	13.3	8.5
12.5–12.9	31.5	22.8	25.7	36.0	28.2	35.4	34.7	32.8	31.4	34.1	33.0	27.5	18.7
13.0–13.4	18.4	18.4	17.1	12.0	12.8	16.2	17.8	15.5	22.0	22.4	21.8	25.1	29.1
13.5–13.9	8.3	10.1	5.1	4.1	5.9	7.0	7.8	7.2	8.8	8.0	12.8	17.3	21.9
14.0–14.4	3.3	7.5	2.9	1.1	0.6	1.8	2.0	2.7	3.2	5.3	4.9	5.1	8.4
14.5–14.9	1.5	3.1	2.0	0.1	0.4	0.5	1.3	1.2	1.0	2.1	3.5	4.0	4.3
15.0–15.4	0.9	2.6	0.1	0.4	0.3	0.2	1.0	0.8	0.7	1.5	0.8	1.4	2.2

See footnotes at end of table.

Table 73. Percent distribution of red cell distribution width in percents for persons 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected red cell distribution width cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
15.5–15.9	0.6	1.2	0.1	0.0	0.3	0.0	0.4	0.4	0.9	0.6	1.4	1.8	2.4
16.0–16.4	0.4	2.1	0.2	0.0	0.3	0.0	0.5	0.0	0.4	0.6	1.3	0.3	0.4
16.5–16.9	0.4	1.1	0.4	0.0	0.0	0.0	0.3	0.3	1.0	0.8	0.0	0.5	0.4
17.0–17.4	0.2	1.0	0.4	0.0	0.0	0.0	0.3	0.1	0.3	0.4	0.0	0.1	0.3
17.5 and more	0.8	2.6	0.2	0.0	0.4	0.0	0.5	0.4	0.4	2.4	1.4	0.7	2.8

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 74. Percent distribution of red cell distribution width in percents for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red cell distribution width cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.7	1.0	0.9	1.0	0.8	0.1	2.0	0.8	1.4	0.1	0.0	0.1	0.0
11.5–11.9	8.0	7.3	12.0	14.2	15.5	7.9	8.6	9.6	9.5	6.1	5.0	3.3	2.0
12.0–12.4	25.5	18.3	32.0	31.2	36.7	27.1	28.4	33.2	26.5	24.6	22.1	12.9	8.6
12.5–12.9	31.8	24.5	28.1	34.5	29.4	35.0	40.1	33.7	31.9	34.1	27.9	30.0	23.5
13.0–13.4	18.7	16.2	15.5	14.5	11.0	18.9	14.9	16.2	19.5	20.4	22.8	23.2	22.7
13.5–13.9	8.0	12.7	6.9	2.3	4.6	7.3	3.3	4.0	6.2	8.1	11.9	16.5	17.0
14.0–14.4	3.2	7.3	2.1	1.7	1.3	1.7	2.1	1.3	2.2	3.8	3.6	6.2	9.5
14.5–14.9	1.9	4.2	1.1	0.0	0.3	0.7	0.5	0.8	1.6	1.6	2.9	2.9	7.6
15.0–15.4	0.9	2.9	0.7	0.5	0.1	0.2	0.0	0.1	0.5	0.4	2.1	1.9	3.4
15.5–15.9	0.5	1.2	0.2	0.0	0.0	0.6	0.1	0.0	0.2	0.1	0.8	1.1	2.3
16.0–16.4	0.3	0.9	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.9	1.4
16.5–16.9	0.2	0.5	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.3	0.4
17.0–17.4	0.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4
17.5 and more	0.3	2.0	0.1	0.0	0.2	0.2	0.0	0.0	0.1	0.5	0.5	0.4	1.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.7	0.8	1.0	0.8	1.2	0.0	3.1	0.5	1.8	0.0	0.0	0.1	0.0
11.5–11.9	8.6	7.6	15.0	17.3	15.6	9.3	9.5	9.7	10.8	6.6	5.6	3.7	2.3
12.0–12.4	27.5	19.7	37.6	36.1	44.6	29.0	31.0	37.6	28.9	26.8	23.7	12.8	8.6
12.5–12.9	31.5	27.5	28.8	31.2	27.0	35.0	39.7	32.1	32.3	34.0	27.9	31.7	24.7
13.0–13.4	18.5	15.8	12.4	11.8	8.1	17.8	13.3	16.4	18.4	21.1	23.2	23.4	23.2
13.5–13.9	7.1	13.0	3.5	1.3	3.3	7.1	1.9	2.8	3.9	6.6	11.1	16.5	17.3
14.0–14.4	2.7	6.4	0.9	0.6	0.2	0.7	1.6	0.3	1.8	3.0	2.8	5.7	9.2
14.5–14.9	1.6	3.1	0.5	0.0	0.0	0.5	0.0	0.3	1.4	1.2	2.6	2.3	7.1
15.0–15.4	0.8	2.6	0.3	0.7	0.0	0.0	0.0	0.0	0.3	0.2	2.0	1.7	2.8
15.5–15.9	0.4	1.1	0.0	0.0	0.0	0.6	0.0	0.0	0.2	0.0	0.7	0.9	1.7
16.0–16.4	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.4
16.5–16.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.1	0.2	0.4
17.0–17.4	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3
17.5 and more	0.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	1.0
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.6	0.3	1.2	1.3	0.5	1.2	0.1	0.9	0.0	1.2	0.0	0.0	0.0
11.5–11.9	5.6	4.5	9.6	8.5	10.5	3.7	6.6	7.9	4.3	4.4	1.5	2.6	0.6
12.0–12.4	15.2	14.4	22.0	21.7	19.6	14.1	22.9	19.3	13.3	7.5	10.4	7.3	4.3
12.5–12.9	25.6	18.1	21.8	35.2	28.9	31.2	29.4	31.2	26.3	22.3	19.6	12.2	15.1
13.0–13.4	21.1	18.0	19.8	21.6	22.3	24.4	24.2	21.5	23.2	20.8	16.8	18.9	13.1
13.5–13.9	12.5	13.3	14.3	4.6	10.1	9.5	7.9	8.0	15.5	19.4	16.8	15.5	14.5
14.0–14.4	8.4	10.1	4.5	6.6	5.4	7.7	5.0	5.9	7.4	12.0	12.7	14.8	15.7
14.5–14.9	4.6	8.8	3.3	0.0	0.8	2.9	2.8	3.7	3.8	6.1	8.5	8.7	12.3
15.0–15.4	2.3	2.1	1.2	0.2	0.4	1.6	0.0	0.8	2.5	2.6	5.6	4.9	11.2
15.5–15.9	1.2	1.6	1.0	0.0	0.0	1.4	0.9	0.3	0.9	1.4	1.9	3.4	4.4
16.0–16.4	1.0	2.4	0.0	0.0	0.5	0.4	0.2	0.2	1.0	0.9	1.6	5.7	3.3
16.5–16.9	0.6	1.9	0.9	0.0	0.2	0.3	0.0	0.0	0.2	0.7	2.2	1.2	1.4
17.0–17.4	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	1.4	1.8
17.5 and more	1.2	3.9	0.4	0.3	0.9	1.7	0.0	0.4	1.4	0.5	2.4	3.4	2.4
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.4	0.7	1.3	1.0	0.2	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0
11.5–11.9	5.8	5.1	9.7	7.1	12.1	5.2	4.8	8.2	3.9	1.8	1.7	0.8	0.8
12.0–12.4	25.4	13.2	24.9	27.3	38.3	24.4	24.6	30.9	28.7	18.8	11.0	16.1	6.8
12.5–12.9	35.8	23.9	31.3	46.5	28.7	36.2	40.0	36.4	35.4	41.4	40.5	26.0	19.8
13.0–13.4	19.0	18.0	20.5	12.1	12.4	21.2	18.8	15.4	23.1	23.4	22.1	22.3	26.3
13.5–13.9	7.7	12.8	5.3	3.6	4.6	9.8	8.7	6.3	6.0	7.1	9.7	20.6	24.6
14.0–14.4	3.0	8.9	3.0	2.2	1.2	2.7	1.8	1.7	1.6	4.8	7.0	5.8	7.0
14.5–14.9	1.0	4.8	2.3	0.2	0.8	0.0	0.5	0.5	0.8	0.7	2.0	2.2	4.6
15.0–15.4	0.4	1.6	0.1	0.0	0.3	0.5	0.3	0.0	0.0	0.1	1.4	1.8	3.0

See footnotes at end of table.

Table 74. Percent distribution of red cell distribution width in percents for males 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected red cell distribution width cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
15.5–15.9	0.4	1.9	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.2	2.5	2.7	2.5
16.0–16.4	0.2	3.0	0.0	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.9	0.4	0.5
16.5–16.9	0.2	1.7	0.6	0.0	0.0	0.0	0.5	0.0	0.2	0.0	0.0	0.6	0.8
17.0–17.4	0.1	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3
17.5 and more	0.5	2.9	0.3	0.0	0.5	0.0	0.0	0.0	0.0	1.6	1.1	0.6	2.9

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 75. Percent distribution of red cell distribution width in percents for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected red cell distribution width cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	1.2	3.5	5.2	3.8	3.7	0.6	1.0	1.6	0.6	0.6	0.3	0.2	0.1
11.5–11.9	9.8	11.4	22.3	27.4	24.0	16.6	13.2	9.6	9.2	6.1	4.8	5.7	1.3
12.0–12.4	25.4	25.4	34.2	35.4	34.9	35.9	30.8	27.8	25.6	23.4	21.8	17.2	15.0
12.5–12.9	27.3	20.7	22.5	19.4	20.4	23.8	27.0	33.7	28.9	29.7	26.7	26.5	22.7
13.0–13.4	17.8	16.4	10.0	11.0	12.4	14.7	14.0	13.7	16.8	19.4	24.1	23.5	25.3
13.5–13.9	8.6	9.9	2.2	2.1	2.8	4.0	7.7	6.7	8.7	8.9	10.4	12.3	15.8
14.0–14.4	4.3	5.7	1.5	0.7	1.4	1.8	2.1	3.1	4.2	3.7	6.5	5.8	9.8
14.5–14.9	2.1	2.3	0.9	0.0	0.2	1.2	1.2	1.3	2.1	3.1	1.6	3.3	4.1
15.0–15.4	1.2	2.2	0.4	0.1	0.1	0.0	1.3	0.8	0.6	1.3	1.3	2.9	2.4
15.5–15.9	0.9	0.6	0.4	0.1	0.0	0.5	0.5	0.8	1.4	1.0	0.6	1.4	1.1
16.0–16.4	0.3	0.3	0.1	0.0	0.1	0.0	0.3	0.1	0.3	0.4	0.4	0.4	0.9
16.5–16.9	0.3	0.6	0.0	0.0	0.0	0.3	0.1	0.3	0.6	0.3	0.6	0.0	0.5
17.0–17.4	0.2	0.3	0.0	0.0	0.1	0.0	0.5	0.2	0.2	0.2	0.2	0.2	0.1
17.5 and more	0.7	0.6	0.2	0.0	0.0	0.6	0.2	0.4	0.8	1.8	0.7	0.7	0.9
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	1.3	4.3	7.0	5.4	4.6	0.6	0.6	2.2	0.7	0.4	0.4	0.1	0.1
11.5–11.9	10.7	11.6	27.5	33.0	28.5	21.1	17.0	9.6	11.5	6.7	5.5	5.6	1.3
12.0–12.4	27.1	28.3	36.7	38.1	35.6	33.0	34.6	29.3	29.4	26.5	24.0	19.0	16.4
12.5–12.9	28.3	21.8	20.8	16.0	18.6	22.4	27.3	37.3	29.5	31.7	26.5	27.8	24.4
13.0–13.4	17.7	15.3	6.8	6.4	10.1	16.1	11.8	13.3	15.9	19.4	24.7	24.1	25.0
13.5–13.9	7.4	9.2	0.3	0.9	1.6	2.6	5.0	5.1	7.0	6.9	10.1	10.4	15.1
14.0–14.4	3.6	5.1	0.5	0.3	1.1	1.4	1.6	1.7	3.2	3.0	5.3	5.3	9.0
14.5–14.9	1.4	1.9	0.2	0.0	0.0	1.6	0.5	0.1	0.8	2.0	0.8	3.0	3.8
15.0–15.4	0.9	1.7	0.0	0.0	0.0	0.0	0.8	0.3	0.3	1.1	1.0	2.8	2.0
15.5–15.9	0.7	0.6	0.2	0.0	0.0	0.0	0.3	0.7	1.2	1.0	0.3	1.0	0.8
16.0–16.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.8
16.5–16.9	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.2	0.2	0.0	0.4	0.0	0.4
17.0–17.4	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.2	0.2	0.2	0.1
17.5 and more	0.4	0.3	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.1	0.5	0.7	0.8
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
11.5–11.9	4.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
12.0–12.4	16.2	18.5	26.3	31.8	26.7	27.1	15.7	16.5	14.6	10.5	11.4	9.3	4.6
12.5–12.9	21.8	23.5	26.4	28.0	29.9	33.4	23.7	23.0	23.4	14.6	18.7	13.9	10.0
13.0–13.4	19.2	21.3	15.8	17.3	15.6	17.4	19.5	18.4	19.6	19.1	22.7	21.6	22.3
13.5–13.9	13.8	10.2	5.3	6.7	7.8	7.3	15.8	14.2	14.7	19.7	13.0	18.3	18.0
14.0–14.4	9.1	7.9	4.1	3.3	4.1	4.8	6.2	9.1	10.0	9.4	12.6	15.0	18.1
14.5–14.9	5.3	3.5	1.7	0.3	0.9	0.6	4.8	5.1	4.6	10.3	7.8	6.9	9.2
15.0–15.4	3.0	4.0	2.1	0.0	0.7	0.2	4.2	3.1	2.1	3.6	4.9	4.4	6.1
15.5–15.9	1.7	1.2	0.6	0.5	0.0	1.3	1.6	0.7	2.0	1.1	2.8	5.1	4.6
16.0–16.4	1.1	0.8	0.3	0.0	0.6	0.0	1.3	0.7	1.7	1.7	0.5	1.5	1.7
16.5–16.9	0.8	1.4	0.0	0.0	0.0	0.3	0.8	0.3	0.8	1.8	2.4	0.3	1.5
17.0–17.4	0.7	0.2	0.2	0.0	0.4	0.0	1.2	1.0	0.8	0.5	0.3	0.3	1.3
17.5 and more	1.8	0.4	0.0	0.0	0.0	0.5	1.1	2.1	2.6	4.3	1.5	1.1	1.7
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 11.5	1.0	2.5	2.5	0.6	3.5	0.7	0.5	0.7	0.5	0.2	0.0	1.7	0.3
11.5–11.9	9.5	15.7	18.6	20.7	19.4	15.8	7.0	6.6	6.4	4.6	4.7	3.0	0.0
12.0–12.4	25.3	18.6	34.7	35.5	28.4	30.0	30.3	30.2	19.7	18.0	20.6	11.1	10.2
12.5–12.9	26.9	21.6	20.0	26.0	27.5	34.7	28.8	28.1	27.1	26.3	25.7	28.7	17.6
13.0–13.4	17.8	18.8	13.8	11.9	13.3	12.0	16.8	15.6	20.9	21.3	21.5	27.3	31.8
13.5–13.9	9.0	7.3	4.9	4.6	7.5	4.7	6.8	8.4	11.9	8.9	15.6	14.7	19.2
14.0–14.4	3.6	5.9	2.9	0.0	0.0	1.1	2.2	3.9	5.0	5.9	2.9	4.6	9.7
14.5–14.9	2.1	1.2	1.7	0.0	0.0	0.9	2.2	2.1	1.2	3.7	5.0	5.3	4.1
15.0–15.4	1.4	3.6	0.1	0.7	0.2	0.0	1.7	1.8	1.4	3.0	0.3	1.1	1.5

See footnotes at end of table.

Table 75. Percent distribution of red cell distribution width in percents for females 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected red cell distribution width cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
15.5–15.9	0.8	0.4	0.0	0.0	0.0	0.0	0.9	1.0	1.9	1.1	0.2	1.1	2.3
16.0–16.4	0.5	1.2	0.4	0.0	0.0	0.0	1.1	0.0	0.7	1.3	1.7	0.2	0.3
16.5–16.9	0.7	0.4	0.3	0.0	0.0	0.0	0.2	0.6	1.9	1.7	0.0	0.4	0.0
17.0–17.4	0.3	0.5	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.6	0.0	0.0	0.3
17.5 and more	1.1	2.3	0.1	0.0	0.2	0.0	1.1	0.8	0.9	3.3	1.6	0.8	2.7

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 76. Percent distribution of platelet count as 10⁹ cells per liter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected platelet count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.3	0.1	0.2	0.0	0.4	0.4	0.4	1.4	1.3	1.3	1.3	2.9	3.3
150–199	8.5	0.3	1.0	0.7	0.7	3.4	5.0	9.7	8.7	11.5	9.8	11.1	16.4
200–249	25.3	4.8	5.5	9.1	14.2	19.7	28.6	28.0	29.9	28.2	25.8	29.5	30.1
250–299	28.6	17.4	17.7	23.5	27.9	31.1	32.6	30.6	30.0	28.2	31.9	28.7	24.9
300–349	19.3	21.8	28.4	28.6	30.6	26.0	20.2	19.0	16.7	16.4	18.2	16.9	13.3
350–399	9.6	22.2	22.9	20.4	14.9	12.5	8.1	7.0	8.6	9.0	7.4	6.0	5.8
400–449	3.7	13.5	13.5	9.5	6.9	4.6	3.1	1.8	2.9	2.4	2.4	1.9	2.3
450–499	1.5	8.5	5.8	4.3	3.5	1.3	0.4	1.2	0.6	0.9	0.8	1.1	0.9
500–549	0.6	5.7	2.6	1.5	0.2	0.1	0.1	0.3	0.3	0.4	0.7	0.6	0.3
550 and more	0.5	4.7	1.7	1.2	0.3	0.0	0.3	0.1	0.2	0.3	0.5	0.4	0.8
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.4	0.0	0.3	0.0	0.4	0.6	0.4	1.3	1.4	1.1	1.0	2.9	3.5
150–199	9.1	0.3	0.9	0.7	0.8	4.0	4.6	10.2	9.0	12.5	9.6	10.9	16.4
200–249	26.9	4.9	5.9	8.8	16.0	21.5	31.4	29.9	32.1	29.0	25.5	30.4	30.1
250–299	28.7	17.5	19.7	24.6	29.2	30.5	32.1	29.4	31.2	27.9	31.9	28.6	24.6
300–349	18.4	21.9	28.6	29.1	30.3	25.2	20.3	18.5	14.5	16.1	19.2	16.4	13.1
350–399	8.9	23.0	22.2	19.1	13.2	12.7	6.8	6.6	8.1	8.4	7.5	5.9	5.9
400–449	3.2	12.9	13.8	9.6	6.0	3.9	2.8	1.7	2.1	2.2	2.2	1.7	2.5
450–499	1.2	8.4	4.5	3.5	3.0	0.9	0.1	1.1	0.3	0.4	0.9	1.2	0.9
500–549	0.5	5.7	2.1	1.5	0.2	0.0	0.0	0.1	0.3	0.4	0.7	0.6	0.3
550 and more	0.4	4.0	1.5	1.5	0.1	0.0	0.4	0.0	0.2	0.3	0.5	0.4	0.7
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.3	0.0	0.0	0.1	0.5	0.2	0.6	1.0	1.6	2.1	1.3	4.1	2.4
150–199	6.9	0.4	1.5	0.5	0.3	3.2	5.1	8.4	9.3	7.8	8.8	9.5	17.4
200–249	19.6	3.4	3.6	9.1	9.1	11.9	22.1	22.3	21.9	25.6	26.3	25.4	26.9
250–299	27.1	13.8	15.5	19.5	23.9	31.2	28.7	30.4	28.2	26.2	35.0	28.2	27.1
300–349	22.1	22.2	28.8	26.3	30.8	31.1	24.4	20.2	21.2	19.9	15.7	18.0	15.6
350–399	12.1	19.6	21.9	26.2	20.6	11.5	11.6	9.9	10.3	9.9	6.2	8.4	5.4
400–449	5.6	16.4	13.1	10.3	9.1	6.5	5.2	3.3	4.2	5.0	3.3	3.0	1.1
450–499	2.5	9.2	7.2	4.3	5.0	2.0	1.0	2.0	1.6	2.2	0.4	1.2	1.2
500–549	1.0	7.2	3.8	1.6	0.0	0.7	0.5	0.8	0.4	0.4	0.5	0.6	0.4
550 and more	0.9	7.5	3.6	1.0	0.6	0.0	0.3	0.5	0.3	0.3	1.1	0.1	1.4
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.0	0.0	0.2	0.0	0.2	0.2	0.5	1.7	0.8	1.4	1.9	2.5	2.2
150–199	6.6	0.4	1.8	0.9	0.0	2.4	6.6	7.7	7.5	9.1	14.3	13.5	16.2
200–249	20.0	4.3	8.6	5.8	8.8	15.0	23.9	25.2	25.8	22.9	19.8	27.3	30.8
250–299	27.6	16.6	19.2	19.4	26.3	29.5	32.2	30.8	28.9	28.0	31.2	27.9	24.1
300–349	21.4	18.3	21.8	27.0	31.1	26.0	19.2	19.9	21.2	22.2	15.4	15.9	16.3
350–399	12.7	23.3	22.4	25.8	17.4	14.7	11.5	9.4	9.0	8.9	9.5	8.2	6.8
400–449	5.4	12.5	12.5	9.6	8.4	6.6	4.3	2.8	4.1	4.1	4.1	2.7	1.9
450–499	2.6	12.2	6.9	7.2	5.1	4.0	0.8	0.7	1.2	1.2	1.0	0.7	0.4
500–549	1.0	5.0	3.8	2.4	0.7	0.0	0.3	0.7	0.1	0.5	1.0	0.1	0.2
550 and more	0.7	6.4	1.9	0.9	1.0	0.5	0.4	0.0	0.3	0.4	0.3	0.1	0.5

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 77. Percent distribution of platelet count as 10⁹ cells per liter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected platelet count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.7	0.2	0.2	0.0	0.3	0.0	0.7	2.0	2.0	1.4	1.2	4.2	4.2
150–199	11.0	0.5	1.2	1.0	0.1	4.1	6.0	12.7	10.0	15.5	13.8	16.7	23.4
200–249	27.4	4.0	5.7	10.0	13.6	17.3	32.4	30.1	33.9	33.0	28.2	31.2	31.8
250–299	29.4	19.1	21.9	22.9	30.9	33.2	34.2	33.4	31.0	27.1	33.8	25.5	22.7
300–349	16.5	22.2	27.7	28.8	27.7	27.8	17.2	14.5	13.7	12.8	13.2	14.4	9.3
350–399	7.6	21.9	23.7	18.8	14.1	10.1	5.9	3.7	6.2	5.7	5.4	3.9	4.2
400–449	3.0	11.9	10.4	9.9	7.2	5.2	2.1	1.0	1.9	1.4	1.9	1.0	1.3
450–499	1.3	8.5	5.2	3.5	4.3	0.8	0.3	0.7	0.3	0.4	0.6	0.9	0.9
500–549	0.6	5.8	2.5	1.6	0.4	0.1	0.1	0.3	0.4	0.5	0.4	0.7	0.1
550 and more	0.4	5.3	0.9	1.9	0.4	0.0	0.1	0.0	0.0	0.1	0.3	0.3	0.8
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.8	0.0	0.3	0.0	0.3	0.0	0.7	2.0	2.3	1.3	1.2	4.3	4.5
150–199	11.6	0.6	1.5	1.3	0.0	5.0	5.0	13.5	9.7	16.5	13.1	16.7	23.8
200–249	28.5	3.3	5.8	8.6	14.3	18.5	34.8	31.3	35.4	33.2	28.1	31.2	31.4
250–299	29.8	18.3	26.2	23.4	34.8	33.4	35.1	32.8	32.7	26.7	34.0	25.7	22.2
300–349	15.5	23.7	27.3	30.8	27.6	27.3	16.7	13.9	11.5	12.3	13.5	13.5	9.5
350–399	6.7	23.9	21.6	17.5	11.4	9.9	4.7	3.0	5.5	5.5	5.7	4.0	4.0
400–449	2.6	10.5	9.9	10.4	6.0	4.2	2.5	0.9	1.6	1.2	2.0	1.1	1.4
450–499	1.0	7.9	4.0	1.8	3.7	0.6	0.0	0.9	0.3	0.2	0.6	1.0	0.8
500–549	0.6	6.0	1.8	2.0	0.4	0.0	0.0	0.0	0.4	0.6	0.4	0.8	0.1
550 and more	0.4	5.3	0.9	2.2	0.3	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.8
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.4	0.0	0.0	0.3	0.6	0.0	1.0	1.0	1.8	3.3	0.8	4.1	2.9
150–199	10.0	0.5	0.9	0.3	0.6	2.5	9.3	12.9	14.7	11.9	11.9	14.9	23.2
200–249	23.3	3.1	4.2	9.1	11.7	13.6	26.1	28.2	27.7	31.6	29.8	31.7	29.3
250–299	27.4	17.0	16.5	20.0	21.8	31.5	30.1	32.5	29.9	26.4	33.9	24.3	23.4
300–349	19.1	20.0	31.2	25.0	28.1	31.2	22.0	14.2	16.1	17.7	12.4	15.5	10.5
350–399	9.7	17.5	21.8	28.8	21.4	10.8	7.4	6.0	6.5	4.1	4.5	6.5	4.5
400–449	4.2	16.9	11.5	8.4	9.6	7.6	1.6	1.5	1.9	3.3	2.2	0.6	0.3
450–499	2.0	9.6	7.4	4.5	5.0	0.4	1.0	0.8	0.3	0.9	0.4	0.7	2.7
500–549	1.0	7.9	3.9	0.8	0.0	0.5	0.6	0.4	0.2	0.3	1.1	0.6	0.5
550 and more	0.8	6.9	1.7	1.7	0.8	0.0	0.7	0.0	0.1	0.0	1.3	0.3	1.6
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.2	0.0	0.2	0.0	0.5	0.4	0.6	1.9	1.6	1.5	1.7	3.4	2.3
150–199	8.5	0.3	1.5	0.8	0.0	2.7	9.1	9.9	9.7	13.2	20.8	13.0	23.2
200–249	23.5	6.1	8.6	8.0	9.9	14.5	29.9	30.3	27.6	28.4	23.7	34.6	31.9
250–299	28.5	14.8	18.5	20.0	28.7	29.4	31.9	29.8	33.7	30.7	28.4	30.0	23.4
300–349	19.0	17.7	25.2	28.7	27.3	27.4	15.4	18.4	17.6	14.9	11.2	12.5	11.9
350–399	10.6	23.2	20.6	23.5	17.9	13.0	9.7	6.2	6.8	7.4	8.0	4.0	5.1
400–449	3.9	11.3	13.1	9.2	6.8	7.4	2.4	1.8	1.1	2.1	2.3	0.9	0.3
450–499	2.3	12.6	6.7	6.7	5.6	3.7	0.7	0.1	0.7	0.3	1.5	0.7	0.4
500–549	0.9	4.5	3.7	1.5	1.1	0.0	0.0	0.9	0.2	0.0	1.4	0.0	0.4
550 and more	0.6	7.7	1.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.3

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 78. Percent distribution of platelet count as 10⁹ cells per liter for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected platelet count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.0	0.0	0.2	0.0	0.4	0.9	0.1	0.7	0.6	1.3	1.3	1.8	2.7
150–199	6.2	0.1	0.7	0.2	1.3	2.6	4.0	6.8	7.4	7.7	6.1	6.3	11.8
200–249	23.2	5.7	5.3	8.2	14.7	22.4	24.8	25.9	26.0	23.5	23.6	28.1	28.9
250–299	27.8	15.4	13.2	24.3	24.9	28.8	31.0	27.8	29.0	29.2	30.1	31.4	26.4
300–349	21.9	21.3	29.0	28.3	33.5	23.9	23.2	23.4	19.7	19.8	22.9	19.1	15.9
350–399	11.6	22.5	22.0	22.3	15.7	15.1	10.2	10.2	10.9	12.1	9.4	7.8	6.9
400–449	4.4	15.2	16.8	9.0	6.5	3.8	4.2	2.7	3.9	3.4	2.9	2.7	3.0
450–499	1.8	8.6	6.4	5.1	2.7	1.8	0.5	1.6	1.0	1.3	1.1	1.3	1.0
500–549	0.6	5.7	2.6	1.3	0.0	0.1	0.1	0.3	0.3	0.4	0.9	0.5	0.5
550 and more	0.6	4.0	2.5	0.5	0.1	0.1	0.6	0.1	0.4	0.4	0.6	0.4	0.7
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.9	0.0	0.2	0.0	0.6	1.3	0.1	0.6	0.4	0.8	0.8	1.6	2.8
150–199	6.7	0.0	0.2	0.0	1.7	2.7	4.3	7.1	8.3	8.4	6.2	5.8	11.5
200–249	25.3	6.8	6.0	9.1	17.7	25.2	28.1	28.6	28.6	24.7	23.1	29.6	29.2
250–299	27.6	16.6	12.5	26.0	23.6	26.8	29.1	26.2	29.7	29.1	30.0	31.1	26.2
300–349	21.2	19.8	30.0	27.1	32.9	22.6	23.7	22.9	17.5	20.0	24.5	19.0	15.5
350–399	11.0	22.1	22.9	21.1	15.0	16.2	8.9	10.0	10.8	11.4	9.1	7.7	7.1
400–449	3.8	15.7	18.1	8.7	6.1	3.6	3.1	2.5	2.7	3.1	2.4	2.3	3.2
450–499	1.4	9.0	4.9	5.6	2.4	1.2	0.2	1.4	0.4	0.7	1.2	1.4	1.0
500–549	0.5	5.3	2.4	0.9	0.0	0.0	0.0	0.2	0.2	0.3	1.0	0.5	0.5
550 and more	0.5	2.5	2.1	0.6	0.0	0.0	0.8	0.0	0.4	0.5	0.6	0.5	0.7
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	1.1	0.0	0.0	0.0	0.3	0.4	0.1	1.0	1.4	1.0	1.7	4.1	2.0
150–199	4.3	0.3	2.1	0.7	0.0	3.8	0.8	4.6	4.8	4.6	6.2	5.6	13.7
200–249	16.4	3.6	3.1	9.0	6.5	10.4	18.1	17.3	17.1	20.8	23.4	21.0	25.4
250–299	26.8	10.7	14.4	19.0	26.0	31.0	27.3	28.6	26.7	26.1	35.9	30.9	29.5
300–349	24.6	24.4	26.4	27.5	33.4	31.1	26.9	25.3	25.4	21.6	18.4	19.7	18.8
350–399	14.1	21.7	22.0	23.7	19.8	12.1	15.8	13.3	13.5	14.5	7.7	9.7	6.0
400–449	6.8	15.9	14.7	12.2	8.5	5.6	8.7	4.8	6.0	6.4	4.1	4.8	1.7
450–499	2.9	8.7	7.0	4.1	5.0	3.5	1.0	3.0	2.6	3.2	0.3	1.5	0.2
500–549	1.0	6.4	3.7	2.4	0.0	0.9	0.4	1.0	0.6	0.5	0.0	0.7	0.3
550 and more	1.0	8.1	5.5	0.4	0.5	0.0	0.0	0.9	0.4	0.6	1.0	0.0	1.3
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.7	0.0	0.3	0.0	0.0	0.0	0.5	1.4	0.0	1.3	2.1	1.9	2.0
150–199	4.4	0.5	2.0	1.0	0.0	2.2	3.8	5.0	5.2	4.8	8.1	13.9	9.4
200–249	16.2	2.4	8.6	3.7	7.6	15.4	17.4	18.8	23.9	17.1	16.1	21.7	29.7
250–299	26.7	18.5	19.9	18.8	23.5	29.6	32.5	32.0	23.6	25.2	34.0	26.2	24.9
300–349	24.0	18.9	18.4	25.3	35.6	24.9	23.3	21.8	25.1	29.9	19.4	18.5	20.8
350–399	15.0	23.4	24.3	28.1	16.8	16.2	13.5	13.6	11.4	10.4	11.0	11.4	8.5
400–449	7.0	13.7	11.8	10.1	10.3	6.0	6.4	4.1	7.3	6.3	5.8	4.1	3.5
450–499	3.0	11.7	7.0	7.6	4.7	4.2	0.9	1.5	1.7	2.1	0.5	0.7	0.3
500–549	1.1	5.6	4.0	3.3	0.2	0.0	0.6	0.6	0.1	1.1	0.6	0.1	0.0
550 and more	0.9	5.0	2.8	0.3	0.8	0.9	0.8	0.1	0.7	0.8	0.0	0.1	0.7

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 79. Percent distribution of white blood cell count as 10⁹ cells per liter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected white blood cell count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.2	0.0	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.4	0.4	0.3	0.3
3.0–3.9	2.1	0.6	1.2	1.3	1.8	2.0	2.6	2.5	2.0	2.3	2.2	2.7	1.8
4.0–4.9	8.9	2.2	6.9	5.0	11.0	11.4	6.7	9.4	9.4	8.9	10.6	8.3	9.2
5.0–5.9	17.5	8.1	11.5	16.2	16.9	14.9	18.5	17.0	18.6	19.0	18.3	18.8	18.1
6.0–6.9	20.3	14.8	19.0	19.3	21.3	23.7	20.2	18.9	20.0	20.8	20.1	23.7	20.8
7.0–7.9	18.5	16.3	19.7	21.9	20.3	20.3	19.1	16.9	17.5	18.5	19.5	17.5	19.9
8.0–8.9	13.3	18.3	16.9	15.8	12.6	11.2	15.0	13.6	13.0	12.9	10.1	13.4	13.4
9.0–9.9	8.5	14.0	9.0	10.0	9.2	7.6	6.5	10.0	7.9	7.8	8.6	8.0	7.6
10.0–11.9	7.2	15.5	11.4	7.0	4.2	6.6	8.0	7.9	7.6	6.5	7.6	4.2	6.0
12.0–13.9	2.4	6.9	3.1	2.3	1.8	1.5	2.3	2.9	2.8	2.1	1.5	1.9	1.9
14.0–15.9	0.6	2.3	0.7	0.6	0.6	0.5	0.7	0.5	0.5	0.6	0.6	0.6	0.4
16.0 and over	0.4	0.8	0.4	0.3	0.1	0.3	0.3	0.3	0.5	0.2	0.5	0.6	0.7
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.1	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.4	0.1	0.3	0.2
3.0–3.9	1.7	0.4	0.9	0.6	1.1	1.1	1.3	2.6	1.4	1.6	1.9	2.5	1.3
4.0–4.9	8.2	1.4	6.7	3.8	9.4	11.6	5.0	8.3	9.3	8.3	10.3	7.4	7.9
5.0–5.9	17.4	7.2	10.3	16.2	14.4	11.8	17.7	16.9	19.3	19.2	18.5	19.1	17.9
6.0–6.9	20.6	15.6	18.5	18.5	23.0	26.3	21.1	18.7	19.3	20.9	20.2	24.0	21.2
7.0–7.9	19.0	16.7	20.7	22.4	22.0	20.8	19.9	16.8	17.7	19.5	19.5	17.8	20.3
8.0–8.9	13.6	19.5	18.3	17.1	13.8	11.6	15.6	13.1	13.4	13.2	10.2	13.7	13.9
9.0–9.9	8.9	13.2	9.1	10.3	10.7	8.5	7.3	11.1	8.3	7.7	9.0	8.0	7.9
10.0–11.9	7.1	16.2	11.6	7.9	3.1	5.9	8.2	8.5	7.2	6.1	7.5	4.0	6.1
12.0–13.9	2.5	7.6	3.2	2.0	1.6	1.6	2.6	3.1	3.1	2.3	1.6	2.0	2.0
14.0–15.9	0.6	1.8	0.3	0.6	0.7	0.5	1.0	0.7	0.3	0.6	0.7	0.7	0.4
16.0 and over	0.4	0.6	0.4	0.4	0.1	0.3	0.2	0.2	0.5	0.2	0.6	0.5	0.8
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.7	0.1	0.2	0.6	1.2	0.6	0.5	0.5	0.7	0.7	0.8	0.9	1.2
3.0–3.9	5.9	1.7	3.4	4.4	6.0	8.4	8.8	4.8	7.0	6.5	5.7	5.2	5.4
4.0–4.9	16.1	5.3	10.8	12.6	18.7	16.9	16.3	16.2	16.0	18.8	16.2	18.1	18.9
5.0–5.9	20.4	12.7	17.6	17.5	20.8	25.7	22.0	21.6	20.1	20.5	16.8	22.6	22.3
6.0–6.9	18.8	18.2	20.2	21.4	18.2	17.1	19.1	18.4	18.9	16.7	20.3	20.2	19.3
7.0–7.9	15.2	17.0	15.7	18.0	16.8	14.4	15.1	14.7	14.1	14.5	18.9	14.2	13.3
8.0–8.9	9.4	14.6	13.4	10.6	9.5	7.4	10.2	9.3	9.3	8.6	6.9	7.7	9.4
9.0–9.9	6.0	11.8	7.7	7.8	3.9	3.7	4.1	7.3	5.5	5.8	5.9	5.4	5.9
10.0–11.9	5.5	12.6	8.6	5.6	3.9	2.9	2.2	5.4	6.1	6.3	7.3	3.9	3.6
12.0–13.9	1.4	4.1	1.9	1.1	1.0	2.0	1.3	1.1	1.6	1.0	0.9	1.5	0.6
14.0–15.9	0.3	1.8	0.4	0.2	0.2	0.0	0.3	0.3	0.1	0.5	0.5	0.1	0.0
16.0 and over	0.3	0.1	0.0	0.3	0.0	0.7	0.3	0.4	0.4	0.2	0.0	0.4	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0
3.0–3.9	1.0	0.1	0.7	0.8	1.6	0.6	0.5	1.0	1.0	1.3	2.1	1.2	1.0
4.0–4.9	5.1	2.0	3.2	4.1	5.8	5.7	5.5	6.3	5.0	4.0	4.8	5.1	6.8
5.0–5.9	14.0	5.1	9.8	8.9	16.1	18.3	10.6	15.6	14.9	15.7	15.7	13.6	18.0
6.0–6.9	20.3	11.3	17.5	14.4	17.8	18.9	23.5	19.1	23.4	22.0	23.9	23.9	23.6
7.0–7.9	19.4	17.7	18.8	27.6	21.7	18.1	16.9	19.9	17.4	18.5	18.1	23.2	19.8
8.0–8.9	15.7	14.5	18.1	17.3	12.7	16.1	18.9	15.3	14.0	17.7	13.2	14.9	12.7
9.0–9.9	10.1	17.1	10.0	13.1	8.7	7.8	10.3	10.2	8.5	11.4	9.7	7.7	8.5
10.0–11.9	10.3	19.0	13.7	8.9	12.6	11.5	10.9	9.3	9.9	7.0	8.6	8.8	7.8
12.0–13.9	2.9	7.1	5.5	2.1	2.2	1.4	2.3	2.8	3.9	1.4	2.9	0.7	0.9
14.0–15.9	0.9	3.6	1.4	2.4	0.6	1.6	0.4	0.2	1.4	0.4	1.0	0.4	0.3
16.0 and over	0.4	2.5	0.8	0.4	0.0	0.0	0.1	0.1	0.4	0.6	0.0	0.4	0.6

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 80. Percent distribution of white blood cell count as 10⁹ cells per liter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected white blood cell count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.1	0.0	0.1	0.0	0.3	0.2	0.1	0.1	0.1	0.3	0.2	0.1	0.2
3.0–3.9	2.1	0.5	1.5	1.4	2.2	1.8	3.4	2.3	1.9	2.2	2.0	2.2	1.8
4.0–4.9	8.7	2.8	6.9	4.7	12.6	14.1	8.6	9.5	9.2	8.3	9.1	6.1	7.9
5.0–5.9	18.3	7.3	13.2	17.4	16.8	16.8	21.3	18.7	20.0	19.6	17.2	19.9	16.2
6.0–6.9	20.6	14.4	20.6	20.5	21.3	25.7	20.0	21.0	19.0	19.4	20.2	23.4	22.2
7.0–7.9	18.9	17.0	19.6	22.0	17.1	15.8	17.0	19.3	17.9	20.1	20.6	17.0	21.2
8.0–8.9	12.9	19.6	15.4	15.1	14.9	7.6	13.6	11.7	13.9	12.0	9.7	15.2	12.9
9.0–9.9	8.6	12.7	7.8	9.6	9.1	8.8	5.5	9.0	8.2	8.6	9.7	8.6	7.5
10.0–11.9	6.8	15.3	10.5	5.7	3.1	6.2	7.8	6.1	6.9	6.2	8.1	4.8	6.3
12.0–13.9	2.3	7.2	2.8	3.0	1.5	2.3	2.4	1.7	2.2	2.6	1.8	1.7	2.1
14.0–15.9	0.5	2.3	1.0	0.4	0.8	0.7	0.0	0.3	0.3	0.3	0.9	0.2	0.6
16.0 and over	0.4	1.0	0.5	0.2	0.2	0.0	0.3	0.4	0.4	0.3	0.6	0.7	1.0
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.1
3.0–3.9	1.6	0.0	1.6	0.5	1.2	0.5	2.7	2.5	1.0	1.6	2.1	2.2	1.5
4.0–4.9	7.9	1.9	7.7	3.6	10.3	16.0	5.5	9.0	9.4	7.5	8.3	5.3	5.9
5.0–5.9	18.2	7.0	12.4	17.3	15.8	15.2	20.3	18.8	20.9	20.1	16.0	20.3	15.5
6.0–6.9	20.5	15.2	18.8	20.0	22.5	27.5	18.4	20.3	18.4	18.9	21.3	23.6	22.6
7.0–7.9	19.4	18.2	21.6	23.5	18.8	15.3	18.9	20.1	17.6	21.0	20.6	16.4	21.9
8.0–8.9	13.2	20.1	15.8	16.4	16.4	7.5	14.8	10.5	14.2	12.7	9.6	16.5	13.6
9.0–9.9	9.1	11.7	7.4	9.4	11.6	9.7	6.9	10.2	8.9	8.8	10.1	8.4	8.1
10.0–11.9	6.6	15.9	10.5	6.2	1.5	5.2	8.6	6.2	6.7	5.6	8.0	4.7	6.6
12.0–13.9	2.4	7.4	3.5	2.5	0.6	2.6	3.4	1.8	2.2	3.0	2.0	1.8	2.4
14.0–15.9	0.5	2.1	0.5	0.2	1.0	0.6	0.0	0.3	0.3	0.4	1.0	0.2	0.7
16.0 and over	0.5	0.5	0.3	0.2	0.3	0.0	0.4	0.3	0.5	0.3	0.8	0.6	1.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.7	0.0	0.5	0.3	1.7	1.3	0.9	0.6	0.7	0.3	0.4	0.7	1.6
3.0–3.9	6.8	1.9	2.6	5.3	7.9	11.1	10.5	4.4	9.6	7.9	3.7	4.7	6.6
4.0–4.9	17.3	5.5	10.4	13.9	18.5	17.1	22.0	20.1	16.6	19.0	15.7	17.6	19.8
5.0–5.9	21.0	14.4	21.3	18.2	20.8	25.7	20.8	22.0	21.7	19.6	20.1	22.4	22.2
6.0–6.9	19.2	18.2	19.5	21.2	19.4	18.8	21.1	20.2	17.3	17.8	17.2	21.8	19.9
7.0–7.9	14.5	15.1	14.4	17.1	15.7	10.3	13.8	12.7	13.9	14.3	19.1	16.7	15.0
8.0–8.9	8.8	12.1	13.4	10.2	8.6	5.0	8.2	9.5	9.6	7.2	8.1	6.4	6.2
9.0–9.9	5.3	12.7	7.0	6.7	2.5	4.8	1.6	5.8	5.2	5.6	6.0	4.1	4.5
10.0–11.9	4.9	11.7	9.5	6.2	3.6	2.7	0.9	3.8	4.2	6.1	7.7	4.5	4.2
12.0–13.9	1.2	6.2	1.2	0.5	0.8	3.2	0.2	0.7	0.9	1.5	1.5	0.8	0.0
14.0–15.9	0.3	2.1	0.1	0.0	0.4	0.0	0.0	0.3	0.2	0.3	0.5	0.0	0.0
16.0 and over	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.2	0.0
3.0–3.9	1.0	0.0	0.6	0.7	2.4	0.9	0.4	1.0	0.9	0.9	1.4	1.9	1.0
4.0–4.9	5.6	2.1	2.6	3.0	7.7	5.2	8.3	7.0	6.0	4.9	4.8	3.8	2.5
5.0–5.9	16.1	4.1	8.6	10.1	14.9	17.1	14.7	19.0	19.1	17.9	16.6	14.9	21.5
6.0–6.9	20.8	13.3	18.0	16.8	21.3	18.4	28.1	18.5	22.4	22.3	23.3	21.4	24.9
7.0–7.9	19.5	17.0	22.1	27.8	18.9	18.6	15.5	20.2	17.8	19.1	17.4	24.2	23.8
8.0–8.9	15.6	15.8	19.6	18.3	14.8	15.4	15.2	15.5	14.5	16.1	15.7	13.3	13.1
9.0–9.9	9.2	13.8	9.9	14.1	7.2	8.5	8.1	8.4	7.9	11.4	9.4	9.4	5.3
10.0–11.9	8.7	21.2	11.4	5.1	10.1	13.3	8.0	8.2	6.5	6.5	6.9	8.9	6.6
12.0–13.9	2.0	6.5	4.4	1.1	1.7	0.4	1.3	1.5	3.4	0.4	2.5	1.4	0.3
14.0–15.9	0.9	3.2	1.2	2.7	1.1	2.3	0.5	0.2	0.9	0.0	2.0	0.7	0.7
16.0 and over	0.4	3.0	1.1	0.4	0.0	0.0	0.0	0.3	0.5	0.5	0.0	0.0	0.4

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 81. Percent distribution of white blood cell count as 10⁹ cells per liter for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected white blood cell count cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.3	0.1	0.0	0.4	0.1	0.0	0.2	0.0	0.1	0.5	0.5	0.6	0.3
3.0–3.9	2.1	0.8	0.9	1.2	1.5	2.2	1.8	2.7	2.1	2.3	2.3	3.0	1.7
4.0–4.9	9.0	1.6	7.0	5.4	9.3	8.3	4.9	9.2	9.6	9.5	12.1	10.3	10.0
5.0–5.9	16.7	9.1	9.7	14.9	16.9	12.9	15.8	15.3	17.2	18.5	19.3	17.8	19.4
6.0–6.9	20.1	15.2	17.3	17.8	21.2	21.4	20.4	16.9	20.9	22.0	20.0	23.9	19.9
7.0–7.9	18.2	15.5	19.8	21.7	23.5	25.3	21.0	14.5	17.1	16.9	18.5	18.0	19.0
8.0–8.9	13.7	16.9	18.6	16.7	10.4	15.1	16.3	15.4	12.2	13.8	10.6	11.9	13.7
9.0–9.9	8.5	15.5	10.3	10.5	9.3	6.1	7.5	11.0	7.7	7.1	7.5	7.4	7.7
10.0–11.9	7.7	15.7	12.3	8.6	5.3	7.0	8.1	9.8	8.3	6.9	7.1	3.8	5.7
12.0–13.9	2.6	6.5	3.5	1.6	2.2	0.6	2.3	4.2	3.4	1.6	1.3	2.0	1.7
14.0–15.9	0.7	2.4	0.3	0.9	0.3	0.3	1.3	0.8	0.8	0.8	0.3	0.9	0.2
16.0 and over	0.4	0.7	0.3	0.4	0.0	0.6	0.3	0.2	0.5	0.1	0.4	0.5	0.6
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.2	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.6	0.0	0.6	0.3
3.0–3.9	1.7	0.9	0.2	0.7	1.1	1.8	0.0	2.7	1.8	1.6	1.7	2.8	1.1
4.0–4.9	8.4	0.8	5.7	4.1	8.4	6.1	4.4	7.5	9.3	9.2	12.2	9.3	9.3
5.0–5.9	16.6	7.5	8.0	15.0	13.0	7.7	15.1	15.1	17.7	18.2	20.8	18.0	19.5
6.0–6.9	20.7	16.0	18.1	16.6	23.5	24.7	23.8	17.1	20.2	23.0	19.2	24.3	20.3
7.0–7.9	18.5	15.0	19.7	21.1	25.1	27.6	20.8	13.6	17.8	18.0	18.4	19.1	19.3
8.0–8.9	14.0	18.7	21.0	18.0	11.4	16.7	16.4	15.7	12.7	13.7	10.8	11.2	14.1
9.0–9.9	8.6	14.9	11.0	11.3	9.9	7.2	7.7	12.0	7.7	6.5	7.9	7.6	7.8
10.0–11.9	7.6	16.5	12.9	9.8	4.5	6.8	7.8	10.6	7.8	6.6	7.1	3.5	5.7
12.0–13.9	2.6	7.8	2.9	1.4	2.7	0.4	1.7	4.5	4.0	1.6	1.1	2.1	1.7
14.0–15.9	0.7	1.4	0.0	1.0	0.4	0.3	1.9	1.1	0.3	0.9	0.3	1.1	0.3
16.0 and over	0.4	0.7	0.4	0.5	0.0	0.6	0.0	0.1	0.6	0.1	0.5	0.5	0.7
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.6	0.3	0.0	0.9	0.7	0.0	0.0	0.3	0.8	1.1	1.0	1.0	0.9
3.0–3.9	5.2	1.4	4.1	3.5	4.0	6.1	7.0	5.2	4.9	5.3	7.3	5.5	4.6
4.0–4.9	15.0	5.1	11.1	11.3	18.9	16.9	10.6	12.9	15.6	18.6	16.7	18.4	18.4
5.0–5.9	19.9	11.0	13.9	16.7	20.7	25.8	23.2	21.3	18.7	21.2	14.1	22.7	22.3
6.0–6.9	18.5	18.2	20.8	21.5	16.9	15.7	17.1	16.9	20.3	15.8	22.8	19.1	19.0
7.0–7.9	15.9	18.9	17.0	18.8	18.0	17.8	16.3	16.5	14.4	14.7	18.7	12.3	12.2
8.0–8.9	10.0	17.1	13.5	11.1	10.4	9.5	12.3	9.1	9.0	9.7	5.8	8.5	11.6
9.0–9.9	6.7	10.9	8.5	8.8	5.2	2.8	6.6	8.6	5.8	5.8	5.8	6.3	6.8
10.0–11.9	6.1	13.5	7.6	5.0	4.1	3.2	3.4	6.8	7.7	6.5	6.9	3.5	3.2
12.0–13.9	1.5	2.0	2.6	1.6	1.1	0.9	2.4	1.4	2.2	0.7	0.5	1.9	1.0
14.0–15.9	0.3	1.4	0.8	0.4	0.0	0.0	0.6	0.3	0.1	0.5	0.4	0.2	0.0
16.0 and over	0.4	0.2	0.0	0.2	0.0	1.4	0.5	0.7	0.6	0.0	0.0	0.7	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 3.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3.0–3.9	1.0	0.3	0.8	0.9	0.8	0.4	0.7	1.1	1.0	1.7	2.8	0.7	1.0
4.0–4.9	4.4	1.8	3.9	5.1	3.7	6.2	2.4	5.5	3.9	3.2	4.8	6.2	10.9
5.0–5.9	11.8	6.3	11.1	7.8	17.4	19.3	6.1	11.4	10.3	13.3	14.9	12.6	14.5
6.0–6.9	19.7	9.1	17.0	12.1	13.8	19.3	18.5	19.8	24.5	21.7	24.5	25.9	22.4
7.0–7.9	19.2	18.4	15.5	27.5	25.1	17.7	18.4	19.6	17.0	17.8	18.9	22.4	15.8
8.0–8.9	15.7	13.2	16.7	16.4	10.3	16.7	23.0	15.0	13.5	19.4	10.8	16.1	12.2
9.0–9.9	11.1	20.6	10.1	12.1	10.4	7.2	12.7	12.5	9.2	11.5	10.0	6.4	11.7
10.0–11.9	12.0	16.7	16.0	12.5	15.5	10.0	14.2	10.7	13.5	7.6	10.2	8.7	9.1
12.0–13.9	3.7	7.8	6.6	3.1	2.8	2.2	3.4	4.4	4.5	2.4	3.2	0.2	1.5
14.0–15.9	1.0	3.9	1.7	2.0	0.1	1.0	0.3	0.1	2.0	0.7	0.0	0.1	0.0
16.0 and over	0.3	1.9	0.6	0.5	0.0	0.0	0.3	0.0	0.2	0.7	0.0	0.7	0.8

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 82. Percent distribution of granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected granulocyte cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.4	2.5	0.8	0.5	0.9	0.4	0.8	0.1	0.1	0.2	0.4	0.1	0.1
1.25–1.74	1.3	6.0	3.5	1.9	2.5	2.7	0.7	1.1	0.9	1.1	0.7	0.7	0.5
1.75–2.24	3.8	15.0	8.0	5.5	5.8	5.7	3.6	3.0	3.1	3.2	3.0	2.7	2.0
2.25–2.74	8.1	13.8	13.9	11.8	13.2	9.2	6.0	9.0	7.0	6.2	7.3	7.0	6.4
2.75–3.24	10.9	15.4	13.3	13.0	14.7	10.8	10.6	9.0	10.4	10.2	11.8	12.4	8.9
3.25–3.74	13.1	13.9	11.6	12.7	14.2	15.5	11.9	11.5	14.8	13.3	13.0	12.7	12.4
3.75–4.24	13.4	11.4	11.7	14.0	12.8	11.7	11.1	14.0	12.6	14.5	14.0	14.6	14.2
4.25–4.74	12.3	6.2	11.4	11.7	10.6	13.0	14.0	11.8	10.8	12.8	15.2	13.5	13.4
4.75–5.24	10.0	4.2	7.8	8.7	8.1	11.0	11.5	8.3	11.5	9.8	9.5	11.3	12.4
5.25–5.74	7.7	3.6	6.3	7.1	4.7	7.2	8.7	7.7	7.2	10.0	6.3	9.0	8.3
5.75–6.24	5.7	1.7	3.0	4.3	3.8	4.2	5.8	6.9	6.1	6.3	6.4	4.8	6.1
6.25–6.74	3.5	1.5	2.3	2.5	3.4	2.4	3.2	4.8	3.5	3.0	3.1	3.8	4.9
6.75–7.24	2.7	1.5	2.0	1.8	1.8	1.5	3.1	3.2	3.2	2.6	3.1	2.2	3.1
7.25–7.74	2.1	1.0	1.0	1.3	0.7	1.1	2.6	2.7	2.7	2.2	2.1	1.3	2.2
7.75–8.24	1.4	0.8	0.6	1.3	0.2	1.6	1.7	1.7	1.5	1.8	0.9	1.0	1.9
8.25–8.74	1.1	0.3	1.5	0.9	0.2	0.3	1.1	2.1	1.2	0.6	1.3	1.0	0.7
8.75–9.24	0.7	0.3	0.4	0.2	0.5	0.8	0.8	0.8	1.1	0.4	0.4	0.7	0.9
9.25 and more	1.8	1.0	0.9	0.9	1.9	0.9	2.8	2.3	2.2	1.8	1.6	1.3	1.8
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.1	1.7	0.1	0.0	0.5	0.0	0.2	0.0	0.0	0.1	0.1	0.0	0.0
1.25–1.74	0.6	5.1	2.6	0.5	0.5	1.8	0.0	0.6	0.3	0.6	0.2	0.4	0.3
1.75–2.24	2.8	15.5	7.6	4.9	3.5	5.2	2.3	2.3	2.2	1.9	2.1	1.7	1.3
2.25–2.74	7.3	15.2	14.0	11.3	13.2	9.5	4.5	8.2	6.4	4.9	7.0	6.6	5.1
2.75–3.24	10.5	15.6	13.8	13.1	14.9	9.2	9.3	7.9	10.5	10.1	12.0	12.1	8.5
3.25–3.74	13.4	14.1	12.2	12.5	15.0	16.1	11.5	11.5	15.5	14.0	13.2	12.7	12.4
3.75–4.24	13.7	12.4	11.4	13.8	13.8	12.4	11.7	14.4	12.4	15.2	13.4	14.7	14.4
4.25–4.74	12.9	6.0	12.0	13.1	12.9	14.6	15.5	12.6	10.5	13.2	15.5	13.5	13.8
4.75–5.24	10.6	3.1	7.5	8.6	8.8	12.2	12.5	8.0	12.3	10.6	10.0	12.4	13.0
5.25–5.74	8.2	3.1	7.9	8.2	4.7	6.6	9.6	7.9	7.8	10.8	6.6	9.6	8.5
5.75–6.24	6.0	1.6	2.6	4.8	3.7	4.5	6.4	7.6	6.2	6.6	7.0	5.1	6.2
6.25–6.74	3.5	1.6	2.7	3.0	3.2	1.6	3.5	4.7	3.3	2.7	2.9	3.6	5.3
6.75–7.24	2.9	1.7	1.9	1.8	1.9	1.7	3.8	3.2	3.7	2.3	3.2	2.2	3.3
7.25–7.74	2.1	1.1	0.7	1.5	0.6	1.1	2.7	3.2	2.5	1.9	2.2	1.4	2.3
7.75–8.24	1.5	0.9	0.4	0.9	0.1	1.4	1.7	1.9	1.6	2.0	1.0	1.1	2.0
8.25–8.74	1.2	0.4	1.4	1.0	0.1	0.2	0.9	2.5	1.4	0.6	1.4	1.1	0.8
8.75–9.24	0.7	0.3	0.2	0.1	0.4	0.8	0.7	0.7	1.3	0.4	0.3	0.6	0.9
9.25 and more	2.0	0.5	0.9	0.9	2.0	0.8	3.5	2.6	2.1	2.1	1.8	1.4	1.9
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	1.7	7.3	4.2	2.1	3.4	2.8	2.2	0.6	1.0	0.7	0.8	0.6	1.3
1.25–1.74	6.2	13.2	8.8	10.2	10.4	9.6	4.7	4.6	5.7	5.2	4.9	3.7	3.1
1.75–2.24	11.4	17.5	14.0	10.1	14.3	11.7	13.0	8.8	9.0	14.5	11.7	11.9	7.7
2.25–2.74	14.3	13.8	15.6	15.2	16.4	14.5	14.2	14.1	15.3	14.6	9.6	12.4	15.3
2.75–3.24	13.5	13.2	12.8	12.6	13.9	12.9	14.5	14.2	12.6	11.0	14.1	17.6	15.1
3.25–3.74	12.4	10.3	14.3	13.6	10.7	16.1	9.4	12.8	12.5	12.1	12.5	12.5	11.8
3.75–4.24	10.3	7.2	8.6	8.0	10.2	6.9	11.7	10.6	10.1	9.7	12.2	13.1	12.6
4.25–4.74	8.6	5.8	5.7	7.6	5.5	7.1	8.2	8.8	10.3	10.0	10.2	9.2	8.8
4.75–5.24	5.9	4.1	4.9	6.7	3.9	6.5	6.4	6.2	6.5	5.0	7.4	5.8	5.3
5.25–5.74	4.2	2.0	2.6	5.4	4.2	3.6	5.4	4.5	3.7	4.1	4.4	4.1	6.3
5.75–6.24	3.3	1.5	2.4	2.7	2.5	2.3	3.1	3.6	3.7	4.1	4.3	2.5	4.4
6.25–6.74	2.6	1.3	1.7	1.5	1.5	1.1	2.1	3.9	3.1	2.1	3.2	2.2	2.9
6.75–7.24	1.9	1.1	0.9	1.2	1.0	0.6	0.8	3.0	2.2	3.5	1.3	1.4	0.8
7.25–7.74	1.3	0.2	1.1	1.2	0.9	1.1	1.5	1.7	1.2	1.4	1.0	0.6	1.7
7.75–8.24	0.8	0.4	0.6	0.2	0.4	1.1	0.2	1.0	1.3	0.6	0.5	0.9	0.6
8.25–8.74	0.5	0.1	0.4	0.7	0.1	0.4	0.2	0.5	0.5	0.4	0.8	0.4	0.7
8.75–9.24	0.5	0.4	0.7	0.5	0.4	0.5	0.5	0.2	0.7	0.3	0.6	0.7	0.9
9.25 and more	0.8	0.6	0.5	0.6	0.4	1.2	1.9	1.0	0.8	0.6	0.5	0.4	0.7

See footnotes at end of table.

Table 82. Percent distribution of granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected granulocyte cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.2	0.8	0.5	0.4	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
1.25–1.74	0.7	3.2	2.3	0.6	1.6	0.2	0.4	0.2	0.3	0.5	0.3	0.3	0.0
1.75–2.24	2.4	10.2	3.0	4.9	1.7	1.8	1.3	2.4	1.7	1.2	1.9	1.2	0.9
2.25–2.74	5.7	9.4	10.5	3.0	13.0	5.5	4.2	5.6	3.8	5.2	3.4	2.6	3.5
2.75–3.24	9.6	16.8	12.9	11.0	12.3	12.1	6.8	8.1	9.2	8.1	9.7	9.0	6.1
3.25–3.74	13.0	12.0	11.3	12.6	13.4	14.1	11.3	13.9	13.3	13.3	13.3	11.7	13.9
3.75–4.24	13.9	12.3	16.9	15.5	12.9	14.5	14.0	11.8	12.8	15.6	15.8	17.6	13.6
4.25–4.74	12.9	10.4	10.6	14.0	9.7	13.3	11.8	12.5	14.8	12.6	14.4	16.3	15.7
4.75–5.24	10.3	6.9	6.7	10.1	8.5	10.0	9.4	11.1	10.2	11.0	12.3	13.6	14.0
5.25–5.74	8.6	6.6	8.7	7.9	7.1	7.3	9.8	8.8	8.2	10.2	7.4	9.8	11.4
5.75–6.24	6.3	3.0	4.3	7.0	5.1	4.5	11.0	6.6	5.8	7.3	5.5	5.3	6.2
6.25–6.74	4.5	1.9	2.3	3.0	5.3	5.5	4.8	5.4	5.5	4.6	2.3	2.3	4.4
6.75–7.24	3.6	1.1	2.0	4.3	4.1	2.7	4.0	4.1	3.0	3.5	5.5	4.5	2.7
7.25–7.74	2.2	1.3	0.9	1.1	1.9	2.0	3.5	2.2	2.4	2.2	3.4	1.7	3.1
7.75–8.24	1.8	0.8	2.2	1.0	1.3	2.3	2.8	2.1	1.6	1.6	0.9	2.1	0.3
8.25–8.74	1.3	0.4	1.6	1.0	0.6	0.7	1.6	2.0	1.4	0.7	0.9	0.4	1.9
8.75–9.24	1.1	0.3	1.2	0.2	0.2	1.7	1.6	1.5	1.2	1.0	0.6	0.4	1.2
9.25 and more	2.2	2.6	2.3	2.5	0.9	1.8	1.6	1.5	4.4	1.5	2.5	1.2	1.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 83. Percent distribution of granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected granulocyte cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.3	2.5	0.6	0.6	0.5	0.3	0.5	0.1	0.1	0.3	0.0	0.1	0.2
1.25–1.74	1.3	5.9	4.1	1.6	3.4	4.1	0.8	0.8	1.0	0.8	0.3	0.3	0.4
1.75–2.24	4.0	13.2	8.0	5.8	5.3	7.9	5.3	3.2	2.6	3.1	3.1	2.7	1.3
2.25–2.74	7.9	14.8	14.9	11.8	14.5	10.3	7.9	8.7	6.5	6.3	5.4	3.4	5.6
2.75–3.24	11.1	16.7	14.5	13.3	15.7	9.7	14.0	9.1	11.6	9.6	10.7	11.0	7.4
3.25–3.74	13.7	13.7	12.8	12.2	13.9	17.2	10.1	13.7	16.7	13.4	12.0	12.5	12.2
3.75–4.24	13.9	11.1	11.2	16.2	12.2	13.5	11.0	14.7	12.5	14.8	14.2	17.6	15.2
4.25–4.74	12.5	5.8	9.1	12.2	9.7	12.9	11.7	14.6	9.7	12.3	17.3	13.9	14.1
4.75–5.24	10.5	4.0	8.7	9.1	8.5	7.5	13.4	8.1	12.9	11.6	9.7	13.0	10.6
5.25–5.74	7.4	2.9	5.0	6.7	5.7	4.2	6.9	8.2	7.0	10.4	6.0	8.4	9.1
5.75–6.24	5.5	1.8	2.3	3.0	3.7	5.0	5.2	6.7	5.6	6.0	6.7	5.1	7.2
6.25–6.74	3.2	2.6	2.1	1.6	3.2	1.0	2.8	4.3	3.6	1.8	3.5	4.4	4.5
6.75–7.24	2.2	2.0	1.3	1.7	1.1	1.3	2.4	1.1	2.7	2.6	3.5	2.4	3.0
7.25–7.74	2.1	0.7	1.4	0.8	0.2	0.4	2.8	2.4	2.7	2.6	2.7	1.8	2.3
7.75–8.24	1.2	0.4	0.6	1.4	0.1	2.3	1.2	1.1	1.3	1.2	0.9	1.3	2.6
8.25–8.74	0.9	0.5	2.4	0.5	0.1	0.3	1.1	1.6	0.7	0.6	1.1	0.9	1.0
8.75–9.24	0.6	0.3	0.4	0.3	0.5	1.2	0.8	0.4	0.8	0.5	0.6	0.5	1.0
9.25 and more	1.6	1.0	0.7	1.2	1.7	0.9	2.1	1.2	1.9	1.9	2.3	0.8	2.3
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1
1.25–1.74	0.6	4.8	3.7	0.0	1.1	3.4	0.0	0.5	0.3	0.2	0.0	0.0	0.2
1.75–2.24	3.0	13.5	7.5	4.9	2.9	8.1	4.3	2.6	2.0	1.7	2.1	2.2	0.8
2.25–2.74	6.9	16.9	15.7	11.4	13.9	11.3	5.1	8.4	5.3	5.5	4.6	2.6	3.8
2.75–3.24	10.5	17.7	14.6	13.7	16.1	7.5	12.2	7.5	11.9	9.3	10.5	10.7	6.9
3.25–3.74	14.0	13.6	13.9	11.2	16.5	18.4	8.5	14.2	17.8	13.9	12.2	12.1	12.0
3.75–4.24	14.2	11.5	10.4	16.1	13.5	14.6	11.5	14.7	12.5	15.0	14.0	17.8	15.0
4.25–4.74	13.1	5.8	10.2	14.9	12.0	15.5	13.2	15.8	8.7	12.7	17.0	13.6	14.8
4.75–5.24	11.0	3.0	8.1	10.3	8.5	7.0	15.0	7.4	13.5	12.4	10.3	14.4	11.3
5.25–5.74	8.0	2.2	5.8	7.4	5.7	2.2	8.3	8.4	7.5	11.7	6.5	8.7	9.3
5.75–6.24	6.1	1.6	2.2	3.3	3.4	5.2	6.1	7.7	5.9	6.3	7.6	5.7	7.7
6.25–6.74	3.3	2.9	2.3	1.8	3.6	0.4	3.3	4.7	3.7	1.6	3.0	4.2	4.8
6.75–7.24	2.4	2.8	0.6	2.0	1.0	1.3	3.3	0.5	3.2	2.7	3.7	2.3	3.3
7.25–7.74	2.2	0.6	1.2	0.7	0.0	0.0	3.0	3.1	2.5	2.1	3.1	1.9	2.5
7.75–8.24	1.3	0.0	0.5	0.4	0.0	2.1	1.6	1.1	1.5	1.3	1.0	1.4	2.9
8.25–8.74	1.0	0.7	2.6	0.6	0.0	0.4	0.7	1.7	0.9	0.7	1.2	1.0	1.1
8.75–9.24	0.7	0.3	0.2	0.2	0.7	1.5	0.6	0.5	0.9	0.5	0.7	0.6	1.0
9.25 and more	1.7	0.3	0.4	1.2	1.1	1.0	3.1	0.9	2.0	2.3	2.6	0.8	2.5
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	1.7	7.0	3.4	2.6	3.1	2.7	3.2	0.4	0.7	0.7	0.5	0.9	1.5
1.25–1.74	6.9	14.5	9.5	11.1	10.7	12.2	4.7	3.9	7.9	6.4	3.4	3.9	3.1
1.75–2.24	12.4	17.3	13.7	12.9	16.2	15.1	14.4	10.2	9.5	16.5	9.8	10.6	7.0
2.25–2.74	15.5	13.8	13.8	15.2	17.0	14.9	20.0	15.2	17.3	15.7	9.5	11.8	15.3
2.75–3.24	13.9	12.4	14.9	11.7	18.2	11.2	12.7	16.4	12.3	10.5	16.4	16.3	13.6
3.25–3.74	12.9	10.4	14.1	14.7	10.3	14.6	9.5	13.5	13.2	11.1	14.7	17.1	13.4
3.75–4.24	9.4	5.9	8.9	8.6	6.9	6.6	11.7	10.9	8.1	9.4	7.7	11.4	16.3
4.25–4.74	8.2	5.6	5.1	5.5	4.4	5.1	9.0	8.8	9.8	8.7	12.7	9.1	8.0
4.75–5.24	5.9	3.9	5.0	3.7	4.1	6.1	6.4	5.7	7.7	4.8	8.9	7.2	4.1
5.25–5.74	3.8	2.3	2.3	6.3	2.9	3.2	3.8	4.9	3.2	2.8	3.6	4.0	6.8
5.75–6.24	2.7	0.9	2.1	2.0	1.2	1.1	1.8	3.4	3.1	4.0	3.6	2.1	4.7
6.25–6.74	2.1	2.5	1.5	0.5	2.5	2.1	1.2	2.2	2.3	1.7	5.0	0.9	2.5
6.75–7.24	1.5	1.0	1.4	1.3	0.8	0.4	0.3	1.5	2.1	3.3	0.9	2.4	0.0
7.25–7.74	1.1	0.4	2.0	1.8	1.1	1.8	0.8	1.0	0.8	2.1	0.3	0.3	0.9
7.75–8.24	0.7	0.8	1.1	0.0	0.0	1.5	0.2	1.1	0.6	0.9	0.9	0.7	0.0
8.25–8.74	0.3	0.3	0.4	0.8	0.2	0.0	0.2	0.1	0.2	0.3	0.5	0.4	0.6
8.75–9.24	0.4	0.5	0.5	0.6	0.0	0.9	0.0	0.1	0.5	0.3	0.6	0.7	0.6
9.25 and more	0.6	0.4	0.1	0.6	0.4	0.3	0.1	0.9	0.8	0.7	1.0	0.0	1.7

See footnotes at end of table.

Table 83. Percent distribution of granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected granulocyte cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.2	0.9	0.4	0.5	0.5	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
1.25–1.74	0.5	2.0	1.0	0.4	2.6	0.5	0.2	0.0	0.3	0.2	0.5	0.1	0.0
1.75–2.24	2.7	12.8	3.5	5.4	1.9	1.8	2.1	2.3	1.5	2.0	2.3	1.8	1.0
2.25–2.74	6.5	7.8	9.1	2.7	14.7	5.1	6.7	6.6	5.7	7.0	1.8	2.1	2.3
2.75–3.24	10.5	16.5	14.2	8.7	12.8	12.9	9.5	8.9	12.1	7.9	10.6	7.4	4.5
3.25–3.74	14.4	15.0	9.7	16.7	13.1	16.1	15.0	15.3	14.0	15.3	12.2	12.1	14.5
3.75–4.24	14.4	12.7	21.6	16.1	11.5	13.1	17.6	12.9	12.4	15.9	13.6	16.9	11.6
4.25–4.74	12.5	6.8	10.7	15.2	9.8	14.3	10.0	12.0	15.7	11.1	11.9	17.8	18.9
4.75–5.24	10.6	5.8	7.2	11.6	9.5	10.6	10.6	11.8	8.5	10.9	16.9	10.1	17.7
5.25–5.74	8.5	8.5	8.6	6.7	9.3	4.3	6.5	7.7	9.5	11.1	8.1	12.3	11.1
5.75–6.24	5.4	3.0	2.9	4.8	3.0	5.1	8.0	7.1	3.6	6.5	6.3	4.1	5.3
6.25–6.74	4.3	3.1	2.4	3.7	5.6	5.6	4.0	4.1	5.8	4.0	2.9	3.7	4.2
6.75–7.24	3.0	1.1	1.8	2.2	3.0	3.6	2.5	3.7	2.6	2.9	4.2	5.0	3.4
7.25–7.74	1.9	1.0	0.4	1.2	0.4	2.4	1.7	2.1	2.8	1.6	3.0	2.7	1.4
7.75–8.24	1.3	0.6	1.7	0.3	0.7	1.8	1.5	1.9	0.9	1.5	0.3	1.7	0.3
8.25–8.74	0.8	0.2	0.7	0.0	0.5	0.5	1.5	1.4	0.3	0.2	1.1	0.4	1.5
8.75–9.24	0.9	0.4	1.9	0.4	0.0	0.4	1.5	0.7	1.4	1.1	0.8	0.2	0.9
9.25 and more	1.8	1.8	2.1	3.5	1.1	1.8	1.1	1.2	2.7	0.7	3.6	1.5	1.4

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 84. Percent distribution of granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected granulocyte cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.4	2.5	1.0	0.3	1.4	0.5	1.1	0.1	0.2	0.1	0.8	0.0	0.1
1.25–1.74	1.3	6.1	3.0	2.3	1.6	1.2	0.7	1.3	0.8	1.3	1.0	1.1	0.6
1.75–2.24	3.7	16.9	8.1	5.1	6.3	3.3	1.9	2.8	3.6	3.2	3.0	2.7	2.4
2.25–2.74	8.4	12.6	12.8	11.8	12.0	8.0	4.0	9.3	7.6	6.1	9.2	10.2	6.8
2.75–3.24	10.7	13.9	12.0	12.6	13.7	12.2	7.2	9.0	9.2	10.8	12.9	13.6	9.9
3.25–3.74	12.5	14.0	10.2	13.3	14.4	13.5	13.8	9.3	13.0	13.3	13.9	12.9	12.5
3.75–4.24	12.9	11.8	12.3	11.3	13.5	9.8	11.2	13.3	12.7	14.3	13.8	12.0	13.6
4.25–4.74	12.2	6.7	13.9	11.1	11.4	13.2	16.2	9.1	11.9	13.3	13.1	13.1	12.9
4.75–5.24	9.5	4.4	6.9	8.1	7.7	14.8	9.6	8.6	10.0	8.0	9.3	9.8	13.5
5.25–5.74	8.0	4.3	7.7	7.6	3.7	10.6	10.5	7.3	7.5	9.6	6.5	9.6	7.8
5.75–6.24	5.8	1.7	3.7	5.9	3.9	3.3	6.3	7.0	6.7	6.6	6.1	4.6	5.3
6.25–6.74	3.8	0.3	2.5	3.5	3.5	3.9	3.6	5.3	3.4	4.1	2.7	3.3	5.2
6.75–7.24	3.2	1.0	2.7	1.9	2.5	1.7	3.7	5.1	3.6	2.5	2.8	2.0	3.2
7.25–7.74	2.0	1.2	0.6	1.7	1.2	1.9	2.5	3.0	2.6	1.8	1.5	0.8	2.2
7.75–8.24	1.6	1.3	0.5	1.3	0.4	0.8	2.2	2.2	1.8	2.4	0.9	0.8	1.4
8.25–8.74	1.2	0.1	0.7	1.3	0.2	0.2	1.1	2.6	1.7	0.6	1.5	1.0	0.6
8.75–9.24	0.7	0.2	0.4	0.2	0.5	0.3	0.8	1.2	1.3	0.3	0.2	0.8	0.7
9.25 and more	2.0	1.0	1.2	0.7	2.0	0.9	3.4	3.5	2.5	1.6	1.0	1.6	1.4
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.1	1.8	0.2	0.0	1.1	0.0	0.4	0.0	0.0	0.0	0.3	0.0	0.0
1.25–1.74	0.7	5.4	1.4	1.1	0.0	0.0	0.0	0.8	0.3	1.0	0.3	0.8	0.4
1.75–2.24	2.5	17.9	7.7	5.0	4.2	1.6	0.2	2.0	2.4	2.2	2.0	1.1	1.7
2.25–2.74	7.8	13.2	12.1	11.2	12.5	7.4	3.9	8.0	7.6	4.4	9.2	10.1	6.0
2.75–3.24	10.6	13.2	12.8	12.4	13.8	11.2	6.4	8.3	9.2	11.0	13.5	13.3	9.5
3.25–3.74	12.8	14.8	10.3	14.0	13.5	13.3	14.4	9.0	13.1	14.1	14.1	13.3	12.7
3.75–4.24	13.2	13.4	12.5	11.0	14.1	9.7	11.8	14.0	12.4	15.3	12.9	12.0	14.0
4.25–4.74	12.8	6.2	14.1	10.9	13.7	13.6	17.7	9.6	12.4	13.6	14.1	13.4	13.1
4.75–5.24	10.2	3.2	7.0	6.6	9.1	18.6	9.9	8.6	11.0	8.7	9.7	10.6	14.1
5.25–5.74	8.5	4.1	10.3	9.0	3.7	12.1	10.9	7.5	8.2	9.9	6.6	10.3	8.1
5.75–6.24	6.0	1.6	3.0	6.6	4.0	3.6	6.7	7.5	6.5	6.9	6.5	4.5	5.3
6.25–6.74	3.7	0.0	3.3	4.4	2.9	3.1	3.6	4.7	2.9	3.8	2.8	3.1	5.6
6.75–7.24	3.3	0.6	3.4	1.6	2.8	2.1	4.3	5.8	4.2	1.8	2.8	2.1	3.2
7.25–7.74	2.0	1.7	0.1	2.3	1.3	2.5	2.3	3.3	2.5	1.7	1.4	0.8	2.1
7.75–8.24	1.6	1.9	0.3	1.6	0.2	0.6	1.7	2.6	1.7	2.6	1.0	0.8	1.4
8.25–8.74	1.4	0.0	0.0	1.5	0.3	0.0	1.2	3.2	1.8	0.5	1.7	1.2	0.5
8.75–9.24	0.7	0.2	0.3	0.0	0.0	0.0	0.8	0.9	1.6	0.3	0.0	0.7	0.7
9.25 and more	2.2	0.8	1.3	0.6	2.9	0.6	3.9	4.3	2.2	2.0	1.1	1.9	1.4
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	1.7	7.6	4.9	1.7	3.8	3.0	1.3	0.8	1.2	0.8	1.1	0.4	1.2
1.25–1.74	5.6	11.8	8.1	9.4	10.2	7.5	4.7	5.2	3.9	4.3	6.2	3.5	3.1
1.75–2.24	10.5	17.6	14.2	7.2	12.4	8.9	11.5	7.6	8.5	12.9	13.2	12.8	8.1
2.25–2.74	13.3	13.7	17.4	15.3	15.7	14.1	8.2	13.2	13.6	13.8	9.7	12.9	15.3
2.75–3.24	13.2	13.9	10.6	13.4	9.3	14.4	16.4	12.3	12.7	11.5	12.2	18.4	16.0
3.25–3.74	11.9	10.2	14.5	12.5	11.0	17.4	9.3	12.2	11.8	12.9	10.8	9.2	10.8
3.75–4.24	11.0	8.6	8.3	7.3	13.7	7.1	11.8	10.2	11.8	9.9	15.8	14.3	10.3
4.25–4.74	9.0	6.0	6.3	9.7	6.7	8.7	7.4	8.8	10.8	11.0	8.1	9.3	9.3
4.75–5.24	5.9	4.3	4.7	9.6	3.6	6.8	6.4	6.6	5.4	5.2	6.2	4.8	6.1
5.25–5.74	4.6	1.7	3.0	4.4	5.5	4.0	7.0	4.1	4.2	5.3	5.0	4.1	6.0
5.75–6.24	3.8	2.2	2.6	3.3	3.8	3.3	4.4	3.8	4.2	4.1	4.8	2.8	4.2
6.25–6.74	3.0	0.0	1.9	2.4	0.6	0.3	3.1	5.4	3.7	2.4	1.8	3.2	3.2
6.75–7.24	2.2	1.2	0.5	1.1	1.2	0.8	1.3	4.1	2.3	3.7	1.5	0.6	1.3
7.25–7.74	1.4	0.0	0.2	0.6	0.7	0.4	2.3	2.4	1.6	0.8	1.5	0.8	2.3
7.75–8.24	0.8	0.0	0.2	0.4	0.8	0.8	0.3	0.9	2.0	0.3	0.2	1.0	0.9
8.25–8.74	0.6	0.0	0.4	0.6	0.0	0.7	0.1	0.7	0.8	0.5	1.1	0.4	0.8
8.75–9.24	0.6	0.3	1.0	0.4	0.8	0.1	0.9	0.4	0.8	0.3	0.7	0.7	1.0
9.25 and more	1.0	0.8	1.0	0.6	0.3	1.9	3.7	1.2	0.7	0.4	0.0	0.8	0.0

See footnotes at end of table.

Table 84. Percent distribution of granulocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected granulocyte cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.25	0.1	0.8	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.25–1.74	0.8	4.5	3.5	0.7	0.5	0.0	0.5	0.4	0.4	0.9	0.0	0.5	0.0
1.75–2.24	2.0	7.5	2.6	4.5	1.4	1.8	0.6	2.5	1.8	0.5	1.6	0.6	0.7
2.25–2.74	4.8	11.2	11.8	3.2	11.1	5.7	1.4	4.3	1.8	3.4	4.9	3.0	4.8
2.75–3.24	8.7	17.2	11.6	13.3	11.8	11.4	3.8	7.2	6.0	8.3	8.7	10.2	7.7
3.25–3.74	11.6	8.7	12.8	8.6	13.8	12.4	7.4	12.0	12.6	11.1	14.3	11.4	13.4
3.75–4.24	13.4	11.9	12.2	14.9	14.4	15.6	10.0	10.5	13.3	15.2	17.8	18.2	15.5
4.25–4.74	13.3	14.4	10.6	12.8	9.6	12.4	13.9	13.1	13.8	14.1	16.9	15.1	12.6
4.75–5.24	9.9	8.1	6.3	8.7	7.3	9.5	8.2	10.2	12.1	11.1	7.9	16.2	10.2
5.25–5.74	8.7	4.5	8.8	9.0	4.4	9.8	13.3	10.2	6.8	9.1	6.8	7.8	11.7
5.75–6.24	7.3	2.9	5.7	9.2	7.6	4.0	14.3	6.0	8.3	8.2	4.8	6.2	7.0
6.25–6.74	4.7	0.7	2.2	2.3	5.1	5.4	5.6	7.1	5.3	5.3	1.7	1.3	4.6
6.75–7.24	4.1	1.0	2.1	6.3	5.4	2.0	5.6	4.6	3.5	4.1	6.8	4.2	2.0
7.25–7.74	2.6	1.7	1.3	1.0	3.7	1.7	5.5	2.3	2.0	2.7	3.9	1.0	4.8
7.75–8.24	2.3	1.0	2.7	1.6	1.9	2.8	4.2	2.5	2.4	1.7	1.5	2.4	0.3
8.25–8.74	1.8	0.5	2.4	2.0	0.7	0.8	1.8	2.8	2.5	1.2	0.7	0.4	2.2
8.75–9.24	1.3	0.1	0.4	0.0	0.4	2.8	1.6	2.6	0.9	0.9	0.3	0.7	1.6
9.25 and more	2.6	3.4	2.6	1.4	0.7	1.9	2.2	1.9	6.4	2.3	1.4	1.0	0.7

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 85. Percent distribution of lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected lymphocyte number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.6	0.0	0.2	0.0	0.3	0.7	0.2	0.2	0.2	0.4	0.4	1.5	2.6
1.00–1.24	2.4	0.1	0.4	0.6	0.4	0.1	1.7	2.1	1.7	3.5	3.3	3.3	6.0
1.25–1.49	5.4	0.1	0.5	1.0	2.0	1.9	4.8	5.8	6.0	5.5	6.5	7.2	11.0
1.50–1.74	10.5	0.5	1.4	2.8	3.5	5.0	10.4	11.5	11.8	13.7	11.5	13.4	14.6
1.75–1.99	14.1	0.6	2.7	5.6	8.3	11.5	15.7	17.0	15.7	15.4	14.4	16.4	17.1
2.00–2.24	14.8	1.5	4.6	9.4	15.2	18.1	17.8	16.1	15.8	16.3	15.1	14.2	14.5
2.25–2.49	13.2	2.0	8.0	11.0	13.4	12.5	17.3	14.5	15.3	12.9	14.0	12.3	10.9
2.50–2.74	11.0	3.3	10.1	14.9	14.0	15.7	11.5	10.0	10.8	11.5	11.9	10.9	7.9
2.75–2.99	8.2	3.6	9.6	13.1	10.6	10.1	8.1	9.5	8.2	6.5	9.0	6.1	5.3
3.00–3.24	6.4	5.5	11.7	9.6	10.5	9.0	6.2	6.1	5.8	6.2	5.4	5.2	3.8
3.25–3.49	3.8	4.6	10.6	10.5	8.9	4.2	2.2	2.2	3.3	3.0	3.0	3.5	2.4
3.50–3.74	2.6	5.9	7.4	5.1	4.2	5.0	2.0	1.8	2.3	2.0	1.8	2.6	1.0
3.75–3.99	1.8	7.3	8.4	5.4	3.6	2.7	0.8	1.4	0.8	1.0	1.1	0.8	0.7
4.00–4.24	1.4	7.7	6.2	4.1	2.6	0.9	0.7	0.8	1.1	0.6	0.8	0.9	0.7
4.25–4.49	0.9	7.6	5.4	3.0	0.7	1.3	0.0	0.2	0.4	0.4	0.6	0.5	0.2
4.50–4.74	0.7	5.7	4.4	1.8	0.8	0.4	0.3	0.3	0.3	0.4	0.5	0.3	0.2
4.75–4.99	0.5	5.8	2.3	0.7	0.6	0.5	0.3	0.2	0.1	0.3	0.5	0.1	0.3
5.00 and more	1.6	38.2	6.3	1.6	0.4	0.4	0.0	0.3	0.2	0.6	0.4	0.7	0.9
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.6	0.0	0.2	0.0	0.5	0.9	0.3	0.0	0.2	0.4	0.4	1.7	2.6
1.00–1.24	2.6	0.1	0.5	0.7	0.3	0.0	1.3	2.3	1.8	3.9	2.9	3.7	5.9
1.25–1.49	6.0	0.0	0.4	1.1	2.6	2.1	5.2	6.6	6.4	5.4	6.8	7.5	11.3
1.50–1.74	11.5	0.6	0.7	2.0	3.3	4.7	10.8	12.8	12.6	15.4	11.7	14.6	14.9
1.75–1.99	14.9	0.4	2.9	5.9	7.5	11.1	15.4	17.5	17.0	15.5	16.1	17.1	17.8
2.00–2.24	15.2	1.3	4.7	8.6	13.1	17.6	18.1	16.8	16.8	17.5	15.7	13.9	14.1
2.25–2.49	13.1	1.3	8.2	10.7	14.1	12.6	17.6	14.1	15.0	12.8	13.7	11.9	10.8
2.50–2.74	10.6	2.8	8.9	14.4	15.3	16.1	12.0	9.2	10.6	10.1	11.7	10.9	8.1
2.75–2.99	7.6	3.3	8.8	12.9	11.6	10.4	7.2	8.9	7.6	6.0	8.6	5.8	4.8
3.00–3.24	5.9	5.2	12.9	10.0	10.5	8.4	6.3	5.5	4.8	5.6	5.2	4.2	3.8
3.25–3.49	3.5	4.4	10.7	13.0	8.1	4.0	2.1	1.6	3.1	2.6	2.6	3.5	2.3
3.50–3.74	2.3	5.7	6.8	4.4	4.1	5.3	2.2	1.4	1.8	1.8	1.6	2.6	0.9
3.75–3.99	1.7	7.2	9.4	5.9	3.9	2.7	0.7	1.6	0.6	0.9	1.0	0.6	0.5
4.00–4.24	1.3	8.7	6.7	4.2	2.9	1.0	0.9	0.8	1.1	0.4	0.7	0.7	0.6
4.25–4.49	0.7	8.0	6.0	2.6	0.5	1.6	0.0	0.1	0.2	0.2	0.3	0.4	0.2
4.50–4.74	0.6	5.5	5.0	1.9	1.0	0.4	0.0	0.3	0.2	0.4	0.4	0.3	0.2
4.75–4.99	0.4	6.3	2.0	0.5	0.5	0.7	0.0	0.3	0.0	0.2	0.3	0.0	0.3
5.00 and more	1.4	39.2	5.4	1.2	0.1	0.4	0.0	0.2	0.2	0.6	0.2	0.6	1.0
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.5	0.0	0.2	0.0	0.0	0.3	0.1	0.4	0.3	0.5	0.9	0.9	3.3
1.00–1.24	1.7	0.0	0.3	0.3	0.3	0.0	1.4	2.0	2.3	1.7	2.1	1.4	6.5
1.25–1.49	4.4	0.1	1.2	1.5	1.6	2.5	5.3	4.0	5.1	5.1	6.5	7.6	7.0
1.50–1.74	8.8	0.6	2.3	3.8	5.6	5.8	12.7	10.0	11.4	8.5	9.7	9.1	13.2
1.75–1.99	12.1	0.8	3.1	6.6	10.1	14.7	16.2	14.1	14.7	12.8	9.8	15.3	10.6
2.00–2.24	13.5	1.8	6.1	13.2	15.3	21.1	13.9	16.3	13.1	11.8	11.5	14.4	16.1
2.25–2.49	13.1	3.6	8.7	12.3	11.8	12.7	13.9	14.3	13.4	15.2	13.0	13.3	14.9
2.50–2.74	11.5	3.9	10.9	12.9	12.2	12.9	11.0	10.9	10.9	14.7	14.4	10.3	7.7
2.75–2.99	9.3	5.1	8.7	9.7	11.6	8.1	10.7	10.4	9.5	7.8	10.0	7.9	8.8
3.00–3.24	7.3	5.3	9.4	10.9	7.9	9.5	6.1	7.3	6.5	8.0	5.6	6.9	4.9
3.25–3.49	4.7	5.0	9.4	6.3	8.5	3.4	4.1	4.1	3.4	4.7	5.6	3.2	2.9
3.50–3.74	3.5	6.6	7.3	5.3	4.6	4.3	2.5	1.6	3.6	3.0	4.1	3.2	1.4
3.75–3.99	2.8	9.3	7.3	5.7	4.4	2.3	1.6	1.8	2.0	1.6	2.1	2.0	1.5
4.00–4.24	1.9	7.6	6.2	3.8	1.4	0.8	0.6	1.4	1.9	1.3	0.6	1.6	0.6
4.25–4.49	1.3	5.5	4.1	3.1	2.3	0.8	0.0	0.5	0.5	1.3	1.8	1.2	0.1
4.50–4.74	1.0	7.8	3.9	1.9	0.2	0.5	0.0	0.4	0.5	0.7	1.2	0.1	0.0
4.75–4.99	0.7	4.6	4.1	1.3	1.1	0.2	0.0	0.0	0.3	0.7	0.5	0.6	0.0
5.00 and more	2.0	32.3	6.6	1.1	1.2	0.2	0.0	0.5	0.6	0.5	0.6	1.1	0.4

See footnotes at end of table.

Table 85. Percent distribution of lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected lymphocyte number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.4	0.0	0.1	0.0	0.0	0.0	0.6	0.4	0.4	0.4	0.5	0.6	3.2
1.00–1.24	1.3	0.0	0.1	0.5	0.5	1.0	0.2	1.9	1.2	1.0	2.7	2.1	7.9
1.25–1.49	3.6	0.0	0.7	0.8	0.9	1.0	3.5	4.7	4.4	4.7	8.4	3.9	8.2
1.50–1.74	8.0	0.5	2.1	3.1	3.4	5.5	9.4	11.0	9.2	9.3	10.4	9.4	14.2
1.75–1.99	12.0	1.8	2.3	5.0	9.3	11.1	16.6	14.9	14.6	12.8	11.4	15.1	14.9
2.00–2.24	13.4	0.5	4.2	9.5	10.5	14.3	19.6	13.7	15.5	14.7	16.3	18.0	16.9
2.25–2.49	13.5	1.8	6.1	11.3	13.6	14.7	14.4	16.3	15.9	14.5	11.5	15.1	8.9
2.50–2.74	11.7	2.9	11.4	11.0	11.1	15.3	13.5	12.1	11.0	14.2	10.3	12.1	6.5
2.75–2.99	9.3	3.6	11.5	12.1	10.9	13.6	8.6	8.6	8.1	10.0	8.9	8.2	8.6
3.00–3.24	7.8	5.5	9.5	11.3	14.9	8.2	6.3	6.7	6.7	7.3	8.2	7.4	3.3
3.25–3.49	5.1	4.8	8.8	9.9	9.8	5.7	2.9	4.2	4.1	5.0	3.3	2.9	1.5
3.50–3.74	3.9	8.0	10.9	7.8	4.5	3.8	2.6	2.2	3.8	2.3	1.8	2.0	1.7
3.75–3.99	2.5	5.0	8.4	3.9	3.2	1.6	1.1	1.4	2.1	1.9	1.5	1.4	1.8
4.00–4.24	1.8	7.5	4.9	5.2	3.3	1.7	0.0	0.9	1.4	0.1	0.8	0.5	1.2
4.25–4.49	1.3	8.9	4.4	2.4	0.7	0.6	0.4	0.5	0.5	0.6	1.4	0.3	0.1
4.50–4.74	1.0	4.8	3.4	2.3	1.5	0.7	0.2	0.2	0.7	0.3	1.4	0.1	0.6
4.75–4.99	0.8	6.5	2.8	1.7	1.1	0.1	0.0	0.2	0.1	0.5	0.4	0.2	0.0
5.00 and more	2.6	38.1	8.3	2.3	0.8	0.9	0.2	0.2	0.2	0.4	0.6	0.7	0.5

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 86. Percent distribution of lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected lymphocyte number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.7	0.0	0.2	0.0	0.2	0.8	0.3	0.3	0.3	0.4	0.9	1.9	3.6
1.00–1.24	2.2	0.2	0.6	0.5	0.3	0.1	1.9	1.2	2.1	2.8	3.1	3.3	7.0
1.25–1.49	5.7	0.2	0.7	1.3	3.2	1.7	5.1	7.3	5.8	5.6	7.7	6.5	11.6
1.50–1.74	10.6	0.6	1.7	3.9	3.9	4.6	10.9	14.8	9.9	12.6	10.4	15.9	14.7
1.75–1.99	14.8	0.5	2.7	6.2	9.1	12.9	16.2	17.7	16.9	17.4	14.8	17.1	17.2
2.00–2.24	14.5	2.0	5.3	8.4	14.0	18.6	18.0	16.2	15.9	14.8	14.9	15.0	14.0
2.25–2.49	12.7	2.4	6.7	11.3	12.4	11.2	14.5	13.5	16.1	13.6	13.4	10.2	9.8
2.50–2.74	11.0	2.4	11.3	15.3	16.0	15.5	13.0	10.0	12.0	8.4	11.5	10.3	8.1
2.75–2.99	8.4	2.4	8.6	13.9	9.9	9.9	7.8	9.2	7.8	7.5	10.9	6.8	5.2
3.00–3.24	6.0	5.2	12.1	8.6	9.5	9.1	5.5	5.1	4.0	7.4	5.3	5.0	2.8
3.25–3.49	4.0	5.1	13.0	10.5	7.4	4.3	2.1	1.1	3.9	3.9	3.1	3.1	2.6
3.50–3.74	2.7	7.7	7.5	5.7	4.2	3.9	2.4	1.6	2.6	1.6	1.5	2.4	1.2
3.75–3.99	1.8	8.2	7.6	5.7	4.7	2.7	1.1	0.8	0.7	1.4	0.8	0.7	0.4
4.00–4.24	1.2	7.6	5.8	2.3	2.6	0.8	1.1	0.3	0.8	0.8	0.4	0.3	0.7
4.25–4.49	0.9	6.6	4.4	2.1	0.5	1.9	0.1	0.2	0.7	0.4	0.3	0.3	0.2
4.50–4.74	0.6	4.4	3.4	1.4	0.9	0.5	0.0	0.2	0.3	0.6	0.5	0.4	0.0
4.75–4.99	0.5	6.1	2.6	0.7	1.0	0.8	0.0	0.2	0.0	0.1	0.1	0.0	0.1
5.00 and more	1.8	38.5	5.6	2.4	0.3	0.8	0.0	0.3	0.2	0.6	0.5	0.9	0.9
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.8	0.0	0.3	0.0	0.3	1.0	0.4	0.0	0.3	0.5	0.8	2.2	3.5
1.00–1.24	2.3	0.3	0.9	0.7	0.3	0.0	1.7	1.1	2.2	3.0	2.4	3.7	7.0
1.25–1.49	6.3	0.0	0.3	1.3	4.4	1.6	5.2	8.8	6.2	5.4	8.3	6.8	11.8
1.50–1.74	11.4	0.6	0.7	3.0	3.1	3.9	10.9	16.9	10.0	14.3	10.5	17.0	15.0
1.75–1.99	15.5	0.3	2.6	6.6	8.2	13.5	14.2	17.8	18.3	17.6	16.3	17.5	17.7
2.00–2.24	14.6	2.2	6.0	7.4	9.8	18.2	18.6	16.1	16.4	15.3	15.3	14.6	13.4
2.25–2.49	12.5	1.6	6.9	11.3	13.1	10.4	13.7	12.5	16.1	14.4	13.2	9.1	9.7
2.50–2.74	11.1	2.3	9.9	15.5	18.6	17.1	14.8	10.4	12.5	7.1	11.1	10.8	8.2
2.75–2.99	8.1	1.5	8.2	15.0	10.6	10.3	7.3	8.5	7.7	7.1	11.0	6.3	4.6
3.00–3.24	5.2	4.7	13.4	9.5	9.8	8.5	5.6	4.2	2.1	6.5	5.4	4.0	2.7
3.25–3.49	3.9	5.1	13.7	12.8	7.7	4.6	1.9	0.7	4.1	3.5	2.7	3.2	2.7
3.50–3.74	2.3	8.4	6.5	4.6	3.4	3.2	3.1	1.2	1.9	1.6	1.0	2.5	1.2
3.75–3.99	1.7	8.4	8.8	6.7	5.3	2.3	1.2	0.8	0.3	1.5	0.7	0.6	0.3
4.00–4.24	1.1	7.9	6.8	1.8	2.9	0.6	1.5	0.2	0.8	0.6	0.4	0.3	0.8
4.25–4.49	0.6	6.3	4.6	0.5	0.3	2.4	0.0	0.2	0.5	0.4	0.0	0.2	0.2
4.50–4.74	0.6	3.8	3.4	0.8	1.0	0.4	0.0	0.2	0.4	0.6	0.5	0.5	0.0
4.75–4.99	0.4	7.3	2.6	0.5	1.1	1.0	0.0	0.2	0.0	0.1	0.1	0.0	0.1
5.00 and more	1.5	39.3	4.5	2.0	0.0	0.8	0.0	0.1	0.3	0.6	0.3	0.7	1.0
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.7	0.0	0.3	0.0	0.0	0.7	0.0	0.5	0.2	0.7	2.0	1.0	6.1
1.00–1.24	1.7	0.0	0.1	0.0	0.3	0.0	2.3	2.3	2.2	1.4	2.3	2.1	5.5
1.25–1.49	5.1	0.3	2.2	2.5	1.9	3.7	7.2	4.6	6.4	5.8	7.3	7.4	7.3
1.50–1.74	10.0	0.9	2.0	3.3	7.2	4.5	15.5	12.4	13.6	8.0	10.0	11.8	15.5
1.75–1.99	13.6	0.7	3.4	5.7	12.7	18.5	20.9	15.2	15.6	14.3	11.7	15.6	13.5
2.00–2.24	13.5	2.1	7.5	13.9	13.8	21.4	13.0	16.1	13.2	14.2	9.5	16.5	15.1
2.25–2.49	12.5	4.6	10.0	14.3	10.3	11.0	13.2	15.9	11.8	12.7	13.7	11.5	12.7
2.50–2.74	10.4	3.6	11.7	14.7	11.4	11.7	8.4	9.1	10.0	12.4	14.0	8.1	9.0
2.75–2.99	8.3	4.3	9.0	5.9	11.4	7.5	7.6	8.8	9.8	6.7	8.5	10.4	5.9
3.00–3.24	7.4	5.6	9.5	9.4	7.9	9.7	4.7	8.0	6.3	9.8	4.9	6.7	6.1
3.25–3.49	4.2	5.4	9.5	6.8	6.9	2.5	3.9	2.3	2.3	5.8	5.5	2.4	1.6
3.50–3.74	3.4	6.6	8.0	6.2	4.6	2.6	1.4	1.5	3.8	2.9	5.0	1.9	0.4
3.75–3.99	2.7	11.1	5.9	4.0	5.6	2.6	1.6	1.0	2.8	0.9	2.6	1.2	1.0
4.00–4.24	1.6	7.5	4.1	4.6	1.3	1.3	0.3	1.0	1.2	1.5	0.4	0.7	0.0
4.25–4.49	1.2	4.3	3.6	3.1	1.7	0.6	0.0	0.2	0.9	0.9	2.2	1.5	0.4
4.50–4.74	0.9	6.9	2.7	3.3	0.4	0.9	0.0	0.6	0.0	1.1	0.3	0.0	0.0
4.75–4.99	0.6	3.8	3.7	1.6	1.1	0.5	0.0	0.0	0.0	0.2	0.0	0.4	0.0
5.00 and more	2.0	32.3	6.7	0.8	1.5	0.4	0.0	0.5	0.0	0.7	0.0	1.0	0.0

See footnotes at end of table.

Table 86. Percent distribution of lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected lymphocyte number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.5	0.3	1.0	0.8	5.1
1.00–1.24	1.4	0.0	0.0	0.0	0.8	1.4	0.3	2.2	1.1	1.4	3.2	2.6	7.3
1.25–1.49	3.8	0.0	1.3	0.6	0.6	0.4	2.9	5.0	5.2	4.5	9.2	4.4	8.8
1.50–1.74	8.5	0.2	3.2	5.1	5.2	4.9	7.4	12.7	9.0	8.6	13.5	8.6	13.2
1.75–1.99	13.5	2.0	2.1	8.3	7.9	10.4	20.3	17.2	14.6	15.1	13.5	17.6	17.4
2.00–2.24	12.9	0.6	3.9	7.2	9.3	14.9	18.0	14.1	14.8	13.9	15.3	17.6	17.9
2.25–2.49	13.9	1.8	5.5	12.5	15.0	12.8	17.2	15.5	17.0	14.8	11.7	13.9	10.6
2.50–2.74	11.0	2.6	12.2	8.3	10.3	14.9	14.2	10.2	11.2	14.0	8.7	11.8	5.7
2.75–2.99	8.8	3.0	10.0	14.5	11.6	9.1	7.8	8.1	7.7	10.4	8.4	8.7	8.0
3.00–3.24	7.9	6.0	11.6	10.1	17.1	10.2	4.9	7.0	7.3	6.5	5.6	6.8	2.3
3.25–3.49	5.1	4.3	9.3	10.7	9.9	8.6	2.8	3.6	3.6	5.8	2.7	2.2	0.6
3.50–3.74	3.4	6.5	12.4	7.2	4.3	4.4	1.9	1.7	2.7	1.2	2.1	1.9	0.9
3.75–3.99	2.1	5.4	7.8	3.3	3.7	1.3	0.6	0.9	2.3	1.4	0.0	1.6	1.4
4.00–4.24	1.5	9.0	5.2	2.3	0.9	2.2	0.0	0.5	1.6	0.0	0.8	0.1	0.8
4.25–4.49	1.4	8.7	5.2	3.3	0.6	0.9	0.8	0.1	0.4	0.5	2.8	0.5	0.0
4.50–4.74	1.1	4.6	2.6	4.2	1.8	1.3	0.2	0.3	0.7	0.5	1.5	0.2	0.0
4.75–4.99	0.6	4.6	1.9	1.0	1.1	0.3	0.0	0.3	0.0	0.4	0.0	0.2	0.0
5.00 and more	2.5	40.7	5.7	1.2	0.0	2.0	0.0	0.2	0.3	0.8	0.0	0.6	0.2

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 87. Percent distribution of lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected lymphocyte number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.4	0.0	0.1	0.0	0.4	0.5	0.2	0.1	0.2	0.3	0.0	1.1	1.9
1.00–1.24	2.6	0.0	0.1	0.6	0.5	0.1	1.4	2.9	1.4	4.2	3.4	3.3	5.3
1.25–1.49	5.2	0.0	0.3	0.6	0.8	2.1	4.5	4.3	6.1	5.4	5.3	7.8	10.7
1.50–1.74	10.4	0.5	1.2	1.5	3.1	5.4	10.0	8.2	13.6	14.7	12.6	11.3	14.5
1.75–1.99	13.4	0.7	2.7	4.8	7.5	10.0	15.2	16.4	14.5	13.5	14.0	15.9	17.0
2.00–2.24	15.0	1.0	3.8	10.5	16.4	17.4	17.7	16.1	15.8	17.7	15.2	13.5	14.9
2.25–2.49	13.8	1.5	9.2	10.7	14.5	14.0	20.0	15.5	14.6	12.1	14.5	14.1	11.7
2.50–2.74	11.0	4.2	8.7	14.4	12.0	15.9	9.9	9.9	9.6	14.4	12.3	11.4	7.8
2.75–2.99	8.0	4.8	10.7	12.1	11.2	10.4	8.4	9.8	8.5	5.6	7.2	5.6	5.4
3.00–3.24	6.8	5.9	11.3	10.8	11.5	8.9	6.8	7.0	7.6	5.0	5.6	5.4	4.4
3.25–3.49	3.7	4.2	8.0	10.5	10.3	4.1	2.3	3.3	2.8	2.2	2.9	3.8	2.3
3.50–3.74	2.6	3.9	7.2	4.3	4.3	6.3	1.7	2.0	2.1	2.3	2.2	2.7	0.9
3.75–3.99	1.8	6.2	9.2	5.0	2.5	2.7	0.5	2.1	0.9	0.6	1.3	1.0	0.9
4.00–4.24	1.6	7.9	6.6	6.1	2.7	1.1	0.3	1.3	1.4	0.4	1.2	1.3	0.6
4.25–4.49	0.9	8.7	6.3	4.1	1.0	0.6	0.0	0.2	0.1	0.3	0.8	0.6	0.2
4.50–4.74	0.8	7.1	5.5	2.3	0.8	0.3	0.6	0.3	0.3	0.2	0.5	0.2	0.3
4.75–4.99	0.5	5.5	2.1	0.7	0.3	0.2	0.5	0.2	0.1	0.4	0.8	0.2	0.4
5.00 and more	1.5	38.0	7.1	0.8	0.4	0.0	0.0	0.2	0.2	0.6	0.2	0.6	0.9
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.5	0.0	0.0	0.0	0.7	0.8	0.1	0.0	0.1	0.4	0.0	1.3	2.1
1.00–1.24	2.8	0.0	0.0	0.7	0.2	0.0	0.9	3.5	1.4	4.8	3.3	3.7	5.2
1.25–1.49	5.7	0.0	0.4	0.7	0.8	2.6	5.3	4.6	6.5	5.4	5.4	8.1	11.0
1.50–1.74	11.6	0.6	0.7	0.9	3.6	5.6	10.7	8.8	15.3	16.6	12.8	12.4	14.8
1.75–1.99	14.4	0.6	3.2	5.1	6.9	8.1	16.6	17.2	15.6	13.4	15.9	16.7	17.8
2.00–2.24	15.8	0.4	3.3	10.1	16.3	16.8	17.6	17.4	17.2	19.8	16.1	13.3	14.6
2.25–2.49	13.6	0.9	9.7	9.9	15.2	15.2	21.5	15.7	13.9	11.2	14.3	14.3	11.4
2.50–2.74	10.2	3.4	7.7	13.2	12.1	14.9	9.1	8.1	8.6	13.2	12.2	11.0	8.0
2.75–2.99	7.2	5.5	9.3	10.5	12.5	10.5	7.1	9.3	7.5	4.9	6.4	5.4	4.9
3.00–3.24	6.5	5.7	12.4	10.7	11.2	8.3	7.1	6.8	7.7	4.6	5.1	4.3	4.5
3.25–3.49	3.2	3.6	7.3	13.1	8.4	3.2	2.2	2.5	2.2	1.8	2.5	3.8	2.1
3.50–3.74	2.3	2.6	7.1	4.1	4.8	7.9	1.3	1.6	1.6	2.1	2.1	2.7	0.8
3.75–3.99	1.6	5.8	10.1	4.8	2.6	3.3	0.2	2.3	0.9	0.3	1.3	0.6	0.6
4.00–4.24	1.5	9.6	6.6	7.0	2.9	1.4	0.2	1.4	1.4	0.3	1.0	1.0	0.4
4.25–4.49	0.8	10.0	7.6	5.2	0.7	0.6	0.0	0.0	0.0	0.1	0.6	0.6	0.2
4.50–4.74	0.7	7.3	6.7	3.1	1.0	0.4	0.0	0.4	0.1	0.2	0.3	0.2	0.3
4.75–4.99	0.4	5.1	1.3	0.5	0.0	0.3	0.0	0.3	0.0	0.3	0.5	0.0	0.5
5.00 and more	1.3	39.0	6.5	0.3	0.2	0.0	0.0	0.2	0.1	0.6	0.1	0.6	1.0
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.3	0.0	0.2	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.0	0.9	1.4
1.00–1.24	1.7	0.0	0.6	0.5	0.2	0.0	0.4	1.8	2.4	1.9	2.0	0.8	7.2
1.25–1.49	3.7	0.0	0.2	0.5	1.3	1.5	3.4	3.6	4.1	4.6	5.9	7.7	6.8
1.50–1.74	7.8	0.3	2.5	4.4	3.9	6.8	10.0	7.9	9.7	8.8	9.4	7.2	11.8
1.75–1.99	10.9	0.9	2.9	7.5	7.6	11.5	11.5	13.2	13.9	11.7	8.2	15.0	8.8
2.00–2.24	13.4	1.5	4.7	12.6	16.8	20.9	14.8	16.5	13.1	9.8	13.1	12.9	16.7
2.25–2.49	13.5	2.6	7.5	10.4	13.3	14.1	14.5	12.9	14.7	17.2	12.4	14.6	16.3
2.50–2.74	12.4	4.2	10.0	11.1	12.9	13.9	13.5	12.5	11.7	16.6	14.8	11.9	6.9
2.75–2.99	10.2	5.9	8.5	13.4	11.8	8.6	13.9	11.7	9.2	8.8	11.3	6.1	10.6
3.00–3.24	7.1	5.0	9.4	12.5	8.0	9.3	7.4	6.7	6.6	6.7	6.1	7.1	4.2
3.25–3.49	5.2	4.6	9.4	5.9	10.2	4.1	4.2	5.6	4.3	3.8	5.7	3.7	3.7
3.50–3.74	3.5	6.7	6.5	4.5	4.5	5.7	3.6	1.6	3.4	3.1	3.3	4.2	2.1
3.75–3.99	2.8	7.5	8.7	7.3	3.1	2.1	1.6	2.5	1.4	2.1	1.7	2.5	1.8
4.00–4.24	2.1	7.7	8.2	3.1	1.6	0.3	0.9	1.8	2.5	1.1	0.7	2.3	1.0
4.25–4.49	1.4	6.7	4.7	3.2	2.9	1.1	0.0	0.8	0.2	1.6	1.5	1.0	0.0
4.50–4.74	1.0	8.7	5.1	0.6	0.0	0.1	0.0	0.2	0.9	0.3	2.0	0.2	0.0
4.75–4.99	0.9	5.3	4.5	1.1	1.1	0.0	0.0	0.0	0.6	1.1	0.9	0.8	0.0
5.00 and more	2.0	32.4	6.4	1.5	0.9	0.0	0.0	0.6	1.0	0.5	1.2	1.1	0.6

See footnotes at end of table.

Table 87. Percent distribution of lymphocytes as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected lymphocyte number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 1.00	0.3	0.0	0.2	0.0	0.0	0.0	0.5	0.3	0.4	0.6	0.0	0.4	1.4
1.00–1.24	1.1	0.0	0.2	0.9	0.2	0.6	0.2	1.6	1.2	0.6	2.1	1.7	8.6
1.25–1.49	3.4	0.0	0.1	0.9	1.2	1.6	4.1	4.3	3.6	5.0	7.7	3.5	7.6
1.50–1.74	7.4	0.7	1.1	1.2	1.3	6.1	11.5	8.8	9.5	10.1	7.4	10.1	15.3
1.75–1.99	10.4	1.5	2.5	1.8	10.9	11.8	12.6	12.0	14.6	10.3	9.4	13.1	12.4
2.00–2.24	13.9	0.3	4.4	11.6	11.9	13.8	21.3	13.2	16.3	15.5	17.3	18.3	15.8
2.25–2.49	13.1	1.9	6.8	10.2	11.9	16.2	11.3	17.2	14.7	14.3	11.3	16.1	7.2
2.50–2.74	12.4	3.1	10.6	13.6	12.1	15.7	12.7	14.4	10.9	14.4	11.9	12.4	7.1
2.75–2.99	9.8	4.1	13.0	9.8	10.1	17.4	9.4	9.3	8.6	9.5	9.4	7.8	9.2
3.00–3.24	7.7	5.0	7.3	12.4	12.3	6.5	7.8	6.3	6.1	8.1	10.8	7.9	4.3
3.25–3.49	5.1	5.4	8.3	9.1	9.8	3.3	3.0	4.9	4.7	4.2	3.9	3.4	2.4
3.50–3.74	4.5	9.7	9.5	8.4	4.8	3.3	3.3	2.9	5.1	3.5	1.6	2.1	2.5
3.75–3.99	2.8	4.7	9.0	4.5	2.6	1.9	1.7	2.1	1.8	2.4	3.0	1.2	2.2
4.00–4.24	2.1	5.9	4.6	8.0	6.1	1.3	0.0	1.3	1.1	0.2	0.8	0.9	1.6
4.25–4.49	1.2	9.1	3.5	1.6	0.8	0.4	0.0	1.0	0.5	0.8	0.0	0.1	0.3
4.50–4.74	0.9	4.9	4.2	0.4	1.3	0.2	0.3	0.1	0.7	0.0	1.4	0.0	1.3
4.75–4.99	1.0	8.5	3.8	2.3	1.0	0.0	0.0	0.0	0.2	0.7	0.9	0.3	0.0
5.00 and more	2.8	35.2	10.9	3.3	1.7	0.0	0.3	0.1	0.0	0.0	1.3	0.8	0.8

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 88. Percent distribution of mononuclear cells as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mononuclear cell number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.4	0.0	0.3	0.2	0.2	0.3	0.2	0.3	0.5	0.6	0.3	0.7	0.6
0.100–0.224	13.7	5.3	11.6	12.7	12.1	15.7	15.2	14.1	15.8	13.3	12.2	12.1	14.6
0.225–0.349	19.3	10.1	15.5	18.5	17.5	16.4	18.1	20.5	19.6	22.8	20.3	18.1	19.0
0.350–0.474	31.5	19.9	26.8	27.2	31.9	35.1	32.6	32.0	32.8	33.0	31.4	31.5	29.6
0.475–0.599	15.0	17.7	14.2	15.7	13.8	13.5	16.0	15.8	14.2	14.2	16.0	16.1	13.8
0.600–0.724	12.0	20.7	16.7	12.6	14.4	10.7	11.5	10.7	10.8	10.3	11.8	13.5	13.1
0.725–0.849	3.6	8.7	6.0	4.7	4.1	3.9	3.1	3.3	2.7	3.3	3.5	3.4	3.6
0.850–0.974	2.2	8.4	3.7	3.8	2.6	1.7	1.6	1.7	1.2	1.6	2.4	2.9	2.8
0.975–1.099	0.8	2.4	2.1	1.4	1.1	1.7	0.4	0.6	0.7	0.4	0.7	0.6	0.8
1.100 and more	1.5	6.8	3.0	3.4	2.1	0.9	1.2	1.0	1.5	0.4	1.3	1.2	2.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.4	0.0	0.5	0.1	0.2	0.0	0.2	0.2	0.5	0.7	0.3	0.8	0.3
0.100–0.224	13.1	4.8	9.1	11.5	9.0	14.6	14.6	13.8	15.3	13.2	12.2	11.6	13.7
0.225–0.349	19.2	10.5	17.2	18.9	17.6	14.2	17.3	19.6	19.9	23.4	19.9	17.3	18.8
0.350–0.474	31.6	18.2	24.9	27.0	33.1	36.4	32.4	31.9	32.9	33.0	32.3	31.9	29.5
0.475–0.599	15.3	19.1	15.4	17.4	13.3	15.0	16.7	16.4	14.6	14.2	15.7	16.3	14.0
0.600–0.724	12.5	22.5	18.0	12.2	15.6	11.4	13.4	11.3	11.8	10.1	11.9	13.6	13.8
0.725–0.849	3.6	8.9	6.1	4.0	4.7	4.0	2.7	3.3	2.8	3.4	3.8	3.7	3.8
0.850–0.974	2.0	7.2	3.8	4.1	3.3	1.9	1.2	1.8	0.3	1.5	1.9	3.0	3.0
0.975–1.099	0.8	2.7	2.4	1.5	1.4	1.8	0.2	0.7	0.7	0.2	0.7	0.6	0.9
1.100 and more	1.4	6.2	2.6	3.4	1.9	0.6	1.4	1.0	1.2	0.3	1.2	1.2	2.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.7	0.1	0.1	0.2	0.2	1.4	0.1	0.9	1.1	0.4	0.8	0.7	1.8
0.100–0.224	18.5	6.5	16.5	19.9	18.1	18.0	20.4	20.5	17.8	18.9	15.6	19.2	23.7
0.225–0.349	21.7	10.9	15.0	18.1	19.6	21.6	23.2	24.1	21.8	21.5	24.5	24.4	23.9
0.350–0.474	29.0	23.0	24.6	27.6	28.6	36.4	30.4	28.9	28.9	31.9	29.2	26.6	25.7
0.475–0.599	12.0	14.1	12.3	7.6	13.2	9.0	11.9	11.1	14.4	11.7	10.9	13.1	12.8
0.600–0.724	9.1	17.7	14.1	12.3	10.1	7.3	6.2	8.8	7.4	8.3	9.7	11.2	6.7
0.725–0.849	3.2	6.4	6.0	4.0	3.1	2.1	3.3	2.4	2.9	2.6	3.7	2.4	3.2
0.850–0.974	2.6	10.9	4.6	3.4	2.0	1.4	2.0	1.5	2.6	2.9	2.7	1.3	0.8
0.975–1.099	0.7	1.7	1.9	1.2	1.1	0.2	0.9	0.5	0.5	0.6	0.8	0.0	0.3
1.100 and more	2.5	8.7	4.9	5.7	3.9	2.5	1.6	1.3	2.7	1.2	2.2	1.1	1.1
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.4	0.0	0.1	0.6	0.3	1.1	0.8	0.2	0.4	0.5	1.0	0.1	0.6
0.100–0.224	12.4	5.5	10.4	12.2	13.2	8.0	15.0	12.7	14.8	10.8	13.1	13.0	13.6
0.225–0.349	19.2	9.5	13.7	17.2	16.5	21.1	19.8	20.7	20.5	20.9	20.9	19.7	20.3
0.350–0.474	31.7	22.3	26.5	26.1	30.4	32.6	30.2	34.6	33.5	34.0	33.1	31.8	33.0
0.475–0.599	15.9	17.1	15.4	18.2	20.2	14.5	15.7	15.1	14.9	17.1	13.0	17.5	15.7
0.600–0.724	12.1	18.4	17.6	12.9	12.8	14.3	12.2	10.2	9.0	12.3	13.0	12.3	9.7
0.725–0.849	4.0	9.7	7.8	4.6	2.7	4.3	3.3	3.5	3.6	2.9	3.7	1.9	3.5
0.850–0.974	2.1	7.7	3.9	4.8	1.7	1.5	1.6	1.5	2.2	0.6	0.2	2.2	1.7
0.975–1.099	0.7	2.0	1.5	1.6	0.8	0.8	0.3	0.4	0.1	0.5	1.0	0.9	0.4
1.100 and more	1.5	7.9	2.9	1.7	1.4	1.7	1.0	1.1	1.0	0.4	1.0	0.9	1.6

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 89. Percent distribution of mononuclear cells as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mononuclear cell number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.3	0.0	0.4	0.1	0.1	0.1	0.3	0.2	0.5	0.2	0.0	0.9	1.0
0.100–0.224	11.0	4.0	12.3	12.0	12.1	15.1	13.7	10.3	11.2	9.6	10.1	9.0	12.8
0.225–0.349	16.9	8.4	15.5	14.2	17.1	14.8	15.0	19.3	18.7	18.7	16.1	15.3	14.5
0.350–0.474	31.1	20.5	23.9	27.4	32.6	29.9	32.1	32.1	33.0	33.8	30.2	30.4	29.6
0.475–0.599	16.8	16.3	14.2	16.8	15.6	17.8	17.3	17.6	16.5	16.4	18.5	16.8	15.2
0.600–0.724	14.3	21.4	17.1	15.1	12.8	11.8	14.5	12.8	13.8	13.4	14.2	17.3	15.6
0.725–0.849	4.4	8.7	6.7	5.2	4.6	4.6	3.0	4.2	3.0	4.3	5.3	4.4	4.6
0.850–0.974	2.7	9.5	4.2	3.8	1.7	1.4	1.8	2.3	1.6	2.5	3.8	3.1	3.9
0.975–1.099	1.0	2.8	2.4	1.6	1.7	3.1	0.7	0.6	0.7	0.7	0.5	0.9	0.6
1.100 and more	1.5	8.4	3.4	3.8	1.7	1.3	1.5	0.6	1.0	0.4	1.4	1.9	2.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.3	0.0	0.6	0.0	0.0	0.0	0.5	0.2	0.5	0.1	0.0	1.0	0.6
0.100–0.224	10.3	3.7	8.9	9.7	9.2	14.8	13.6	10.0	10.6	9.4	9.7	9.4	11.7
0.225–0.349	16.5	8.6	17.2	14.5	16.7	12.7	12.7	18.3	18.6	18.9	15.6	15.0	13.9
0.350–0.474	31.2	19.6	23.9	26.1	33.7	29.8	31.7	31.3	33.9	34.0	31.5	29.9	29.3
0.475–0.599	17.2	16.8	14.4	20.5	16.3	19.1	18.5	18.4	16.7	16.5	18.0	16.3	15.6
0.600–0.724	15.3	23.6	18.1	14.5	14.6	13.1	16.3	14.3	15.1	13.7	14.7	17.9	16.6
0.725–0.849	4.5	9.1	7.3	5.0	4.9	5.1	2.8	3.7	3.4	4.2	6.0	4.4	4.8
0.850–0.974	2.3	7.9	4.2	3.9	1.5	1.4	1.6	2.5	0.1	2.3	2.8	2.9	4.4
0.975–1.099	1.0	3.1	2.7	1.8	2.2	3.2	0.4	0.8	0.6	0.4	0.4	1.1	0.7
1.100 and more	1.4	7.5	2.7	4.1	1.0	0.9	2.0	0.5	0.5	0.3	1.4	2.1	2.4
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.4	0.0	0.2	0.0	0.5	1.0	0.0	0.2	1.1	0.3	0.0	0.4	1.8
0.100–0.224	16.1	6.8	15.7	20.7	15.4	19.7	17.2	19.0	15.3	14.3	9.9	11.8	25.5
0.225–0.349	19.9	10.5	17.0	17.1	17.3	21.1	20.3	21.3	19.9	20.4	22.9	21.4	23.8
0.350–0.474	29.4	23.2	22.0	29.3	30.8	28.6	33.7	30.5	29.9	31.7	29.1	29.4	22.1
0.475–0.599	13.2	10.5	13.3	6.9	11.3	10.6	13.2	12.4	18.1	13.8	10.4	15.7	13.5
0.600–0.724	11.0	17.8	13.4	10.2	11.8	8.9	9.1	10.8	9.2	10.4	14.4	14.2	7.4
0.725–0.849	3.3	3.9	5.0	4.7	3.5	3.1	2.0	3.3	2.1	2.7	5.1	4.2	3.9
0.850–0.974	3.0	13.6	6.5	3.2	2.9	2.3	2.2	1.2	1.8	3.8	3.9	1.6	0.5
0.975–1.099	0.8	1.5	1.5	1.8	1.7	0.4	1.3	0.4	0.2	1.2	1.1	0.0	0.0
1.100 and more	2.9	12.1	5.4	6.1	4.8	4.2	1.1	0.8	2.5	1.4	3.1	1.3	1.4
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.3	0.0	0.1	0.7	0.1	0.0	0.5	0.0	0.5	0.1	1.0	0.0	0.0
0.100–0.224	10.8	4.3	10.1	12.4	12.7	4.9	13.4	9.6	14.4	9.3	11.5	10.2	12.2
0.225–0.349	17.1	8.5	14.3	17.6	12.3	16.2	19.3	18.7	17.6	18.2	22.8	11.6	15.6
0.350–0.474	32.1	19.6	20.8	24.2	34.4	32.4	31.0	33.7	36.7	33.9	34.0	32.7	38.9
0.475–0.599	16.6	17.0	17.2	15.5	19.8	18.4	15.1	17.5	14.2	18.4	10.7	21.3	16.1
0.600–0.724	13.4	18.9	20.3	14.5	12.3	16.3	14.5	11.5	9.0	15.2	13.3	15.9	10.1
0.725–0.849	4.8	11.4	6.7	4.6	4.2	6.0	4.5	4.9	3.8	3.4	3.3	2.9	4.4
0.850–0.974	2.7	8.3	4.1	7.7	2.2	2.5	0.8	2.2	3.0	0.8	0.3	4.2	1.2
0.975–1.099	0.7	1.6	2.5	1.2	0.7	0.8	0.0	0.6	0.0	0.1	1.7	0.3	0.4
1.100 and more	1.7	10.4	3.9	1.6	1.3	2.6	0.9	1.2	0.8	0.5	1.3	0.8	1.1

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 90. Percent distribution of mononuclear cells as 10⁹ cells per liter, measured electronically (Coulter™ 3-part differential) for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected mononuclear cell number cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.5	0.0	0.3	0.3	0.2	0.5	0.1	0.4	0.6	1.0	0.6	0.5	0.3
0.100–0.224	16.3	6.8	10.9	13.4	12.2	16.5	16.6	17.9	20.4	17.0	14.1	14.7	15.7
0.225–0.349	21.6	11.9	15.5	23.5	18.0	18.2	21.3	21.7	20.5	26.8	24.3	20.4	22.0
0.350–0.474	31.8	19.4	30.0	26.9	31.3	40.9	33.2	31.9	32.6	32.2	32.6	32.5	29.5
0.475–0.599	13.3	19.2	14.2	14.4	12.1	8.8	14.7	14.1	12.0	12.0	13.8	15.5	12.9
0.600–0.724	9.7	20.0	16.2	9.7	16.0	9.6	8.5	8.6	7.8	7.3	9.6	10.2	11.5
0.725–0.849	2.9	8.6	5.3	4.0	3.7	3.1	3.2	2.4	2.5	2.4	1.8	2.6	3.0
0.850–0.974	1.7	7.1	3.1	3.7	3.6	1.9	1.5	1.1	0.9	0.8	1.2	2.6	2.0
0.975–1.099	0.6	2.0	1.9	1.1	0.5	0.1	0.1	0.5	0.8	0.1	0.9	0.4	0.9
1.100 and more	1.5	5.0	2.6	2.9	2.4	0.5	0.9	1.4	2.0	0.4	1.2	0.5	2.1
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.4	0.0	0.4	0.3	0.3	0.0	0.0	0.2	0.4	1.2	0.5	0.6	0.2
0.100–0.224	15.8	6.0	9.3	13.7	8.8	14.4	15.6	17.4	20.3	17.0	14.6	13.6	15.0
0.225–0.349	21.9	12.7	17.2	24.0	18.5	16.1	21.9	20.8	21.2	28.0	24.0	19.3	22.0
0.350–0.474	32.0	16.5	26.1	28.0	32.5	44.7	33.1	32.4	31.8	32.0	33.1	33.6	29.6
0.475–0.599	13.5	21.6	16.4	13.8	10.4	9.9	14.9	14.6	12.5	11.8	13.6	16.2	12.9
0.600–0.724	9.8	21.2	18.0	9.5	16.7	9.4	10.5	8.5	8.4	6.4	9.3	9.8	12.0
0.725–0.849	2.8	8.6	4.7	2.7	4.6	2.6	2.5	2.9	2.1	2.6	1.8	3.0	3.2
0.850–0.974	1.7	6.3	3.5	4.4	5.0	2.7	0.7	1.2	0.5	0.7	1.0	3.1	2.0
0.975–1.099	0.7	2.3	2.1	1.2	0.5	0.0	0.0	0.6	0.9	0.0	1.0	0.3	1.0
1.100 and more	1.4	4.8	2.4	2.5	2.8	0.3	0.8	1.5	1.9	0.3	1.1	0.4	2.1
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.9	0.3	0.0	0.4	0.0	1.8	0.2	1.5	1.1	0.5	1.4	1.0	1.8
0.100–0.224	20.6	6.1	17.4	19.2	20.7	16.6	23.8	21.7	19.9	22.5	20.3	24.5	22.6
0.225–0.349	23.2	11.3	13.0	19.2	21.9	22.0	26.2	26.5	23.5	22.4	25.8	26.6	24.0
0.350–0.474	28.6	22.7	27.3	25.8	26.4	42.9	26.9	27.6	28.0	32.0	29.2	24.6	28.0
0.475–0.599	11.0	17.8	11.2	8.3	15.2	7.7	10.6	10.0	11.3	10.1	11.3	11.3	12.3
0.600–0.724	7.6	17.7	14.8	14.4	8.4	6.0	3.2	7.0	5.8	6.7	5.8	9.1	6.2
0.725–0.849	3.0	8.8	7.0	3.4	2.8	1.3	4.6	1.6	3.5	2.5	2.5	1.1	2.7
0.850–0.974	2.2	8.2	2.7	3.6	1.0	0.7	1.8	1.8	3.3	2.1	1.7	1.0	1.0
0.975–1.099	0.6	1.9	2.4	0.5	0.5	0.0	0.5	0.5	0.8	0.2	0.6	0.0	0.5
1.100 and more	2.2	5.2	4.3	5.2	3.0	1.0	2.2	1.8	2.9	1.0	1.5	0.9	0.9
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 0.100	0.6	0.0	0.1	0.5	0.5	2.1	1.1	0.4	0.4	0.9	0.9	0.2	1.1
0.100–0.224	14.0	6.7	10.8	12.1	13.8	10.7	16.7	16.7	15.2	12.4	14.6	15.2	15.0
0.225–0.349	21.4	10.6	13.2	16.9	21.4	25.3	20.4	23.2	23.7	23.7	19.2	26.0	25.0
0.350–0.474	31.4	25.2	32.2	28.0	25.6	32.8	29.4	35.6	30.0	34.1	32.3	31.1	27.1
0.475–0.599	15.2	17.2	13.7	20.9	20.8	11.2	16.3	12.2	15.7	15.7	15.2	14.4	15.3
0.600–0.724	10.7	17.8	14.9	11.4	13.5	12.7	9.7	8.4	9.0	9.2	12.6	9.5	9.2
0.725–0.849	3.2	7.9	9.0	4.6	1.0	2.7	2.1	1.7	3.3	2.4	4.1	1.1	2.6
0.850–0.974	1.5	6.9	3.7	2.0	1.2	0.6	2.5	0.6	1.5	0.3	0.0	0.6	2.2
0.975–1.099	0.7	2.4	0.4	1.9	0.9	0.8	0.7	0.2	0.2	0.9	0.3	1.3	0.4
1.100 and more	1.3	5.2	1.9	1.8	1.5	1.1	1.1	1.0	1.1	0.4	0.7	0.6	2.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 91. Serum iron in microgram per deciliter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,479	89.3	37.7	0.491	28.0	36.0	46.0	53.0	63.0	85.0	110.1	127.0	138.0	158.0	177.1
1–2 years	1,822	67.8	33.7	1.339	15.0	20.0	26.0	32.0	42.0	66.0	90.1	100.1	111.0	127.1	141.0
3–5 years	2,649	74.8	31.2	1.027	20.0	26.0	34.0	41.0	53.0	73.1	95.0	106.1	115.1	132.2	141.1
6–8 years	1,391	78.7	30.9	1.405	27.0	34.0	41.0	48.0	58.0	76.0	97.0	109.1	118.0	131.2	142.2
9–11 years	1,506	83.0	34.5	1.510	29.0	33.0	43.1	50.0	59.0	79.1	103.0	115.0	124.1	140.2	159.1
12–14 years	1,166	88.8	37.7	1.874	27.0	36.0	44.0	52.0	63.0	84.0	108.0	126.1	141.2	165.0	180.2
15–19 years	1,796	95.4	41.3	1.652	32.0	37.0	47.0	55.0	66.1	89.0	119.1	136.2	151.2	175.2	192.0
20–29 years	3,323	99.6	43.4	1.279	30.0	38.1	49.0	57.0	68.1	95.1	125.0	143.1	155.0	176.1	199.2
30–39 years	3,159	94.1	39.5	1.192	28.0	35.0	47.0	54.0	66.0	91.1	116.0	135.0	145.1	167.2	180.2
40–49 years	2,476	88.4	35.8	1.221	27.0	38.0	48.0	55.0	64.1	83.1	109.0	123.1	135.1	152.1	171.0
50–59 years	1,802	87.6	33.2	1.326	33.0	42.0	49.0	54.1	64.1	84.0	107.0	123.0	130.2	142.1	159.1
60–69 years	2,259	86.0	32.0	1.141	35.0	40.1	48.1	55.0	64.0	83.0	104.1	118.0	128.0	142.1	157.2
70 years and over	3,130	82.9	31.8	0.964	31.0	38.0	47.0	52.0	61.0	79.0	101.0	114.1	125.0	140.2	159.0
Non-Hispanic white															
1 year and over	9,615	91.0	37.9	0.652	30.0	38.0	47.0	55.0	65.0	86.1	112.0	128.2	139.2	160.2	179.0
1–2 years	580	69.4	34.8	1.869	*	18.0	26.0	32.0	43.0	67.1	92.0	101.1	114.0	130.1	*
3–5 years	670	76.4	31.3	1.565	*	29.0	35.0	42.0	54.0	76.0	97.0	107.1	118.0	135.2	*
6–8 years	371	78.9	31.9	2.137	*	34.0	41.0	46.0	57.0	75.1	98.0	110.1	120.0	132.1	*
9–11 years	389	84.7	36.5	2.393	*	32.0	43.0	50.0	58.1	80.1	104.0	116.1	129.1	143.2	*
12–14 years	295	90.7	38.4	2.893	*	*	46.0	55.0	64.1	84.1	108.1	129.0	146.1	*	*
15–19 years	474	98.7	42.8	2.543	*	39.0	48.0	56.0	68.1	93.1	124.1	146.1	157.2	181.1	*
20–29 years	863	102.7	45.0	1.980	*	40.0	51.0	58.1	70.0	98.0	128.2	148.1	161.0	179.2	*
30–39 years	1,012	96.4	39.0	1.583	*	39.0	51.0	58.0	69.1	93.1	117.1	136.1	147.2	170.1	*
40–49 years	884	89.5	34.2	1.486	*	40.1	49.1	56.1	65.1	84.1	109.1	123.1	135.1	150.2	*
50–59 years	881	88.7	32.9	1.432	*	42.0	49.1	56.0	66.0	85.1	108.1	124.1	131.2	142.2	*
60–69 years	981	86.8	32.1	1.325	*	41.0	50.0	55.1	64.1	84.1	105.1	118.1	128.0	142.1	*
70 years and over	2,215	83.8	31.9	0.875	*	39.0	48.0	53.0	62.0	80.0	102.0	115.1	125.1	142.2	*
Non-Hispanic black															
1 year and over	7,726	79.7	34.8	0.477	23.0	30.0	39.0	46.0	56.0	76.0	99.0	114.0	125.0	142.1	160.1
1–2 years	546	65.0	31.0	1.555	*	21.0	27.0	32.0	39.1	63.0	87.1	97.1	106.1	117.0	*
3–5 years	860	71.8	29.8	1.191	*	25.0	33.0	40.0	53.0	69.1	89.1	104.0	113.1	125.0	*
6–8 years	446	76.3	28.0	1.551	*	33.0	41.1	47.0	58.1	75.1	92.1	102.1	108.1	121.0	*
9–11 years	515	76.6	29.2	1.505	*	34.0	42.0	49.0	57.0	75.0	93.0	105.0	115.1	126.1	*
12–14 years	408	78.7	31.4	1.821	*	30.0	43.1	47.0	57.0	76.1	99.1	113.1	123.1	135.1	*
15–19 years	627	85.0	36.8	1.720	*	34.0	42.0	47.0	58.0	82.0	110.0	123.1	132.2	148.1	*
20–29 years	1,041	86.7	39.0	1.415	*	31.0	38.0	48.0	59.0	82.1	110.0	128.1	138.2	153.2	*
30–39 years	1,058	84.1	37.3	1.342	*	32.0	41.0	47.0	58.0	80.0	104.0	117.1	132.1	154.1	*
40–49 years	758	78.6	36.1	1.533	*	27.0	39.0	45.0	56.0	74.0	95.1	111.0	122.1	148.1	*
50–59 years	463	76.8	32.7	1.781	*	34.1	41.0	46.0	55.0	71.0	94.1	107.1	116.1	132.2	*
60–69 years	542	74.8	27.0	1.359	*	36.0	41.1	46.1	57.0	73.1	90.0	99.0	109.0	121.0	*
70 years and over	462	70.5	29.0	1.578	*	29.0	38.0	43.0	52.1	68.0	86.1	97.0	107.1	127.0	*
Mexican American															
1 year and over	7,991	87.9	39.3	0.668	24.0	32.0	41.1	49.0	61.0	83.1	110.1	127.0	139.2	159.1	178.1
1–2 years	600	63.6	34.0	1.749	*	17.0	23.0	29.0	38.0	59.1	86.1	98.1	107.1	122.1	*
3–5 years	982	74.0	32.4	1.302	*	24.0	34.1	40.0	50.1	72.1	94.1	107.0	116.1	132.1	*
6–8 years	511	80.0	32.8	1.832	*	30.0	37.1	46.0	57.0	79.0	101.1	117.0	123.0	136.1	*
9–11 years	537	82.9	34.6	1.885	*	36.0	40.0	46.0	59.0	80.0	105.1	120.1	127.1	139.0	*
12–14 years	408	86.2	36.9	2.306	*	34.0	42.0	49.0	60.0	82.0	108.0	119.1	133.1	156.1	*
15–19 years	600	93.3	41.5	2.138	*	34.1	44.0	51.1	64.0	87.1	115.1	135.1	151.1	169.1	*
20–29 years	1,276	96.6	40.7	1.436	*	39.0	49.0	56.1	68.0	91.1	120.1	139.2	152.1	171.1	*
30–39 years	956	93.9	42.3	1.725	*	36.0	46.0	53.0	65.1	87.1	117.0	139.0	151.1	170.1	*
40–49 years	724	87.0	39.9	1.870	*	26.0	38.0	48.0	60.0	83.1	112.1	126.0	137.2	159.1	*
50–59 years	364	84.2	33.9	2.244	*	37.0	46.0	53.0	62.0	79.0	104.1	117.0	124.1	143.1	*
60–69 years	659	86.0	34.7	1.703	*	41.0	49.0	53.0	63.0	80.1	104.1	122.0	132.2	146.1	*
70 years and over	374	81.3	33.3	2.172	*	36.0	43.0	49.0	55.0	78.0	103.1	113.1	124.1	144.2	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 92. Serum iron in microgram per deciliter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,650	95.1	37.2	0.701	33.1	42.0	53.0	59.0	69.0	91.1	116.1	132.1	142.2	163.2	178.2
1–2 years	929	67.4	32.9	1.667	15.0	20.0	26.0	31.0	42.0	66.0	90.1	100.1	113.0	126.1	142.0
3–5 years	1,291	74.9	31.8	1.367	20.0	28.0	33.1	41.0	53.0	73.1	94.1	107.1	117.1	137.1	143.0
6–8 years	708	79.6	31.3	1.821	27.0	35.0	43.0	48.0	60.0	75.1	100.0	110.1	121.0	133.1	154.2
9–11 years	768	82.6	35.0	1.955	29.0	39.0	44.1	51.0	58.0	79.0	103.0	112.1	118.1	140.0	155.2
12–14 years	540	90.8	37.7	2.508	30.0	36.0	48.0	56.0	64.1	84.1	112.1	130.1	146.2	165.2	181.0
15–19 years	847	103.4	40.8	2.170	39.0	47.0	56.0	63.0	73.1	98.1	128.1	147.1	163.0	183.1	195.1
20–29 years	1,559	105.2	41.2	1.614	37.0	48.1	59.0	66.0	75.0	101.0	129.2	148.2	160.1	176.1	188.2
30–39 years	1,398	102.5	35.9	1.483	43.0	53.1	60.0	66.1	77.0	100.1	123.0	138.1	149.1	171.1	179.2
40–49 years	1,171	96.3	33.4	1.509	46.1	54.0	59.0	65.0	73.0	92.0	114.1	128.0	138.2	154.2	176.1
50–59 years	832	94.0	33.3	1.784	39.1	46.1	54.1	60.0	68.1	92.0	116.1	128.2	135.0	145.1	165.0
60–69 years	1,140	92.5	33.0	1.510	36.0	43.0	55.0	60.0	71.0	90.1	112.1	124.1	133.1	147.2	168.1
70 years and over	1,467	88.0	34.2	1.380	31.0	38.0	48.1	55.0	64.0	84.1	108.1	123.0	132.1	151.1	164.1
Non-Hispanic white															
1 year and over	4,537	96.1	37.1	0.929	34.1	44.0	54.1	60.0	70.0	92.1	117.1	133.1	143.2	164.2	179.2
1–2 years	300	70.4	33.8	2.268	*	20.0	27.0	31.0	45.0	70.1	92.1	103.0	116.0	130.2	*
3–5 years	326	76.7	31.8	2.046	*	29.0	37.0	43.0	53.0	76.1	98.0	109.1	121.1	138.0	*
6–8 years	192	80.3	31.8	2.663	*	*	43.0	48.0	60.0	75.1	101.1	111.0	121.1	*	*
9–11 years	199	84.1	37.2	3.068	*	*	44.0	51.0	58.0	79.0	105.0	113.1	119.1	*	*
12–14 years	139	92.9	39.3	3.874	*	*	52.0	58.1	65.1	85.1	116.0	135.1	147.2	*	*
15–19 years	205	104.0	42.9	3.479	*	*	55.0	60.0	73.1	98.0	131.1	151.2	165.0	*	*
20–29 years	383	108.6	42.7	2.534	*	49.1	61.0	67.0	77.1	105.1	133.2	150.2	163.0	177.2	*
30–39 years	439	102.3	34.9	1.934	*	54.0	60.0	67.0	77.1	100.1	121.0	138.0	148.1	170.2	*
40–49 years	422	95.4	31.2	1.764	*	56.0	59.1	65.0	73.0	91.1	112.1	127.0	135.1	150.2	*
50–59 years	411	95.2	33.5	1.918	*	49.0	55.0	60.0	70.1	92.1	120.0	130.1	135.2	145.2	*
60–69 years	500	93.2	32.8	1.705	*	44.0	55.0	61.0	71.1	91.1	113.0	124.1	132.2	150.2	*
70 years and over	1,021	88.8	34.3	1.246	*	38.0	49.0	55.0	65.0	85.1	109.1	123.1	132.1	153.1	*
Non-Hispanic black															
1 year and over	3,609	86.8	35.5	0.712	31.0	38.0	46.1	54.0	63.0	82.1	105.1	120.1	132.1	152.1	171.0
1–2 years	274	60.3	28.1	1.923	*	19.0	25.0	31.0	38.0	58.0	78.1	93.0	99.0	114.0	*
3–5 years	420	70.2	30.0	1.653	*	25.0	33.0	38.0	48.1	67.1	89.1	101.1	110.1	124.0	*
6–8 years	224	75.2	29.1	2.202	*	32.0	41.0	45.0	56.0	73.0	92.0	102.1	109.1	127.0	*
9–11 years	267	76.2	29.5	2.041	*	36.1	44.0	49.0	57.0	74.1	92.1	105.0	110.1	125.0	*
12–14 years	185	82.2	32.1	2.670	*	*	44.0	48.0	59.0	79.1	104.1	120.0	128.1	*	*
15–19 years	297	95.5	33.9	2.223	*	53.0	56.1	64.1	70.0	90.1	116.1	128.0	138.1	154.2	*
20–29 years	461	96.1	35.8	1.889	*	46.0	54.1	60.0	71.0	93.0	117.0	133.1	142.1	157.2	*
30–39 years	456	95.9	36.7	1.947	*	47.1	58.0	62.0	72.1	90.1	113.1	132.1	146.1	169.1	*
40–49 years	334	92.8	37.5	2.321	*	42.1	53.0	60.0	67.1	85.1	110.1	125.1	144.1	172.0	*
50–59 years	205	83.7	35.6	2.809	*	*	45.1	50.1	59.0	78.0	101.1	113.1	129.0	*	*
60–69 years	270	78.6	29.7	2.048	*	36.0	41.1	49.0	61.0	76.1	92.1	103.1	118.1	131.2	*
70 years and over	216	75.2	31.0	2.389	*	*	40.1	45.0	55.1	72.0	89.1	102.0	114.1	*	*
Mexican American															
1 year and over	3,961	95.4	40.3	0.974	29.0	37.1	50.0	56.1	68.0	90.1	117.1	136.1	149.2	169.1	190.2
1–2 years	296	62.3	32.5	2.323	*	*	21.0	29.0	38.1	59.1	84.0	96.1	107.0	*	*
3–5 years	472	73.8	33.1	1.874	*	22.0	32.1	38.1	50.1	73.0	93.0	106.1	115.1	133.2	*
6–8 years	252	79.9	32.5	2.515	*	*	38.1	47.0	57.0	79.0	101.1	113.1	124.1	*	*
9–11 years	268	85.9	36.6	2.745	*	*	43.0	48.0	59.0	85.1	107.1	120.1	128.1	*	*
12–14 years	190	88.2	35.0	3.121	*	*	50.0	55.0	64.1	82.1	109.0	124.0	138.0	*	*
15–19 years	307	103.4	42.2	2.957	*	49.0	57.0	64.1	72.1	99.1	123.1	149.1	163.2	190.1	*
20–29 years	644	104.7	39.3	1.904	*	51.0	62.0	67.1	77.0	100.1	126.0	145.2	157.2	180.1	*
30–39 years	448	105.6	42.4	2.459	*	52.0	58.1	65.1	75.1	98.1	132.1	151.1	161.1	182.2	*
40–49 years	370	99.7	38.3	2.445	*	47.1	55.0	63.0	72.1	94.1	122.0	137.2	150.2	175.0	*
50–59 years	177	90.7	37.7	3.483	*	*	44.0	56.0	66.1	88.0	112.0	128.0	134.2	*	*
60–69 years	337	94.4	39.2	2.624	*	49.0	53.0	59.0	67.1	87.0	118.1	134.2	142.2	158.1	*
70 years and over	200	86.8	36.7	3.188	*	*	43.0	50.0	56.0	85.0	111.1	125.1	141.2	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 93. Serum iron in microgram per deciliter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,829	83.8	37.4	0.675	25.0	32.0	41.0	47.0	58.0	79.1	103.1	119.1	132.1	151.2	173.1
1–2 years	893	68.2	34.5	1.999	15.0	18.0	26.0	33.0	42.0	65.1	91.0	100.0	109.1	128.1	138.1
3–5 years	1,358	74.7	30.5	1.431	20.0	25.0	34.0	42.0	54.1	73.1	95.1	105.1	113.0	129.1	138.0
6–8 years	683	77.8	30.3	2.004	28.0	34.0	39.1	46.1	57.0	77.0	95.1	107.0	116.0	131.0	132.2
9–11 years	738	83.4	34.0	2.164	29.0	32.0	40.0	50.0	60.1	80.0	102.0	117.1	127.1	142.0	162.2
12–14 years	626	86.6	37.6	2.598	27.0	35.0	42.0	47.0	60.1	84.0	106.0	122.1	134.2	157.0	179.0
15–19 years	949	87.4	40.1	2.251	30.0	32.0	41.0	47.0	59.0	82.0	110.0	126.1	142.1	164.1	184.1
20–29 years	1,764	94.1	44.8	1.846	25.0	34.0	43.0	50.0	62.0	86.1	118.1	138.0	152.1	175.1	202.1
30–39 years	1,761	85.6	41.1	1.693	22.0	29.0	37.0	44.0	54.1	82.0	108.1	128.0	140.2	157.2	183.2
40–49 years	1,305	80.7	36.4	1.741	24.0	28.0	40.0	46.0	55.0	76.0	99.1	118.1	130.0	150.0	170.0
50–59 years	970	81.6	31.9	1.769	30.0	37.0	44.0	50.0	59.0	78.1	99.0	112.0	121.1	134.2	155.1
60–69 years	1,119	80.5	30.0	1.550	34.0	39.0	45.0	51.1	59.1	77.0	98.1	109.1	121.0	131.2	147.2
70 years and over	1,663	79.4	29.6	1.254	30.0	38.0	46.0	51.0	59.0	76.0	96.1	110.0	118.0	132.2	148.2
Non-Hispanic white															
1 year and over	5,078	86.1	38.0	0.901	27.0	34.0	43.0	49.0	59.1	81.1	106.0	122.1	135.2	154.2	178.1
1–2 years	280	68.3	35.9	2.822	*	17.0	25.0	33.0	42.0	64.0	91.1	100.1	109.1	129.1	*
3–5 years	344	76.0	30.9	2.188	*	27.0	34.0	42.0	55.0	75.1	96.1	107.0	113.1	131.0	*
6–8 years	179	77.4	31.9	3.136	*	*	36.0	43.0	55.0	75.1	96.0	108.1	118.1	*	*
9–11 years	190	85.2	35.8	3.417	*	*	40.0	49.0	60.0	81.0	103.1	120.1	130.1	*	*
12–14 years	156	88.0	37.2	3.918	*	*	41.0	50.0	62.0	84.1	106.1	126.0	138.0	*	*
15–19 years	269	93.1	42.1	3.376	*	35.0	45.0	50.0	63.0	90.1	115.1	131.0	150.2	174.2	*
20–29 years	480	97.1	46.5	2.789	*	36.0	45.0	53.0	63.1	88.1	122.0	143.2	154.1	181.2	*
30–39 years	573	90.3	41.9	2.303	*	31.0	41.0	48.0	59.0	86.0	111.1	132.2	144.2	166.2	*
40–49 years	462	83.4	36.0	2.203	*	32.0	42.1	48.0	58.0	78.1	102.0	121.0	135.2	150.2	*
50–59 years	470	82.5	31.1	1.889	*	37.0	45.0	51.0	60.0	80.0	100.1	112.1	124.1	134.2	*
60–69 years	481	81.2	30.4	1.822	*	39.0	45.0	52.0	60.0	77.1	99.1	112.0	121.1	131.1	*
70 years and over	1,194	80.5	29.7	1.131	*	40.0	47.0	52.0	61.0	76.1	97.1	110.1	119.1	133.2	*
Non-Hispanic black															
1 year and over	4,117	73.6	33.0	0.620	21.0	26.0	34.1	41.0	50.1	70.1	91.1	106.1	116.1	133.2	148.0
1–2 years	272	69.6	33.0	2.341	*	22.0	28.0	34.0	44.0	68.1	92.0	104.1	113.0	122.0	*
3–5 years	440	73.5	29.6	1.654	*	25.0	35.0	44.0	54.0	70.1	89.1	106.0	115.1	125.1	*
6–8 years	222	77.3	26.8	2.107	*	*	42.0	50.0	59.1	78.1	93.1	102.0	107.1	*	*
9–11 years	248	77.0	28.9	2.146	*	31.0	39.0	49.0	58.1	76.0	93.0	106.0	119.1	131.2	*
12–14 years	223	75.7	30.5	2.393	*	*	43.0	46.0	55.0	73.1	96.1	105.0	115.1	*	*
15–19 years	330	74.7	36.7	2.362	*	28.0	34.0	38.1	46.1	68.1	96.0	115.1	127.1	141.1	*
20–29 years	580	78.5	39.8	1.934	*	25.0	32.0	37.0	50.0	73.0	101.1	122.1	132.2	147.2	*
30–39 years	602	74.4	34.9	1.663	*	28.0	35.0	41.0	49.0	71.0	95.1	111.0	117.0	136.1	*
40–49 years	424	67.4	30.5	1.735	*	23.0	30.0	37.1	48.0	64.1	84.0	95.1	107.0	122.1	*
50–59 years	258	71.2	29.1	2.123	*	30.0	38.0	43.0	52.0	69.0	86.1	101.0	113.1	122.1	*
60–69 years	272	72.1	24.6	1.743	*	34.1	41.1	45.1	55.0	72.0	88.0	98.0	103.0	115.1	*
70 years and over	246	67.6	27.1	2.026	*	23.0	34.0	41.0	50.1	65.1	84.0	92.0	101.0	114.1	*
Mexican American															
1 year and over	4,030	80.0	36.5	0.875	20.0	28.0	37.1	43.0	54.0	76.0	102.1	118.0	128.0	146.1	161.0
1–2 years	304	65.0	35.3	2.248	*	17.0	26.0	30.0	38.0	59.1	90.1	100.0	107.1	122.0	*
3–5 years	510	74.2	31.5	1.549	*	25.0	36.0	41.0	50.0	71.1	96.0	107.1	116.1	131.1	*
6–8 years	259	80.0	33.2	2.285	*	*	37.0	43.0	56.0	79.1	103.0	117.1	119.1	*	*
9–11 years	269	79.6	32.0	2.166	*	*	38.1	45.0	59.0	74.0	99.1	121.0	127.0	*	*
12–14 years	218	84.5	38.4	2.884	*	*	41.0	44.1	56.0	81.1	106.1	118.1	133.0	*	*
15–19 years	293	81.9	37.7	2.443	*	30.0	35.0	42.0	55.0	78.1	103.1	126.0	135.1	151.0	*
20–29 years	632	86.4	40.0	1.767	*	34.0	41.0	46.1	57.0	79.1	112.1	128.0	143.1	159.2	*
30–39 years	508	81.2	38.4	1.890	*	24.0	37.0	42.1	52.0	76.1	105.0	119.0	134.1	150.0	*
40–49 years	354	73.5	37.0	2.184	*	18.0	27.0	35.0	48.0	70.1	97.1	115.1	122.1	137.1	*
50–59 years	187	77.8	28.5	2.309	*	*	47.0	52.0	59.0	73.1	94.1	107.1	117.1	*	*
60–69 years	322	79.5	29.0	1.791	*	40.0	45.0	49.0	60.0	76.1	98.1	109.1	120.0	127.1	*
70 years and over	174	75.9	28.7	2.409	*	*	43.0	48.0	53.0	72.1	99.0	106.0	111.1	*	*

* Does not meet standards for reliability or precision.
¹Includes all other race/ethnic groups not listed separately.

Table 94. Serum total iron-binding capacity in microgram per deciliter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	25,802	360.8	56.3	1.764	263.4	277.4	294.4	305.5	322.5	357.1	394.4	417.0	433.1	459.4	483.4
1–2 years	1,433	385.3	59.6	3.700	280.5	295.4	311.3	326.3	345.3	380.4	422.3	446.2	466.0	492.2	508.3
3–5 years	2,421	364.9	50.3	2.402	269.4	289.1	306.1	316.1	330.0	363.2	396.3	414.1	430.3	452.3	469.3
6–8 years	1,380	371.2	51.1	3.234	280.2	291.2	307.0	319.2	335.4	368.2	403.4	423.2	439.5	458.2	480.1
9–11 years	1,492	378.5	48.3	2.937	290.2	304.2	322.1	330.3	347.4	375.2	408.1	427.2	441.1	466.1	478.0
12–14 years	1,163	391.7	50.8	3.498	297.4	318.4	328.4	340.5	355.4	390.1	423.3	444.2	456.5	473.1	493.5
15–19 years	1,789	376.4	55.8	3.097	285.2	298.4	312.4	321.1	338.1	370.1	408.4	430.5	446.3	483.4	511.1
20–29 years	3,321	367.5	60.4	2.462	267.5	281.2	298.5	308.1	326.1	362.3	402.4	425.3	443.2	473.0	499.4
30–39 years	3,147	355.9	55.2	2.311	262.1	276.0	292.4	301.2	317.5	351.3	388.2	410.4	428.1	454.2	477.2
40–49 years	2,476	357.8	53.8	2.538	264.4	278.3	295.0	304.2	322.2	353.2	392.3	411.3	429.3	453.2	475.5
50–59 years	1,799	351.0	52.3	2.896	257.5	272.2	290.2	301.3	317.3	346.5	383.4	403.4	416.4	441.2	467.5
60–69 years	2,255	344.8	51.9	2.568	252.2	268.4	283.1	292.5	312.0	343.1	374.4	394.3	409.2	432.1	456.4
70 years and over	3,126	338.0	55.3	2.323	241.0	257.2	271.5	284.2	300.3	334.4	370.3	394.0	413.5	434.4	455.3
Non-Hispanic white															
1 year and over	9,417	359.1	55.1	2.089	264.1	277.4	294.2	305.1	321.4	355.1	393.1	414.4	430.1	455.2	478.3
1–2 years	453	377.7	57.8	4.695	*	287.3	306.0	319.1	337.3	373.2	416.0	440.3	456.3	475.4	*
3–5 years	610	358.6	49.4	3.457	*	287.1	303.1	311.2	322.4	358.2	391.2	408.1	417.3	444.2	*
6–8 years	370	367.8	50.9	4.577	*	287.3	300.3	315.3	332.2	366.1	401.4	422.2	431.3	448.5	*
9–11 years	390	375.9	45.0	3.941	*	304.3	321.2	330.0	345.2	373.3	405.3	423.3	439.1	455.4	*
12–14 years	295	390.9	48.6	4.891	*	*	329.4	342.0	355.4	390.2	422.0	441.3	453.1	*	*
15–19 years	473	374.7	55.8	4.434	*	298.4	312.2	318.3	336.4	367.4	404.5	427.4	443.3	485.2	*
20–29 years	864	367.8	59.9	3.525	*	281.1	300.4	308.4	326.0	362.1	403.4	427.4	444.3	473.3	*
30–39 years	1,009	353.8	54.2	2.950	*	275.1	292.0	301.0	317.1	350.1	384.2	407.1	422.0	447.3	*
40–49 years	883	356.8	51.4	2.992	*	279.0	295.3	304.4	322.3	352.4	389.4	410.4	425.0	447.2	*
50–59 years	878	353.9	51.6	3.013	*	281.0	294.2	303.4	320.3	350.4	385.2	406.4	418.2	441.5	*
60–69 years	978	345.9	52.3	2.890	*	268.5	285.1	296.2	312.5	344.0	375.4	394.4	409.3	432.1	*
70 years and over	2,214	339.9	54.9	2.018	*	261.1	274.3	285.4	302.3	336.0	372.0	396.2	414.3	437.3	*
Non-Hispanic black															
1 year and over	7,502	357.5	58.3	1.884	256.3	271.2	288.2	300.2	319.2	354.1	392.1	414.3	431.2	460.2	485.4
1–2 years	419	393.5	55.9	4.038	*	300.5	328.2	340.4	360.4	389.1	422.3	448.2	465.5	495.0	*
3–5 years	778	371.9	45.4	2.407	*	302.4	317.2	327.4	343.2	367.4	401.1	418.1	433.5	457.3	*
6–8 years	444	371.8	46.9	3.294	*	300.2	313.3	323.1	337.5	371.1	402.0	417.4	430.1	450.4	*
9–11 years	511	377.9	49.1	3.216	*	307.5	327.1	334.2	344.4	371.5	405.2	425.1	443.4	474.2	*
12–14 years	408	382.4	50.3	3.686	*	306.3	324.0	333.2	349.5	380.2	411.2	427.4	445.1	471.1	*
15–19 years	625	371.3	56.6	3.349	*	290.5	305.4	317.0	332.2	367.3	401.3	426.3	441.1	481.2	*
20–29 years	1,039	363.8	62.3	2.861	*	275.2	291.5	303.1	323.2	358.2	397.5	420.3	436.2	468.3	*
30–39 years	1,054	352.0	56.6	2.579	*	275.3	287.3	297.3	312.1	346.1	384.5	410.1	430.1	458.4	*
40–49 years	759	353.9	57.4	3.081	*	274.2	285.3	295.2	314.3	348.3	388.1	413.0	432.2	461.5	*
50–59 years	463	330.5	51.2	3.521	*	255.0	264.3	279.3	299.3	326.2	362.0	387.2	403.0	420.0	*
60–69 years	541	328.4	50.1	3.190	*	251.2	269.2	278.5	294.3	324.5	358.1	377.0	389.2	415.1	*
70 years and over	461	314.3	56.0	3.857	*	229.0	248.1	257.1	275.1	312.1	350.3	369.5	382.1	416.1	*
Mexican American															
1 year and over	7,776	376.6	63.0	2.811	266.0	283.0	302.0	315.3	334.1	372.3	413.5	440.4	456.4	482.2	508.1
1–2 years	486	403.7	70.6	5.695	*	301.2	322.2	336.1	358.1	395.4	447.0	475.2	486.5	529.2	*
3–5 years	908	375.8	54.5	3.218	*	290.4	309.3	319.3	341.1	377.3	412.0	430.4	442.4	465.1	*
6–8 years	505	381.3	53.8	4.255	*	308.2	319.4	330.2	343.3	379.0	414.3	436.2	449.3	468.2	*
9–11 years	527	394.2	57.7	4.470	*	311.5	323.1	333.5	356.2	394.4	426.5	452.1	462.4	485.5	*
12–14 years	406	406.0	58.2	5.139	*	313.1	330.3	345.2	366.2	403.4	445.4	466.1	475.4	489.5	*
15–19 years	598	395.9	60.8	4.420	*	303.5	324.3	339.1	356.3	387.2	432.4	462.3	476.1	495.1	*
20–29 years	1,275	371.2	67.1	3.343	*	276.1	293.5	306.3	327.2	366.1	407.1	434.3	451.2	488.4	*
30–39 years	953	369.3	60.3	3.473	*	275.3	297.3	309.3	328.1	365.1	409.0	431.3	449.1	471.5	*
40–49 years	724	367.3	61.6	4.069	*	275.0	298.0	306.4	330.3	360.2	395.2	431.1	449.1	483.3	*
50–59 years	363	363.4	60.1	5.604	*	274.1	294.0	306.0	319.1	363.0	402.1	429.0	443.0	466.1	*
60–69 years	659	348.0	54.1	3.744	*	267.0	281.1	290.1	313.0	347.1	381.2	404.2	418.3	445.2	*
70 years and over	372	347.8	56.8	5.237	*	260.1	278.4	294.1	311.2	343.0	377.3	402.2	432.3	449.2	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 95. Serum total iron-binding capacity in microgram per deciliter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,304	354.1	51.2	2.324	261.3	276.4	292.3	304.2	320.1	351.2	386.3	405.4	419.1	440.5	462.1
1–2 years	719	389.7	59.7	4.383	288.0	303.1	318.2	331.4	350.1	382.1	427.3	453.3	469.3	497.3	521.1
3–5 years	1,180	367.2	51.6	2.953	278.2	294.2	308.2	315.4	327.5	365.2	399.5	421.3	437.2	459.2	474.1
6–8 years	704	371.4	50.2	3.723	280.4	289.3	305.2	318.3	334.4	371.3	404.2	423.2	431.5	454.3	480.1
9–11 years	760	376.4	47.2	3.365	294.0	306.0	324.0	330.1	347.5	373.1	403.4	426.3	441.1	465.2	475.3
12–14 years	539	391.9	49.3	4.176	302.4	321.3	330.3	340.3	355.2	389.2	428.4	442.1	453.2	473.1	493.1
15–19 years	844	365.2	47.6	3.223	278.1	293.0	310.4	320.2	335.4	360.2	394.1	414.5	424.5	442.5	474.4
20–29 years	1,560	351.1	49.4	2.458	263.1	277.1	292.3	304.4	318.0	347.2	383.4	401.5	413.2	428.2	442.4
30–39 years	1,393	348.8	46.9	2.473	267.0	276.2	290.1	301.1	316.5	347.0	381.0	398.4	410.0	430.2	443.1
40–49 years	1,171	348.9	46.7	2.683	260.4	275.5	295.4	305.3	321.3	345.3	377.1	395.4	407.4	430.4	447.1
50–59 years	832	346.3	49.2	3.357	249.0	269.1	290.4	302.1	316.0	342.1	377.4	396.1	410.1	426.2	449.1
60–69 years	1,137	340.3	50.7	2.956	246.1	266.2	282.1	289.3	305.2	339.1	370.1	387.3	403.4	426.0	452.4
70 years and over	1,465	330.0	52.7	2.708	239.1	251.1	267.4	280.1	295.0	327.2	360.4	381.2	396.0	422.1	445.5
Non-Hispanic white															
1 year and over	4,433	353.2	50.1	2.768	261.3	277.1	292.4	304.2	319.4	350.1	385.3	405.1	418.1	438.3	458.3
1–2 years	226	383.0	57.4	5.437	*	*	315.1	326.4	342.4	373.5	417.4	441.5	463.3	*	*
3–5 years	300	359.1	50.1	4.119	*	289.4	303.2	311.5	319.4	354.2	391.4	408.3	424.2	447.3	*
6–8 years	192	368.6	49.3	5.066	*	*	298.5	311.4	332.0	371.2	404.3	422.5	430.1	*	*
9–11 years	199	375.7	44.0	4.446	*	*	324.4	330.0	347.1	373.5	403.0	420.5	440.1	*	*
12–14 years	139	391.0	47.1	5.697	*	*	333.1	340.4	354.3	386.2	432.1	441.3	451.4	*	*
15–19 years	205	365.0	46.6	4.642	*	*	312.0	321.0	337.1	359.4	393.1	413.1	422.4	*	*
20–29 years	384	351.3	49.3	3.585	*	277.3	295.1	305.4	317.3	346.4	386.2	406.4	416.4	430.3	*
30–39 years	438	349.4	46.2	3.142	*	276.4	290.3	301.4	318.1	348.0	379.2	398.5	410.2	430.1	*
40–49 years	421	349.6	45.2	3.138	*	277.4	296.4	308.0	322.1	345.0	377.2	395.4	410.1	431.1	*
50–59 years	411	349.3	49.2	3.458	*	276.1	295.3	304.1	318.3	347.4	381.1	400.1	411.2	426.3	*
60–69 years	498	340.8	50.6	3.232	*	268.0	282.2	289.5	305.3	339.2	370.1	387.3	403.4	427.1	*
70 years and over	1,020	331.6	52.9	2.359	*	255.2	269.4	282.1	296.3	328.5	361.4	384.0	397.0	422.3	*
Non-Hispanic black															
1 year and over	3,497	349.5	54.0	2.559	253.1	269.1	285.2	296.3	314.2	346.1	383.4	403.0	416.3	439.3	465.4
1–2 years	207	392.7	58.2	5.486	*	*	325.0	340.5	359.4	388.2	422.4	455.2	466.5	*	*
3–5 years	381	372.6	44.6	3.103	*	304.4	316.4	326.3	343.3	367.1	403.2	418.3	437.3	457.2	*
6–8 years	224	373.2	48.8	4.419	*	294.2	311.1	315.4	340.2	373.4	403.2	419.2	429.4	453.5	*
9–11 years	264	375.5	49.2	4.106	*	312.2	324.2	329.4	341.0	367.3	401.3	424.1	443.2	474.4	*
12–14 years	185	383.8	50.8	5.068	*	*	321.0	328.2	343.1	384.2	417.2	428.4	449.3	*	*
15–19 years	297	357.4	48.2	3.793	*	274.4	301.1	309.2	324.2	355.4	393.2	407.0	418.4	431.0	*
20–29 years	461	342.0	54.7	3.453	*	270.4	285.1	291.5	308.2	336.4	372.1	388.3	402.0	417.3	*
30–39 years	454	340.5	49.8	3.167	*	269.0	281.4	289.1	305.3	337.3	371.0	391.2	407.1	431.0	*
40–49 years	335	340.6	44.7	3.316	*	274.3	285.1	294.3	311.3	340.2	366.2	386.0	401.3	422.1	*
50–59 years	205	327.4	51.1	4.842	*	*	261.3	275.5	298.2	326.2	353.2	377.1	402.2	*	*
60–69 years	269	326.7	53.4	4.415	*	240.2	264.1	276.3	294.1	322.1	357.2	373.2	390.5	418.4	*
70 years and over	215	315.0	53.3	4.927	*	*	250.1	258.5	277.3	313.4	346.4	366.0	376.4	*	*
Mexican American															
1 year and over	3,856	367.4	57.1	3.621	262.5	280.2	298.0	311.4	330.1	365.3	400.2	424.2	439.5	463.4	480.4
1–2 years	242	412.7	69.4	6.839	*	*	335.5	349.5	371.4	399.2	452.2	484.0	500.1	*	*
3–5 years	433	378.2	56.0	4.125	*	290.3	309.4	321.1	342.3	377.2	416.1	434.4	448.4	465.0	*
6–8 years	249	386.3	53.6	5.204	*	*	328.3	333.3	353.2	382.2	414.3	447.3	459.2	*	*
9–11 years	263	391.6	59.6	5.635	*	*	323.2	338.0	356.2	386.2	424.1	450.5	459.4	*	*
12–14 years	189	409.2	58.9	6.563	*	*	343.2	355.1	370.2	407.2	443.4	462.4	478.1	*	*
15–19 years	306	381.7	55.5	4.861	*	298.3	319.1	331.4	347.3	373.4	414.2	436.0	458.1	475.3	*
20–29 years	644	354.1	51.2	3.092	*	273.1	290.0	301.0	322.0	355.3	388.2	406.2	421.1	435.2	*
30–39 years	447	354.3	49.3	3.573	*	270.0	291.5	303.2	320.0	352.4	386.4	409.5	421.2	435.3	*
40–49 years	370	356.2	52.8	4.205	*	272.1	296.3	303.4	323.2	353.3	381.4	407.3	424.2	453.4	*
50–59 years	176	356.4	50.7	5.861	*	*	291.2	306.0	318.1	360.2	392.4	406.3	418.3	*	*
60–69 years	337	343.6	54.1	4.516	*	263.0	272.4	288.5	308.2	342.5	375.4	399.3	417.3	439.5	*
70 years and over	200	343.2	50.9	5.518	*	*	276.3	294.2	311.1	341.3	373.4	391.5	406.5	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 96. Serum total iron-binding capacity in microgram per deciliter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,498	367.2	60.0	2.602	264.5	278.5	296.0	307.2	326.3	362.4	403.4	428.1	445.4	473.0	497.2
1–2 years	714	380.8	59.2	4.394	279.3	284.4	303.2	319.2	341.0	380.1	418.4	442.0	456.1	480.2	499.1
3–5 years	1,241	362.5	48.8	2.750	266.3	283.4	304.2	316.3	331.2	361.5	392.3	409.1	419.4	444.5	466.1
6–8 years	676	370.9	52.2	3.983	278.0	294.2	311.1	319.3	338.0	365.1	403.1	423.4	445.2	462.1	480.0
9–11 years	732	380.6	49.3	3.616	288.3	301.3	321.3	331.1	347.3	377.1	414.2	430.2	441.2	467.1	499.1
12–14 years	624	391.5	52.4	4.161	297.2	309.2	326.4	343.0	357.3	390.2	420.3	445.4	457.5	473.1	507.3
15–19 years	945	387.7	60.9	3.931	292.2	303.0	313.4	324.0	344.4	381.2	422.4	454.1	470.4	503.4	537.0
20–29 years	1,761	383.9	65.7	3.107	275.1	288.1	303.3	315.3	338.2	378.4	424.2	450.2	470.1	497.2	536.4
30–39 years	1,754	363.0	61.5	2.916	255.1	275.1	294.3	302.2	319.4	357.5	399.3	425.1	447.0	473.3	494.4
40–49 years	1,305	366.3	58.5	3.216	266.4	279.3	293.1	303.3	324.3	363.3	405.3	428.1	444.1	474.0	493.5
50–59 years	967	355.5	54.7	3.489	264.0	274.4	290.2	300.2	320.1	351.1	390.5	412.0	426.0	452.2	475.3
60–69 years	1,118	348.6	52.6	3.125	254.2	270.4	285.3	299.3	315.2	346.4	378.4	398.3	412.4	435.5	468.5
70 years and over	1,661	343.3	56.3	2.742	244.2	261.0	274.2	287.0	304.5	339.2	377.1	403.1	418.4	441.0	463.2
Non-Hispanic white															
1 year and over	4,984	364.8	59.0	3.075	264.5	278.2	295.2	306.2	324.5	360.4	400.3	423.1	441.4	470.1	493.2
1–2 years	227	372.2	57.7	5.667	*	*	297.3	309.3	332.3	370.3	410.1	437.0	449.1	*	*
3–5 years	310	358.0	48.6	4.085	*	282.1	303.0	307.3	326.4	360.2	391.1	407.1	412.4	438.1	*
6–8 years	178	366.8	52.8	5.854	*	*	300.4	315.4	333.2	361.1	400.0	422.0	439.4	*	*
9–11 years	191	376.1	45.9	4.918	*	*	319.4	330.0	344.4	373.3	408.4	423.4	435.5	*	*
12–14 years	156	390.7	50.3	5.956	*	*	326.2	342.5	360.4	390.4	419.2	441.2	456.2	*	*
15–19 years	268	384.7	62.3	5.630	*	301.1	312.3	317.3	336.3	379.2	418.2	454.2	470.5	511.1	*
20–29 years	480	383.8	64.8	4.374	*	286.4	306.2	314.5	337.4	379.2	424.3	450.5	470.3	495.0	*
30–39 years	571	358.4	61.1	3.784	*	271.3	292.3	299.3	316.0	354.1	391.1	416.3	437.1	470.2	*
40–49 years	462	364.2	56.1	3.864	*	279.5	293.2	303.2	324.2	360.3	402.2	422.4	437.1	468.2	*
50–59 years	467	358.3	53.5	3.661	*	281.5	294.1	303.1	324.0	354.0	393.3	412.3	426.2	456.2	*
60–69 years	480	350.4	53.3	3.597	*	271.2	286.3	301.3	317.3	348.2	380.4	399.3	415.1	441.5	*
70 years and over	1,194	345.4	55.6	2.379	*	264.2	277.0	289.4	309.1	340.1	378.5	406.0	419.4	442.3	*
Non-Hispanic black															
1 year and over	4,005	364.4	60.8	2.692	260.1	273.4	290.4	303.4	323.4	361.2	400.0	426.1	442.3	470.5	497.3
1–2 years	212	394.3	53.5	4.644	*	*	330.4	340.3	361.2	390.2	422.2	441.3	457.5	*	*
3–5 years	397	371.3	46.1	2.925	*	297.4	318.1	329.1	343.1	369.1	399.4	417.4	429.3	457.3	*
6–8 years	220	370.5	45.0	3.839	*	*	319.2	325.1	337.1	366.4	399.0	415.4	430.3	*	*
9–11 years	247	380.4	48.9	3.939	*	306.4	329.2	338.1	349.1	375.3	406.0	426.2	444.2	474.1	*
12–14 years	223	381.1	49.8	4.222	*	*	330.1	335.5	352.3	377.2	407.3	425.3	443.4	*	*
15–19 years	328	385.2	60.8	4.248	*	295.5	315.3	327.3	342.1	379.1	425.0	444.3	481.1	504.3	*
20–29 years	578	382.5	62.4	3.284	*	287.4	307.3	324.0	340.4	381.0	419.4	440.1	459.2	495.2	*
30–39 years	600	361.4	60.0	3.097	*	280.4	296.4	301.4	317.5	355.0	396.1	427.3	446.3	471.4	*
40–49 years	424	364.4	63.8	3.917	*	274.1	286.1	297.2	316.4	357.0	403.0	432.5	459.2	480.3	*
50–59 years	258	333.0	51.1	4.027	*	260.5	269.1	280.3	300.3	326.1	366.2	388.4	403.1	425.5	*
60–69 years	272	329.6	47.7	3.657	*	264.3	272.1	280.3	295.1	325.4	359.1	378.4	387.3	412.4	*
70 years and over	246	313.9	57.6	4.646	*	231.1	245.1	255.2	273.3	311.0	354.1	372.1	386.2	416.4	*
Mexican American															
1 year and over	3,920	386.4	67.3	4.231	268.2	287.2	306.4	320.3	340.0	381.5	429.3	454.1	472.2	496.4	528.2
1–2 years	244	394.7	70.7	7.230	*	*	310.4	327.1	341.1	389.1	440.1	455.5	479.4	*	*
3–5 years	475	373.4	52.9	3.877	*	291.1	309.2	319.0	333.5	378.0	408.0	426.0	441.2	465.2	*
6–8 years	256	376.6	53.6	5.347	*	*	310.1	321.1	342.1	373.0	413.4	430.4	443.0	*	*
9–11 years	264	397.0	55.4	5.447	*	*	323.1	333.3	354.4	400.2	433.1	456.1	463.4	*	*
12–14 years	217	403.4	57.6	6.244	*	*	324.5	338.4	360.3	402.2	447.3	467.4	474.1	*	*
15–19 years	292	412.1	62.5	5.842	*	318.5	337.2	352.4	371.4	406.5	452.5	480.2	492.5	511.1	*
20–29 years	631	392.9	77.9	4.949	*	281.1	300.3	314.3	337.4	390.2	440.3	465.3	490.1	524.9	*
30–39 years	506	385.6	66.6	4.730	*	282.2	305.4	321.2	338.1	378.0	430.1	456.3	468.4	492.2	*
40–49 years	354	379.0	64.8	5.754	*	279.1	299.2	312.3	337.2	371.2	414.2	447.5	478.3	507.5	*
50–59 years	187	370.2	67.1	7.838	*	*	295.0	306.0	320.3	363.2	412.1	440.3	459.3	*	*
60–69 years	322	351.5	53.8	4.788	*	269.1	283.1	290.3	319.1	351.4	383.1	405.4	420.2	445.2	*
70 years and over	172	352.4	61.8	7.525	*	*	279.3	294.0	311.3	343.2	384.3	418.4	438.3	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 97. Transferrin saturation in percentages for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	25,770	25.4	11.4	0.171	7.4	9.5	12.5	14.5	17.5	24.0	31.4	36.1	39.9	45.9	52.3
1–2 years	1,428	18.1	9.5	0.432	4.0	5.0	7.1	8.4	11.0	17.0	24.2	27.1	29.9	35.3	39.2
3–5 years	2,416	20.8	9.0	0.315	5.7	7.3	9.6	11.5	14.7	20.1	26.0	29.1	32.0	37.2	41.3
6–8 years	1,380	21.5	9.0	0.420	6.6	9.1	11.5	12.8	15.5	20.5	26.6	29.2	31.6	36.8	41.0
9–11 years	1,491	22.3	10.1	0.453	7.6	8.9	11.2	13.0	15.5	20.9	27.6	31.1	33.1	39.3	45.9
12–14 years	1,163	23.0	9.9	0.500	6.5	9.3	11.1	13.1	16.1	21.5	28.0	32.4	35.2	42.2	46.7
15–19 years	1,787	26.0	12.1	0.497	7.5	9.5	12.6	14.2	17.5	23.5	32.7	38.3	42.9	49.7	54.5
20–29 years	3,317	27.8	12.8	0.383	7.3	9.9	13.1	15.1	18.8	26.5	34.7	39.7	43.8	49.8	56.1
30–39 years	3,145	27.1	12.2	0.376	7.9	9.4	12.9	15.1	18.5	25.8	34.2	39.2	42.2	49.2	54.4
40–49 years	2,473	25.3	11.0	0.383	6.5	10.1	13.0	15.2	18.0	24.0	31.2	35.2	39.5	46.1	52.7
50–59 years	1,797	25.5	10.7	0.435	9.0	11.6	13.4	15.5	18.2	24.1	31.3	35.9	38.5	44.9	49.2
60–69 years	2,252	25.5	10.1	0.369	9.3	11.3	14.0	15.9	18.6	24.3	31.1	35.2	38.2	43.3	48.8
70 years and over	3,121	25.0	10.4	0.321	8.8	11.2	13.6	15.4	18.1	23.5	30.6	34.7	37.7	43.7	49.1
Non-Hispanic white															
1 year and over	9,401	26.0	11.5	0.223	8.0	10.1	13.0	15.1	18.0	24.4	32.1	36.8	40.4	46.7	52.8
1–2 years	451	18.8	9.8	0.611	*	5.1	7.4	8.8	11.5	17.3	25.4	27.9	30.2	35.8	*
3–5 years	607	21.6	9.0	0.482	*	8.0	10.4	12.3	15.2	21.3	26.8	30.3	32.5	38.1	*
6–8 years	370	21.8	9.4	0.646	*	9.1	11.4	12.8	15.8	20.6	26.7	29.5	31.9	37.7	*
9–11 years	389	22.9	10.8	0.725	*	8.7	11.2	12.8	16.1	21.3	28.6	31.4	34.5	40.8	*
12–14 years	295	23.4	9.8	0.756	*	*	11.3	13.3	16.7	21.8	28.3	33.7	36.8	*	*
15–19 years	473	27.0	12.6	0.762	*	10.5	12.8	14.9	17.9	24.7	34.6	40.3	44.9	51.8	*
20–29 years	863	28.6	13.2	0.593	*	10.5	13.6	15.6	19.1	27.2	35.7	40.6	44.6	52.5	*
30–39 years	1,008	27.9	12.2	0.506	*	10.2	13.9	16.0	19.5	26.4	35.1	39.9	42.7	49.9	*
40–49 years	882	25.6	10.6	0.469	*	10.8	13.9	15.8	18.5	24.3	31.3	35.1	39.4	46.1	*
50–59 years	878	25.6	10.4	0.462	*	11.7	13.5	15.7	18.3	24.4	31.4	35.7	38.6	45.1	*
60–69 years	975	25.7	10.3	0.434	*	11.3	14.1	16.0	18.8	24.4	31.5	35.3	38.6	43.8	*
70 years and over	2,210	25.2	10.4	0.293	*	11.2	13.6	15.5	18.3	23.6	30.7	34.8	38.0	44.0	*
Non-Hispanic black															
1 year and over	7,496	22.9	10.6	0.176	5.8	8.1	10.8	12.7	15.6	21.7	28.7	33.1	36.5	42.2	47.2
1–2 years	419	17.0	8.8	0.518	*	5.1	6.5	7.9	10.3	16.0	22.6	25.3	28.2	32.3	*
3–5 years	777	19.3	8.2	0.357	*	6.7	9.2	10.3	13.8	18.6	24.3	28.0	31.2	34.3	*
6–8 years	444	20.8	8.1	0.465	*	8.3	11.3	12.0	15.4	20.1	25.7	28.3	30.9	34.3	*
9–11 years	511	20.7	8.3	0.443	*	8.6	10.4	12.6	15.3	20.1	24.9	29.1	31.7	34.6	*
12–14 years	408	21.0	8.9	0.537	*	7.6	11.1	12.0	14.5	20.4	26.8	29.8	32.9	37.0	*
15–19 years	625	23.7	11.1	0.538	*	8.6	10.5	12.8	15.6	22.2	30.6	35.3	38.6	42.9	*
20–29 years	1,037	24.6	11.6	0.435	*	7.7	10.5	12.6	16.1	23.3	31.6	36.6	39.1	43.8	*
30–39 years	1,054	24.6	11.4	0.427	*	8.2	11.5	13.6	16.4	23.3	30.9	35.9	39.3	45.5	*
40–49 years	758	23.0	11.6	0.509	*	7.6	10.3	12.4	15.4	21.5	28.5	33.0	36.8	44.6	*
50–59 years	462	23.5	10.0	0.564	*	9.6	12.6	14.0	16.6	22.0	28.9	33.4	35.9	42.4	*
60–69 years	541	23.1	8.6	0.449	*	11.1	13.2	14.7	17.6	22.6	28.3	31.0	33.3	36.7	*
70 years and over	460	22.7	9.2	0.521	*	9.3	11.7	13.7	17.2	21.5	28.2	31.4	34.8	38.6	*
Mexican American															
1 year and over	7,767	24.2	11.6	0.228	5.8	7.9	10.9	13.0	16.2	22.7	30.4	35.6	39.1	45.6	50.9
1–2 years	483	16.6	9.4	0.541	*	4.2	5.2	7.3	9.4	15.6	22.0	25.8	29.2	33.7	*
3–5 years	907	20.2	9.5	0.400	*	6.4	9.0	10.4	13.4	19.5	25.5	28.6	32.3	38.2	*
6–8 years	505	21.2	9.0	0.510	*	7.7	10.2	12.2	14.9	20.7	26.2	30.9	33.6	37.7	*
9–11 years	527	21.3	9.3	0.511	*	8.6	10.4	12.3	14.9	19.9	26.8	30.6	33.0	38.6	*
12–14 years	406	21.8	10.5	0.659	*	8.0	9.7	12.1	14.5	20.7	27.8	30.6	34.0	40.9	*
15–19 years	596	24.3	11.9	0.617	*	8.0	11.1	12.8	16.0	22.7	30.4	35.6	39.5	46.2	*
20–29 years	1,274	26.9	12.4	0.442	*	10.0	12.7	14.7	18.2	25.2	33.6	39.0	43.5	49.8	*
30–39 years	952	26.1	12.2	0.502	*	8.5	12.0	14.1	17.7	24.4	32.7	38.5	41.6	49.2	*
40–49 years	723	24.6	12.2	0.573	*	6.2	10.3	12.9	16.4	23.4	31.5	36.5	40.8	45.8	*
50–59 years	363	23.8	10.2	0.677	*	10.0	12.6	14.8	17.2	22.5	29.2	32.7	36.9	40.8	*
60–69 years	659	25.3	11.0	0.543	*	11.0	13.4	15.2	18.4	23.1	30.0	36.6	39.6	44.5	*
70 years and over	372	23.9	10.1	0.663	*	9.6	12.0	14.1	16.9	22.7	30.1	34.2	37.2	42.0	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 98. Transferrin saturation in percentages for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,288	27.4	11.4	0.246	9.0	11.8	14.7	16.5	19.5	26.1	33.7	38.1	41.9	47.9	53.4
1–2 years	715	18.0	9.5	0.550	3.9	5.1	6.9	8.4	10.6	17.0	23.8	26.9	30.1	35.6	39.2
3–5 years	1,178	20.6	9.2	0.416	5.5	7.3	9.3	10.9	14.3	19.5	26.1	29.3	33.1	38.0	41.3
6–8 years	704	21.7	9.0	0.524	6.6	9.4	11.6	12.9	16.0	20.6	26.7	29.6	33.2	38.7	42.6
9–11 years	760	22.3	9.9	0.554	8.6	9.4	11.3	13.4	15.3	20.6	28.4	30.4	32.4	39.1	40.8
12–14 years	539	23.4	9.4	0.628	7.0	9.4	12.7	14.5	17.0	21.9	28.3	33.4	35.6	41.8	45.5
15–19 years	844	28.8	12.2	0.651	10.6	12.8	15.0	17.3	19.7	26.7	36.4	41.9	45.6	52.2	55.6
20–29 years	1,557	30.5	12.7	0.499	11.0	13.3	16.2	18.5	21.8	29.7	36.8	42.5	45.9	53.7	60.3
30–39 years	1,391	29.9	11.1	0.460	11.9	15.1	17.2	18.8	22.2	28.1	36.1	41.0	45.3	51.0	54.5
40–49 years	1,170	27.9	10.1	0.457	13.4	15.4	16.9	18.3	20.9	26.2	33.5	37.0	40.7	46.1	50.4
50–59 years	831	27.7	10.7	0.575	11.2	13.1	15.8	17.1	19.8	26.4	33.6	37.6	39.8	45.6	52.2
60–69 years	1,136	27.7	10.4	0.479	9.7	12.5	16.1	17.8	20.9	26.7	33.3	37.2	40.3	45.7	49.1
70 years and over	1,463	27.2	11.2	0.452	8.8	12.0	14.5	16.5	19.6	25.9	33.3	37.4	40.5	46.0	51.6
Non-Hispanic white															
1 year and over	4,426	27.8	11.4	0.324	9.4	12.3	15.1	16.9	19.8	26.3	34.1	38.6	42.5	48.2	53.7
1–2 years	224	19.0	9.9	0.772	*	*	8.2	9.0	11.4	17.7	25.1	27.9	33.2	*	*
3–5 years	299	21.6	9.4	0.632	*	8.0	10.3	12.1	14.8	20.5	27.0	31.5	35.7	40.2	*
6–8 years	192	22.1	9.2	0.775	*	*	11.9	12.9	16.1	20.7	26.7	30.1	33.5	*	*
9–11 years	199	22.7	10.4	0.863	*	*	11.2	12.9	14.9	20.6	28.6	30.5	33.1	*	*
12–14 years	139	23.9	9.6	0.947	*	*	12.8	15.1	17.3	22.5	30.3	33.7	37.2	*	*
15–19 years	205	29.0	12.8	1.040	*	*	14.4	16.3	19.5	26.4	37.1	43.6	45.7	*	*
20–29 years	383	31.5	13.3	0.794	*	13.9	16.6	18.8	22.6	30.6	37.5	44.3	47.6	54.4	*
30–39 years	437	29.8	11.0	0.613	*	15.1	17.2	18.7	22.4	28.0	36.1	40.8	45.7	50.2	*
40–49 years	421	27.6	9.5	0.538	*	15.7	17.0	18.4	20.9	25.9	32.9	36.6	40.2	46.1	*
50–59 years	411	27.8	10.9	0.629	*	13.2	15.8	17.1	19.8	26.4	33.5	37.6	41.5	46.9	*
60–69 years	497	27.9	10.5	0.549	*	12.9	16.4	18.1	21.0	26.9	33.4	37.0	41.1	45.9	*
70 years and over	1,019	27.3	11.2	0.410	*	11.7	14.5	16.6	19.7	26.0	33.6	37.5	40.7	45.9	*
Non-Hispanic black															
1 year and over	3,494	25.5	10.9	0.266	8.3	10.8	13.1	15.2	18.0	23.9	31.3	36.1	39.2	45.2	52.4
1–2 years	207	15.9	8.4	0.693	*	*	5.9	6.9	9.7	14.8	21.2	24.5	25.3	*	*
3–5 years	381	18.8	8.3	0.504	*	6.8	8.8	9.8	12.4	18.3	23.9	27.1	30.9	33.9	*
6–8 years	224	20.4	8.1	0.643	*	8.2	11.0	11.7	15.2	19.7	25.1	28.2	30.9	36.3	*
9–11 years	264	20.7	8.4	0.609	*	9.7	11.8	12.8	15.4	19.7	24.8	28.9	31.3	34.1	*
12–14 years	185	22.0	9.3	0.810	*	*	11.1	12.1	14.9	21.3	28.0	32.0	34.0	*	*
15–19 years	297	27.2	10.3	0.709	*	13.7	15.9	17.0	19.3	25.6	32.8	37.9	40.8	45.9	*
20–29 years	460	28.5	10.9	0.601	*	13.1	15.5	17.3	20.7	27.2	35.4	39.2	42.5	48.2	*
30–39 years	454	28.7	11.3	0.625	*	13.8	16.8	18.2	21.1	26.8	34.0	38.5	43.5	53.1	*
40–49 years	334	27.7	12.1	0.781	*	12.5	16.1	17.6	19.5	25.2	32.3	38.5	44.2	50.4	*
50–59 years	205	25.8	10.1	0.838	*	*	14.1	15.3	18.4	24.1	31.9	35.9	39.6	*	*
60–69 years	269	24.6	9.6	0.696	*	10.8	13.9	15.9	17.8	24.1	29.8	33.0	35.7	42.0	*
70 years and over	214	24.2	9.4	0.759	*	*	12.9	15.1	18.1	22.8	29.4	32.5	37.1	*	*
Mexican American															
1 year and over	3,851	26.7	12.0	0.335	7.7	10.1	13.1	15.2	18.6	24.8	33.0	38.1	42.6	49.1	54.3
1–2 years	240	15.8	8.8	0.702	*	*	5.1	6.9	8.8	15.0	21.5	24.9	28.9	*	*
3–5 years	432	20.2	9.8	0.578	*	6.4	8.8	10.2	13.5	19.7	25.3	28.6	33.0	38.2	*
6–8 years	249	21.0	8.9	0.694	*	*	10.2	11.5	15.0	20.4	26.2	30.7	33.1	*	*
9–11 years	263	22.4	9.9	0.748	*	*	10.9	12.3	15.3	21.6	27.3	31.1	34.4	*	*
12–14 years	189	22.2	10.2	0.915	*	*	11.1	13.2	15.1	20.7	27.3	31.2	34.1	*	*
15–19 years	306	27.6	12.3	0.861	*	12.0	14.5	16.3	19.3	26.4	33.0	38.7	45.2	50.9	*
20–29 years	643	30.0	12.0	0.583	*	14.0	17.1	19.0	21.6	28.5	35.6	41.5	45.4	53.0	*
30–39 years	446	30.0	12.0	0.701	*	14.0	16.8	18.4	21.3	28.4	37.0	41.6	47.8	52.7	*
40–49 years	370	28.5	11.5	0.736	*	13.4	15.9	17.4	20.7	26.4	35.0	39.7	43.6	48.6	*
50–59 years	176	25.8	11.1	1.031	*	*	13.0	14.8	18.9	24.5	31.2	36.9	39.0	*	*
60–69 years	337	28.2	12.6	0.842	*	13.0	16.0	17.0	19.8	25.5	36.6	40.4	42.7	49.8	*
70 years and over	200	25.7	11.2	0.974	*	*	11.8	15.3	17.3	24.2	33.2	37.5	39.6	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 99. Transferrin saturation in percentages for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,482	23.5	11.1	0.229	6.4	8.4	11.0	12.9	15.8	21.9	29.3	33.8	37.3	43.4	51.0
1–2 years	713	18.3	9.4	0.615	4.0	4.7	7.3	8.7	11.6	17.0	24.9	27.2	29.5	34.8	39.6
3–5 years	1,238	20.9	8.7	0.430	5.8	7.3	9.7	12.2	15.0	20.8	25.9	29.0	31.6	34.9	41.1
6–8 years	676	21.3	9.1	0.607	7.2	9.1	11.4	12.6	15.3	20.4	26.5	29.2	30.7	34.1	37.9
9–11 years	731	22.4	10.4	0.668	6.8	8.3	10.4	12.6	16.1	21.0	27.3	31.4	34.1	41.1	45.9
12–14 years	624	22.6	10.3	0.721	6.4	8.7	10.6	12.0	15.1	21.4	27.7	31.4	35.0	42.2	55.5
15–19 years	943	23.2	11.4	0.648	6.7	7.6	10.3	12.0	15.2	21.4	29.2	34.5	37.4	45.6	52.1
20–29 years	1,760	25.0	12.2	0.507	6.1	8.6	11.1	13.0	16.3	23.7	31.5	36.8	40.1	46.7	54.5
30–39 years	1,754	24.4	12.6	0.526	5.0	8.0	10.2	11.9	15.1	22.5	31.3	37.7	40.3	46.0	53.5
40–49 years	1,303	22.9	11.3	0.546	5.4	6.9	10.6	12.3	15.3	20.8	28.7	33.6	36.2	45.8	53.9
50–59 years	966	23.5	10.2	0.574	7.4	10.0	12.3	13.7	16.7	22.2	28.6	32.2	35.7	42.6	45.6
60–69 years	1,116	23.6	9.5	0.494	8.8	11.2	12.9	14.5	16.9	22.6	28.9	32.9	35.6	40.3	45.9
70 years and over	1,658	23.6	9.5	0.407	8.8	10.9	13.2	14.6	17.4	22.2	28.7	32.0	35.2	40.3	46.6
Non-Hispanic white															
1 year and over	4,975	24.2	11.2	0.300	7.0	9.0	11.7	13.4	16.5	22.5	30.2	34.6	38.2	44.8	52.1
1–2 years	227	18.5	9.8	0.859	*	*	7.3	8.3	11.7	16.5	25.8	27.9	29.6	*	*
3–5 years	308	21.6	8.6	0.647	*	8.1	10.7	12.6	15.8	21.6	26.6	29.7	31.7	34.9	*
6–8 years	178	21.4	9.7	0.960	*	*	10.7	12.1	15.2	20.5	26.8	29.2	30.9	*	*
9–11 years	190	23.2	11.2	1.077	*	*	10.4	12.5	17.4	21.6	28.4	31.6	35.0	*	*
12–14 years	156	22.9	10.1	1.076	*	*	10.3	12.4	16.2	21.5	28.1	33.1	35.1	*	*
15–19 years	268	24.9	12.0	0.973	*	9.0	11.2	13.3	16.6	22.7	31.5	36.0	41.2	48.3	*
20–29 years	480	25.7	12.5	0.754	*	9.2	11.7	13.6	16.8	24.3	32.9	37.3	40.6	46.8	*
30–39 years	571	26.0	13.0	0.723	*	8.9	11.1	13.2	16.5	24.1	33.3	39.1	41.0	47.8	*
40–49 years	461	23.7	11.2	0.693	*	7.6	11.0	12.7	15.9	21.5	29.5	34.1	37.3	47.3	*
50–59 years	467	23.5	9.4	0.575	*	10.2	12.5	13.7	16.8	22.4	29.2	32.6	36.1	42.6	*
60–69 years	478	23.8	9.7	0.587	*	11.2	12.7	14.3	16.9	22.6	29.8	33.3	35.7	41.3	*
70 years and over	1,191	23.8	9.6	0.370	*	11.1	13.3	14.9	17.6	22.3	28.7	32.3	35.3	40.8	*
Non-Hispanic black															
1 year and over	4,002	20.8	9.7	0.222	5.2	6.8	9.1	11.0	14.0	19.7	26.4	30.5	33.4	38.5	43.2
1–2 years	212	18.2	8.9	0.711	*	*	7.4	8.9	11.1	17.5	24.2	27.5	30.2	*	*
3–5 years	396	19.9	8.1	0.471	*	6.6	9.6	12.2	14.6	19.0	24.7	28.4	31.2	34.4	*
6–8 years	220	21.2	8.0	0.629	*	*	11.6	12.3	15.5	20.4	26.3	28.5	30.8	*	*
9–11 years	247	20.6	8.2	0.604	*	8.4	9.4	11.6	15.0	20.3	25.2	29.5	32.3	35.8	*
12–14 years	223	20.2	8.5	0.665	*	*	11.0	11.8	14.4	20.1	25.6	28.2	31.1	*	*
15–19 years	328	20.1	10.7	0.685	*	6.3	8.6	9.4	12.0	18.6	26.2	30.8	33.4	39.5	*
20–29 years	577	21.2	11.0	0.534	*	5.8	8.2	9.5	12.6	19.5	27.9	33.6	36.5	41.4	*
30–39 years	600	21.4	10.5	0.497	*	6.8	8.9	11.0	14.1	20.1	27.1	32.2	35.1	41.1	*
40–49 years	424	19.3	9.7	0.547	*	5.3	7.8	9.9	13.2	18.1	24.9	28.7	31.0	35.6	*
50–59 years	257	21.7	9.5	0.688	*	9.1	10.2	13.0	15.5	20.6	26.6	31.0	33.4	37.7	*
60–69 years	272	22.1	7.6	0.538	*	11.2	13.2	14.2	16.9	21.9	26.6	29.4	31.5	34.6	*
70 years and over	246	21.8	9.0	0.666	*	8.6	10.7	11.9	16.5	20.3	26.9	31.3	33.3	37.9	*
Mexican American															
1 year and over	3,916	21.5	10.5	0.290	4.9	6.4	9.4	11.1	14.1	20.3	27.2	31.6	35.6	40.9	45.8
1–2 years	243	17.4	9.8	0.751	*	*	5.8	7.8	10.3	16.1	22.5	26.4	29.3	*	*
3–5 years	475	20.2	9.2	0.505	*	6.3	9.3	10.4	13.4	19.3	26.1	28.6	31.7	37.2	*
6–8 years	256	21.4	9.1	0.683	*	*	10.6	12.3	14.2	21.3	26.1	31.7	33.6	*	*
9–11 years	264	20.2	8.4	0.616	*	*	10.0	12.1	14.7	18.1	26.5	29.1	31.8	*	*
12–14 years	217	21.5	10.6	0.864	*	*	9.6	11.1	13.4	20.7	28.0	30.4	32.4	*	*
15–19 years	290	20.5	10.1	0.712	*	6.3	8.0	9.6	12.9	19.1	27.0	30.7	35.6	38.4	*
20–29 years	631	23.0	11.8	0.560	*	7.2	10.0	11.9	14.6	21.2	29.1	35.5	39.2	46.0	*
30–39 years	506	21.9	10.9	0.580	*	6.1	8.8	10.9	14.1	21.0	27.6	31.9	37.4	41.1	*
40–49 years	353	20.5	11.4	0.727	*	3.4	6.2	8.4	12.3	19.5	27.2	31.6	36.2	42.1	*
50–59 years	187	21.7	8.7	0.760	*	*	12.4	14.7	16.8	20.2	26.8	30.6	32.3	*	*
60–69 years	322	23.0	8.9	0.593	*	10.8	12.2	13.9	16.8	22.3	27.3	31.0	34.5	39.1	*
70 years and over	172	22.1	8.4	0.769	*	*	12.0	13.6	16.4	21.3	26.5	31.1	34.8	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 100. Erythrocyte protoporphyrin in microgram per deciliter of red blood cells for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	26,706	49.5	26.1	0.274	28.0	30.0	33.0	34.1	37.0	44.0	54.0	62.0	67.1	81.1	107.0
1–2 years	1,877	57.6	29.2	0.925	30.0	33.0	37.0	39.0	42.0	50.1	63.0	73.0	83.1	109.0	129.2
3–5 years	2,690	47.0	20.4	0.538	28.0	30.0	33.0	34.1	37.0	44.0	52.0	58.0	63.0	71.1	85.1
6–8 years	1,401	45.8	14.5	0.530	28.0	30.0	33.0	34.0	37.0	43.1	51.0	58.0	62.0	69.0	76.1
9–11 years	1,521	47.6	16.8	0.591	28.0	30.0	32.1	35.0	38.0	45.0	54.0	59.0	63.1	74.0	97.0
12–14 years	1,170	47.6	18.3	0.734	27.0	30.0	32.0	35.0	38.0	44.0	53.0	58.1	64.1	74.1	91.1
15–19 years	1,808	46.3	20.5	0.661	26.0	28.0	30.0	33.0	35.1	42.0	51.0	58.0	64.1	73.0	95.0
20–29 years	3,343	46.4	21.0	0.497	28.0	30.0	32.0	34.0	36.0	42.0	51.1	58.0	64.0	73.0	94.1
30–39 years	3,178	48.6	29.4	0.714	27.0	29.0	32.0	34.0	36.0	43.0	53.0	60.0	65.0	78.1	109.1
40–49 years	2,487	51.3	31.7	0.871	29.0	31.0	33.0	35.0	37.1	44.1	55.0	62.1	70.0	88.1	122.0
50–59 years	1,811	49.8	25.3	0.816	29.0	30.0	33.0	35.0	38.0	44.1	54.0	61.1	67.1	84.1	113.0
60–69 years	2,272	52.3	30.6	0.881	30.0	32.0	34.1	36.0	39.0	47.0	56.1	64.1	71.1	91.0	109.0
70 years and over	3,148	56.0	29.1	0.710	30.0	32.0	36.0	38.0	41.0	50.0	62.0	71.1	78.1	101.1	118.1
Non-Hispanic white															
1 year and over	9,681	47.8	22.3	0.303	28.0	30.0	32.1	34.0	37.0	43.1	53.0	59.0	64.1	75.0	98.0
1–2 years	595	52.9	20.4	0.970	*	32.1	35.0	38.0	40.0	48.1	59.0	66.1	73.0	96.1	*
3–5 years	677	43.6	14.2	0.631	*	29.0	31.0	33.0	36.0	42.0	49.0	53.1	57.1	63.1	*
6–8 years	371	43.6	10.7	0.640	*	29.0	32.0	34.0	36.1	42.1	48.0	53.0	58.0	63.0	*
9–11 years	395	45.1	12.6	0.737	*	30.0	32.0	34.0	36.1	43.0	51.0	56.0	60.0	66.1	*
12–14 years	297	46.3	17.3	1.159	*	*	32.0	35.0	37.0	43.1	51.1	57.0	61.1	*	*
15–19 years	477	44.2	15.4	0.814	*	28.0	31.0	33.0	35.0	41.0	49.1	55.0	60.0	68.0	*
20–29 years	865	44.3	14.5	0.572	*	29.0	32.0	33.0	35.1	41.0	49.1	55.1	61.0	65.1	*
30–39 years	1,016	46.0	23.9	0.869	*	28.0	32.0	33.0	35.1	42.0	51.0	57.1	62.0	70.1	*
40–49 years	887	48.5	23.1	0.898	*	31.0	33.0	34.1	37.0	43.0	53.0	60.0	65.1	79.0	*
50–59 years	886	49.3	25.9	1.006	*	30.0	33.0	35.0	38.0	44.0	53.0	60.0	67.0	79.0	*
60–69 years	990	51.8	28.9	1.064	*	32.0	34.1	36.0	39.0	46.1	56.0	64.0	70.1	91.1	*
70 years and over	2,225	55.9	27.8	0.682	*	32.0	36.0	38.0	41.0	50.0	62.0	71.0	78.1	101.0	*
Non-Hispanic black															
1 year and over	7,811	50.5	36.0	0.408	28.0	29.0	32.0	34.0	36.1	43.0	53.1	61.1	68.1	89.1	121.1
1–2 years	561	59.9	32.9	1.479	*	34.0	37.0	39.0	42.0	51.0	66.1	76.0	93.0	115.1	*
3–5 years	875	47.3	20.6	0.741	*	30.0	33.0	34.1	37.0	44.0	52.1	58.0	62.0	69.1	*
6–8 years	453	45.8	16.9	0.846	*	29.0	32.0	33.0	36.0	42.0	52.0	56.0	60.0	71.0	*
9–11 years	519	47.4	22.2	1.037	*	30.0	32.1	34.1	37.1	43.0	52.0	59.0	62.0	70.0	*
12–14 years	409	46.4	22.6	1.186	*	29.0	31.0	33.0	36.0	42.0	49.0	56.0	62.0	75.1	*
15–19 years	633	46.1	29.6	1.249	*	27.0	29.0	30.0	33.0	40.0	49.0	57.0	64.1	81.1	*
20–29 years	1,052	48.8	36.1	1.182	*	29.0	31.0	33.0	35.0	41.0	51.0	60.1	67.0	84.1	*
30–39 years	1,068	52.4	41.6	1.355	*	31.0	32.0	34.0	36.0	42.0	53.0	62.1	71.0	108.0	*
40–49 years	762	55.6	48.3	1.860	*	31.0	33.0	35.0	37.0	44.0	56.0	66.0	73.1	115.0	*
50–59 years	465	49.1	21.5	1.060	*	30.0	33.0	34.0	37.0	44.0	54.0	62.0	72.1	88.0	*
60–69 years	546	52.5	47.2	2.145	*	30.0	33.0	35.0	38.0	46.0	57.0	62.0	70.0	88.0	*
70 years and over	468	55.0	43.2	2.124	*	32.0	35.0	37.0	39.1	47.1	57.0	67.1	76.1	103.0	*
Mexican American															
1 year and over	8,052	56.8	32.6	0.524	30.0	33.0	35.0	37.1	41.0	50.0	62.0	71.1	79.0	105.1	126.1
1–2 years	619	72.5	49.9	2.491	*	38.0	41.0	44.0	48.1	59.1	74.1	94.0	112.1	144.2	*
3–5 years	997	56.2	36.5	1.436	*	35.0	37.1	39.0	44.0	52.0	62.0	69.1	74.0	85.1	*
6–8 years	514	53.6	19.8	1.086	*	33.1	36.0	38.0	41.0	50.0	62.0	68.1	74.0	82.0	*
9–11 years	542	56.2	19.0	1.014	*	35.0	38.0	40.0	44.0	53.0	63.0	70.1	77.0	97.1	*
12–14 years	409	54.1	16.5	1.010	*	35.0	38.1	41.0	44.0	51.0	60.0	66.0	71.1	82.1	*
15–19 years	602	55.8	31.0	1.566	*	31.0	35.0	37.0	41.0	48.0	61.0	69.1	76.1	108.1	*
20–29 years	1,283	53.1	28.1	0.975	*	31.0	34.0	35.1	39.0	47.0	60.0	69.1	75.0	96.0	*
30–39 years	960	56.4	30.8	1.234	*	32.0	34.1	36.1	40.1	49.0	63.0	70.1	78.1	106.0	*
40–49 years	727	63.3	47.7	2.197	*	33.0	36.0	38.0	40.1	50.0	65.1	79.1	105.1	145.1	*
50–59 years	364	56.8	32.1	2.089	*	32.0	34.0	36.0	40.0	49.0	62.0	72.1	88.1	115.0	*
60–69 years	659	56.5	32.0	1.546	*	33.0	36.0	38.0	42.0	51.0	63.0	71.0	76.0	98.1	*
70 years and over	376	59.6	31.2	1.997	*	34.0	36.0	38.0	43.0	53.0	65.0	77.1	89.1	110.1	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 101. Erythrocyte protoporphyrin in microgram per deciliter of red blood cells for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	12,761	44.3	19.3	0.292	27.0	29.0	31.0	33.0	35.0	41.0	48.1	54.0	59.1	69.0	84.1
1–2 years	962	57.2	30.9	1.384	31.0	33.0	37.0	39.0	42.0	50.0	62.0	70.0	78.1	110.0	129.2
3–5 years	1,305	46.9	23.8	0.915	28.0	29.0	32.0	34.0	37.0	43.0	52.0	58.1	63.0	72.1	87.0
6–8 years	716	45.9	14.9	0.772	27.0	30.0	33.0	34.0	37.0	43.0	52.0	58.0	63.0	70.0	77.1
9–11 years	775	46.6	15.6	0.778	27.0	30.0	32.1	34.1	38.0	44.0	52.1	58.0	62.0	71.0	79.1
12–14 years	543	45.0	15.1	0.903	26.0	29.0	31.0	34.0	37.0	43.0	49.0	55.1	57.0	65.1	83.0
15–19 years	853	40.0	11.0	0.524	25.0	27.0	29.0	30.0	33.0	38.0	45.0	48.1	52.1	60.0	67.1
20–29 years	1,567	40.2	10.6	0.372	26.0	28.0	30.0	32.0	34.0	38.0	45.0	49.0	52.0	59.0	65.0
30–39 years	1,407	40.8	11.8	0.438	25.0	27.0	30.0	32.0	34.0	39.0	45.1	48.1	53.0	60.1	65.1
40–49 years	1,171	43.9	19.2	0.781	26.0	29.0	31.0	33.0	35.0	41.0	47.1	53.0	56.0	64.0	80.0
50–59 years	837	45.0	17.9	0.859	28.0	29.0	31.0	33.0	35.0	41.0	49.0	54.1	61.0	72.1	87.0
60–69 years	1,148	49.1	28.6	1.175	29.0	31.0	33.0	35.0	37.0	44.0	53.0	61.0	66.1	84.1	104.0
70 years and over	1,477	53.4	32.9	1.191	28.0	31.0	34.0	35.1	38.1	47.0	57.1	67.0	77.1	101.1	128.1
Non-Hispanic white															
1 year and over	4,569	43.4	17.1	0.338	27.0	28.0	31.0	33.0	35.0	40.0	48.0	53.0	57.0	65.1	78.0
1–2 years	312	51.9	20.3	1.361	*	32.1	35.1	38.0	40.0	48.0	58.0	65.0	68.1	79.1	*
3–5 years	331	43.4	16.4	1.064	*	28.0	31.0	33.0	36.0	41.0	48.1	53.0	57.0	63.0	*
6–8 years	193	44.0	11.7	0.997	*	*	32.0	34.0	36.0	42.1	49.0	54.0	58.0	*	*
9–11 years	203	44.4	12.6	1.050	*	*	32.0	34.0	36.1	42.0	50.0	55.0	61.0	*	*
12–14 years	141	43.8	12.5	1.250	*	*	30.0	34.0	37.0	43.0	49.0	54.0	56.1	*	*
15–19 years	206	39.6	9.8	0.811	*	*	29.0	31.0	33.0	38.0	44.0	47.1	51.0	*	*
20–29 years	382	39.2	9.5	0.576	*	28.0	30.0	31.0	34.0	38.0	43.0	47.1	50.0	57.0	*
30–39 years	439	39.9	10.1	0.572	*	27.0	30.0	31.0	34.0	38.1	44.0	48.0	52.0	57.0	*
40–49 years	420	43.1	19.3	1.113	*	29.0	31.0	33.0	35.0	40.0	47.0	52.1	55.0	61.0	*
50–59 years	411	44.1	16.0	0.937	*	29.0	31.0	33.0	35.0	40.1	48.0	54.0	59.0	71.1	*
60–69 years	505	48.4	21.8	1.147	*	31.0	32.1	35.0	37.0	43.1	52.1	59.0	65.1	84.1	*
70 years and over	1,026	53.3	30.5	1.127	*	30.0	34.0	36.0	38.1	47.0	57.1	66.1	77.1	101.1	*
Non-Hispanic black															
1 year and over	3,648	43.8	27.2	0.450	27.0	28.0	30.0	32.0	34.0	39.0	47.0	52.1	58.0	67.1	87.1
1–2 years	279	61.8	37.8	2.404	*	33.0	37.0	39.0	42.0	52.1	67.0	79.0	106.0	115.1	*
3–5 years	425	47.2	23.7	1.224	*	30.0	32.0	34.0	37.0	43.1	52.0	57.1	62.0	69.0	*
6–8 years	230	43.9	15.8	1.108	*	29.0	31.0	33.0	35.0	41.0	50.0	55.0	57.0	61.0	*
9–11 years	267	47.1	22.4	1.455	*	30.0	32.0	33.1	37.0	43.0	52.0	59.1	63.0	70.1	*
12–14 years	185	46.8	25.7	2.010	*	*	30.0	33.0	36.0	41.0	48.0	57.0	66.0	*	*
15–19 years	301	36.2	8.9	0.543	*	25.0	28.0	29.0	30.0	36.0	40.0	43.0	46.0	50.0	*
20–29 years	464	38.5	10.7	0.528	*	27.0	29.0	31.0	33.0	37.0	42.0	46.0	49.0	55.0	*
30–39 years	461	41.8	17.3	0.856	*	29.0	31.0	32.0	34.0	38.1	45.0	48.0	52.0	62.0	*
40–49 years	335	41.8	13.2	0.764	*	29.0	31.0	33.0	34.1	40.0	45.0	50.0	54.0	62.0	*
50–59 years	208	45.2	20.8	1.529	*	*	31.0	33.0	35.0	40.1	49.0	55.0	61.0	*	*
60–69 years	273	52.7	69.1	4.445	*	30.0	31.0	33.0	35.1	43.0	51.0	61.0	64.0	94.0	*
70 years and over	220	53.8	58.3	4.180	*	*	33.0	34.1	38.0	44.0	53.1	64.0	72.0	*	*
Mexican American															
1 year and over	3,993	50.5	26.6	0.607	28.0	31.0	33.0	35.0	38.0	45.0	55.1	63.1	69.1	82.1	106.1
1–2 years	309	75.1	54.9	3.720	*	38.0	41.0	44.0	48.0	60.0	75.0	104.1	127.0	171.0	*
3–5 years	475	56.3	48.3	2.638	*	35.0	37.0	38.1	43.0	52.0	61.0	68.0	73.1	83.1	*
6–8 years	253	53.2	22.7	1.700	*	*	36.0	37.0	40.0	49.0	62.0	68.1	72.1	*	*
9–11 years	271	54.8	19.6	1.420	*	*	38.0	39.0	42.0	51.1	61.0	68.1	74.1	*	*
12–14 years	191	51.8	16.4	1.416	*	*	37.0	39.0	41.0	49.0	57.0	64.0	71.1	*	*
15–19 years	307	47.2	17.5	1.191	*	29.0	31.0	34.1	37.0	44.0	51.1	58.0	63.1	72.1	*
20–29 years	650	45.2	14.9	0.697	*	29.0	32.0	34.0	36.0	41.1	50.1	57.0	63.0	71.1	*
30–39 years	452	46.0	14.9	0.834	*	30.0	32.0	34.0	37.0	43.0	53.0	58.0	64.0	69.1	*
40–49 years	370	49.8	22.0	1.365	*	30.0	33.0	35.0	38.1	45.0	53.0	60.0	69.1	87.1	*
50–59 years	177	55.2	36.4	3.265	*	*	33.0	34.1	39.0	45.1	59.0	72.0	81.0	*	*
60–69 years	337	53.8	42.1	2.734	*	32.0	34.0	35.1	38.0	45.1	58.0	67.1	71.1	82.1	*
70 years and over	201	56.5	23.7	1.994	*	*	35.0	36.0	39.0	53.0	63.1	79.0	89.1	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 102. Erythrocyte protoporphyrin in microgram per deciliter of red blood cells for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	13,945	54.3	30.5	0.442	30.0	32.0	35.0	37.0	40.1	48.0	59.0	67.0	73.1	96.1	120.1
1–2 years	915	58.1	27.3	1.300	30.0	33.1	36.0	38.1	42.0	51.0	64.1	76.1	91.0	108.0	129.2
3–5 years	1,385	47.1	16.0	0.621	28.0	31.0	33.0	35.0	38.0	44.1	52.0	58.0	63.0	71.1	82.0
6–8 years	685	45.8	14.0	0.771	28.0	31.0	33.0	34.1	37.1	44.0	51.0	58.0	60.0	69.0	74.0
9–11 years	746	48.7	17.9	0.946	29.0	30.0	32.1	35.0	38.0	45.1	54.1	60.0	65.1	81.1	109.1
12–14 years	627	50.4	20.9	1.203	28.0	31.0	32.1	36.0	38.0	46.1	56.0	63.1	69.0	78.0	95.1
15–19 years	955	52.6	25.3	1.181	29.0	32.0	34.0	36.0	40.0	48.0	57.0	66.0	71.0	94.1	121.1
20–29 years	1,776	52.6	26.1	0.895	30.0	32.0	35.0	37.0	40.0	47.0	58.0	65.0	70.1	91.0	116.0
30–39 years	1,771	56.4	38.1	1.307	30.0	32.0	35.0	37.0	41.0	48.1	60.0	67.1	75.1	106.0	154.0
40–49 years	1,316	58.3	38.8	1.543	32.0	34.0	36.0	38.0	41.0	49.0	62.0	72.0	79.1	113.1	158.1
50–59 years	974	54.4	30.1	1.389	30.0	33.0	36.0	37.1	41.0	48.0	58.0	65.1	72.1	98.0	120.0
60–69 years	1,124	55.0	31.9	1.374	30.0	33.1	36.0	38.0	42.0	49.0	59.0	68.0	75.1	98.0	117.0
70 years and over	1,671	57.7	26.0	0.918	31.0	35.0	37.1	40.0	43.0	52.0	65.0	73.0	79.1	101.1	117.0
Non-Hispanic white															
1 year and over	5,112	51.9	25.7	0.481	30.0	32.0	35.0	37.0	40.0	47.0	57.0	64.0	69.1	84.0	109.1
1–2 years	283	54.1	20.5	1.411	*	32.0	34.1	38.0	40.0	49.0	61.0	69.0	79.0	101.1	*
3–5 years	346	43.9	11.4	0.707	*	29.0	32.0	34.0	37.0	42.0	49.1	54.0	58.0	64.1	*
6–8 years	178	43.1	9.2	0.800	*	*	33.0	34.0	37.0	43.0	48.0	52.0	58.0	*	*
9–11 years	192	45.8	12.6	1.054	*	*	32.0	35.0	36.1	44.0	54.0	57.0	60.0	*	*
12–14 years	156	49.3	21.3	1.973	*	*	32.0	36.0	38.0	45.0	56.0	63.0	66.1	*	*
15–19 years	271	49.0	18.3	1.284	*	31.0	34.0	35.1	39.0	45.0	54.0	60.0	65.1	72.1	*
20–29 years	483	49.2	16.7	0.878	*	32.0	34.0	36.0	39.1	46.0	55.0	61.0	65.0	72.1	*
30–39 years	577	52.2	31.3	1.507	*	32.0	35.0	36.0	40.0	47.0	58.0	63.0	69.1	84.0	*
40–49 years	467	53.9	25.3	1.356	*	33.0	36.0	37.1	40.0	48.0	59.0	67.0	73.0	96.1	*
50–59 years	475	54.1	31.7	1.685	*	33.0	36.0	38.0	41.0	48.0	57.0	65.0	71.1	98.0	*
60–69 years	485	54.8	33.7	1.772	*	34.0	36.0	38.0	42.0	48.1	58.0	67.1	73.1	98.1	*
70 years and over	1,199	57.5	25.7	0.859	*	34.1	37.1	40.0	43.0	52.0	64.1	72.1	79.0	100.1	*
Non-Hispanic black															
1 year and over	4,163	56.2	41.3	0.640	29.0	32.0	34.0	36.0	39.0	47.0	59.0	68.0	77.0	108.1	149.1
1–2 years	282	58.0	27.4	1.862	*	34.1	36.0	38.0	42.0	50.0	65.1	74.1	84.0	115.1	*
3–5 years	450	47.3	16.9	0.910	*	31.0	33.1	35.0	38.0	44.0	53.0	58.0	62.1	69.1	*
6–8 years	223	47.6	17.8	1.360	*	*	32.0	35.0	38.0	43.0	52.0	58.1	67.0	*	*
9–11 years	252	47.7	22.1	1.586	*	29.0	34.0	36.0	38.1	43.0	52.0	59.0	62.0	68.0	*
12–14 years	224	46.1	19.5	1.484	*	*	32.0	33.0	36.0	42.1	50.0	55.0	61.0	*	*
15–19 years	332	56.1	38.4	2.405	*	30.0	34.0	35.0	39.0	47.0	60.0	70.1	80.1	108.1	*
20–29 years	588	57.6	46.3	2.175	*	32.0	35.0	36.0	40.0	47.1	61.0	69.0	77.1	114.1	*
30–39 years	607	61.0	52.3	2.423	*	32.1	35.0	37.0	39.1	47.1	61.0	73.0	95.1	125.1	*
40–49 years	427	66.5	61.4	3.389	*	33.1	35.1	38.0	41.0	51.0	65.1	74.1	97.0	173.1	*
50–59 years	257	52.3	21.6	1.534	*	32.0	34.0	35.0	38.0	47.0	60.0	68.1	79.0	94.1	*
60–69 years	273	52.3	20.2	1.397	*	31.0	35.0	37.0	40.0	48.1	59.0	63.0	72.1	86.1	*
70 years and over	248	55.8	29.4	2.131	*	33.0	36.0	38.0	41.0	49.0	59.0	72.1	79.0	101.1	*
Mexican American															
1 year and over	4,059	63.5	36.8	0.834	33.1	36.0	39.0	41.1	46.0	55.0	68.1	78.1	93.0	120.0	152.1
1–2 years	310	69.8	44.0	2.957	*	38.0	41.0	44.0	50.0	59.0	74.1	85.1	99.0	114.1	*
3–5 years	522	56.1	18.9	0.979	*	35.1	38.0	40.0	45.0	53.0	62.1	71.0	74.1	90.0	*
6–8 years	261	54.0	16.6	1.217	*	*	37.0	39.0	43.0	51.0	62.1	70.1	74.1	*	*
9–11 years	271	57.7	18.2	1.308	*	*	40.0	41.1	46.0	54.1	65.1	74.0	78.1	*	*
12–14 years	218	56.0	16.2	1.302	*	*	41.1	43.0	47.0	53.0	61.1	66.1	71.1	*	*
15–19 years	295	65.5	38.9	2.681	*	37.0	40.0	42.0	46.1	57.0	70.0	79.1	96.1	131.0	*
20–29 years	633	63.2	36.5	1.718	*	35.0	39.0	42.0	46.0	56.0	70.1	78.1	93.1	114.0	*
30–39 years	508	67.8	38.7	2.029	*	38.0	40.1	42.1	47.0	58.0	72.1	83.1	105.0	142.0	*
40–49 years	357	77.5	61.5	3.850	*	37.0	39.1	41.1	46.0	57.0	79.0	108.0	136.2	203.2	*
50–59 years	187	58.4	27.2	2.354	*	*	35.0	37.0	41.0	53.0	63.0	73.1	98.0	*	*
60–69 years	322	58.6	20.6	1.357	*	37.0	39.0	42.0	46.0	54.0	65.1	73.0	79.1	103.1	*
70 years and over	175	62.6	36.8	3.295	*	*	39.0	42.0	45.1	55.0	66.0	75.1	89.0	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 103. Serum ferritin in nanogram per milliliter for persons 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	26,393	105.3	126.8	1.477	8.0	11.0	17.0	21.0	30.0	63.0	136.1	193.1	242.0	332.2	431.4
1–2 years	1,805	25.9	23.4	0.818	3.0	6.0	8.0	10.0	14.0	22.0	32.1	39.1	44.1	60.0	73.1
3–5 years	2,638	32.1	30.4	0.878	9.0	11.0	14.0	16.0	20.0	27.0	38.1	47.0	54.1	69.1	82.1
6–8 years	1,382	35.4	22.7	0.904	13.0	14.0	17.0	18.0	21.0	31.0	44.0	53.0	60.0	77.1	91.1
9–11 years	1,499	37.5	20.8	0.798	10.0	14.0	17.0	20.0	23.0	33.0	47.0	56.0	63.0	75.0	85.0
12–14 years	1,159	41.8	74.3	3.237	7.0	10.0	15.0	18.0	21.0	32.0	45.0	57.0	66.0	83.0	103.1
15–19 years	1,796	50.6	41.6	1.456	6.0	9.0	14.0	18.0	24.0	39.0	67.1	83.1	99.0	121.1	160.0
20–29 years	3,320	88.3	76.5	1.970	7.0	11.0	17.0	22.0	33.0	66.1	121.0	164.1	187.1	239.2	272.2
30–39 years	3,154	119.5	125.4	3.313	6.0	10.0	17.0	24.0	39.0	82.1	163.2	216.0	266.0	333.5	425.5
40–49 years	2,476	132.2	146.7	4.374	6.0	9.0	13.0	20.0	33.0	90.1	178.2	247.2	301.1	412.0	528.9
50–59 years	1,793	153.4	143.9	5.039	14.0	18.0	28.0	39.0	59.0	110.1	200.1	266.2	337.2	434.2	536.5
60–69 years	2,251	170.0	169.1	5.287	16.0	25.0	35.0	45.0	63.1	122.1	224.2	288.1	358.2	475.1	605.3
70 years and over	3,120	155.0	174.3	4.628	14.0	20.0	32.0	41.0	59.0	107.0	189.2	259.4	311.5	442.1	573.6
Non-Hispanic white															
1 year and over	9,590	106.5	122.9	1.866	9.0	12.0	18.0	22.0	31.0	66.1	139.0	193.2	242.1	328.2	425.4
1–2 years	577	25.5	19.0	0.911	*	7.0	9.0	11.0	14.0	21.0	33.0	39.0	42.0	59.1	*
3–5 years	666	30.9	17.5	0.781	*	12.0	15.0	16.0	19.0	26.0	37.1	46.0	54.1	68.1	*
6–8 years	371	34.1	18.9	1.130	*	14.0	16.0	18.0	20.0	29.0	42.0	51.0	57.0	73.1	*
9–11 years	389	36.3	18.2	1.061	*	13.0	17.0	20.0	23.0	33.0	45.1	55.0	59.0	72.0	*
12–14 years	293	43.5	87.5	5.874	*	*	16.0	19.0	21.0	31.0	44.0	56.0	64.1	*	*
15–19 years	474	50.4	38.1	2.009	*	11.0	16.0	19.0	25.0	41.0	68.0	81.0	97.0	119.1	*
20–29 years	861	86.8	73.7	2.886	*	13.0	18.0	23.0	33.0	65.0	116.1	160.1	184.1	238.0	*
30–39 years	1,010	115.6	114.7	4.145	*	12.0	19.0	26.0	41.0	82.0	158.1	207.1	252.2	322.3	*
40–49 years	885	129.9	136.0	5.250	*	9.0	15.0	22.0	34.0	91.1	176.0	240.0	299.4	400.0	*
50–59 years	876	145.7	134.9	5.238	*	17.0	26.0	38.0	56.0	108.0	190.0	253.2	325.5	400.2	*
60–69 years	978	165.8	157.9	5.800	*	24.0	33.1	43.1	63.0	119.1	222.1	284.2	353.0	468.4	*
70 years and over	2,210	150.3	168.5	4.117	*	20.0	31.0	41.0	57.1	105.0	183.0	254.2	304.4	434.1	*
Non-Hispanic black															
1 year and over	7,683	113.9	152.7	2.549	7.0	10.0	17.0	21.0	30.0	61.0	142.2	209.1	267.3	382.0	523.5
1–2 years	538	29.0	26.2	1.311	*	6.0	10.0	12.0	16.0	24.0	34.0	44.0	53.0	62.0	*
3–5 years	853	39.8	62.5	2.487	*	13.0	16.0	19.0	23.0	32.0	44.0	53.0	64.0	90.1	*
6–8 years	442	45.4	36.7	2.030	*	18.0	20.0	22.0	26.0	38.0	56.1	68.0	77.0	92.0	*
9–11 years	508	45.2	29.6	1.527	*	17.0	20.0	22.0	26.0	39.0	56.0	68.0	75.1	89.0	*
12–14 years	405	43.4	39.6	2.288	*	12.0	15.0	18.0	24.0	35.0	52.1	67.1	78.1	105.1	*
15–19 years	626	54.1	48.4	2.250	*	8.0	12.0	16.0	22.0	42.0	71.0	95.0	111.0	137.2	*
20–29 years	1,040	94.2	91.2	3.284	*	8.0	13.0	19.0	29.0	68.0	130.0	173.2	216.1	259.2	*
30–39 years	1,054	137.3	166.5	5.958	*	9.0	17.0	22.0	38.0	90.0	182.0	251.1	317.3	415.0	*
40–49 years	757	159.8	192.8	8.142	*	7.0	12.0	19.0	34.0	99.1	212.2	287.4	360.5	529.3	*
50–59 years	462	208.4	172.7	9.337	*	33.0	46.0	60.1	88.0	156.2	276.4	374.3	430.1	560.5	*
60–69 years	539	208.9	234.2	11.719	*	32.0	48.1	61.0	90.0	146.2	265.3	360.2	430.1	554.9	*
70 years and over	459	212.7	226.2	12.266	*	28.0	40.0	56.0	79.1	146.1	254.2	340.4	423.1	693.3	*
Mexican American															
1 year and over	7,976	83.3	108.2	1.551	4.0	8.0	13.0	16.0	23.0	45.0	106.0	158.2	197.2	274.3	348.4
1–2 years	592	23.7	41.6	2.140	*	3.0	3.0	7.0	10.0	18.0	28.0	36.1	43.0	61.0	*
3–5 years	983	29.7	19.6	0.781	*	9.0	11.0	14.0	18.0	25.0	37.0	45.1	51.0	63.0	*
6–8 years	508	31.8	18.1	1.008	*	11.0	13.0	15.0	19.0	28.0	38.1	46.0	56.0	66.1	*
9–11 years	537	36.1	21.0	1.135	*	14.0	17.0	19.0	22.0	31.0	43.1	52.1	63.0	78.1	*
12–14 years	406	31.6	23.2	1.444	*	9.0	11.0	13.0	17.0	26.0	40.0	49.0	57.1	76.1	*
15–19 years	601	44.5	37.5	1.915	*	6.0	11.0	15.0	20.0	33.1	59.1	77.1	93.1	120.0	*
20–29 years	1,277	89.6	82.0	2.876	*	8.0	14.0	19.0	31.0	68.1	124.1	163.2	196.0	243.2	*
30–39 years	957	118.7	133.7	5.417	*	8.0	13.0	18.0	30.0	78.1	161.2	216.2	276.1	346.3	*
40–49 years	725	124.4	127.9	5.951	*	6.0	11.0	17.0	29.0	91.1	175.1	242.0	278.2	378.3	*
50–59 years	361	149.2	177.5	11.707	*	15.0	22.0	31.0	60.0	110.1	187.1	237.1	284.0	414.4	*
60–69 years	657	153.7	178.2	8.709	*	19.0	30.0	40.0	60.0	108.1	192.2	250.2	291.4	418.4	*
70 years and over	372	131.5	129.2	8.390	*	18.0	24.0	31.0	41.0	93.1	179.1	237.2	303.3	386.4	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 104. Serum ferritin in nanogram per milliliter for males 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988-94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups ¹															
1 year and over	12,603	141.2	139.9	2.358	14.0	18.0	24.0	30.0	47.0	103.0	185.2	248.2	302.0	403.3	503.4
1-2 years	920	24.0	18.2	0.884	3.0	5.0	8.0	10.0	13.0	21.0	30.0	37.0	42.0	57.0	69.1
3-5 years	1,283	30.2	19.2	0.793	9.0	11.0	13.0	15.0	19.0	26.0	35.0	45.0	52.0	69.1	84.0
6-8 years	704	34.3	24.8	1.382	13.0	14.0	16.0	17.0	20.0	29.0	40.0	47.0	56.0	84.0	91.1
9-11 years	762	38.5	19.4	1.039	12.0	15.0	19.0	21.0	25.0	34.0	48.0	56.0	64.0	74.1	85.0
12-14 years	537	40.6	29.6	1.884	11.0	15.0	18.0	20.0	23.0	32.1	50.0	63.0	70.0	92.0	103.1
15-19 years	846	67.5	47.6	2.416	18.0	20.0	26.0	29.0	34.1	57.0	82.1	103.1	118.1	155.1	197.2
20-29 years	1,557	131.2	79.7	2.982	25.0	38.1	52.0	59.1	77.0	113.1	172.1	198.2	238.0	270.0	324.4
30-39 years	1,396	182.7	132.5	5.236	30.0	48.0	66.1	77.1	97.1	152.2	231.1	285.4	325.4	416.5	511.2
40-49 years	1,169	195.1	155.3	6.705	18.0	29.0	50.1	73.0	99.1	159.1	255.1	317.2	385.2	488.1	592.3
50-59 years	830	200.5	165.2	8.466	20.0	34.0	54.0	66.1	94.1	156.1	258.2	353.2	410.4	489.4	632.8
60-69 years	1,135	208.1	182.5	8.000	18.0	28.0	49.0	62.0	86.1	161.2	270.2	365.2	436.2	557.9	695.1
70 years and over	1,464	187.0	185.0	7.137	17.0	28.0	41.1	50.1	73.0	138.0	238.2	320.3	400.5	536.0	649.4
Non-Hispanic white															
1 year and over	4,526	142.2	136.4	3.014	14.0	18.0	25.0	31.0	50.0	106.1	187.0	251.2	302.1	395.3	488.3
1-2 years	301	23.7	18.3	1.220	*	6.0	8.0	10.0	13.0	20.0	28.0	36.0	41.0	47.0	*
3-5 years	324	29.7	19.0	1.221	*	12.0	14.0	15.0	18.0	24.0	33.0	44.0	56.0	69.1	*
6-8 years	192	33.1	19.2	1.603	*	*	16.0	17.0	19.0	29.0	39.0	46.0	54.0	*	*
9-11 years	199	37.1	17.5	1.436	*	*	18.0	21.0	25.0	33.1	48.0	55.0	57.1	*	*
12-14 years	138	39.8	26.5	2.610	*	*	19.0	21.0	24.0	31.0	49.0	61.0	70.0	*	*
15-19 years	204	66.1	42.7	3.464	*	*	27.0	28.0	35.0	59.0	80.0	101.1	114.0	*	*
20-29 years	381	130.2	77.9	4.617	*	41.0	52.0	60.0	77.0	111.1	172.2	197.0	231.1	264.4	*
30-39 years	439	173.7	125.2	6.917	*	48.0	66.1	77.1	95.1	146.0	218.1	272.3	319.2	357.2	*
40-49 years	421	188.0	141.2	7.967	*	28.0	50.0	73.1	99.1	151.2	236.2	304.2	362.4	466.2	*
50-59 years	411	193.9	156.1	8.915	*	34.0	51.0	64.0	91.0	154.2	252.2	349.4	386.4	471.3	*
60-69 years	497	206.8	179.8	9.339	*	29.0	49.0	62.0	87.1	161.2	267.2	365.0	426.3	532.9	*
70 years and over	1,019	182.4	179.5	6.509	*	28.0	41.0	50.0	73.0	135.2	237.1	308.5	388.2	499.2	*
Non-Hispanic black															
1 year and over	3,584	152.0	163.8	4.004	15.0	19.0	25.0	30.0	43.1	98.1	200.2	273.0	343.3	468.2	603.2
1-2 years	269	25.8	17.1	1.149	*	5.0	7.0	10.0	14.0	23.0	31.0	42.0	50.0	62.0	*
3-5 years	415	35.0	19.9	1.074	*	12.0	16.0	19.0	22.0	31.0	41.1	49.0	56.0	74.0	*
6-8 years	223	43.1	46.3	3.408	*	*	19.0	21.0	24.0	33.1	47.0	60.0	77.0	*	*
9-11 years	262	46.1	25.2	1.710	*	18.0	22.0	25.0	29.0	40.0	56.1	66.1	76.1	89.0	*
12-14 years	183	46.8	48.3	3.928	*	*	18.0	19.0	26.0	37.0	57.1	70.1	80.1	*	*
15-19 years	297	72.7	54.8	3.500	*	20.0	25.0	29.0	39.0	59.0	90.1	112.1	135.2	161.1	*
20-29 years	461	145.8	92.4	4.734	*	43.0	54.0	65.1	84.0	123.1	190.0	235.2	256.2	302.4	*
30-39 years	453	213.3	152.0	7.857	*	45.0	62.1	82.0	108.1	174.1	280.1	359.0	415.3	534.3	*
40-49 years	333	259.3	224.3	13.523	*	50.0	69.1	82.1	122.1	198.0	316.4	418.2	523.8	686.4	*
50-59 years	205	252.1	191.1	14.685	*	*	67.0	88.0	130.0	201.0	340.5	423.0	489.5	*	*
60-69 years	268	236.5	196.0	13.171	*	22.0	51.0	71.0	101.0	180.2	317.4	406.2	485.3	612.1	*
70 years and over	215	256.3	246.9	18.524	*	*	51.1	67.1	96.1	183.2	310.3	446.2	660.1	*	*
Mexican American															
1 year and over	3,954	116.3	129.6	2.640	10.0	14.0	19.0	24.0	34.0	80.0	156.2	211.1	253.2	332.1	436.5
1-2 years	291	21.8	19.9	1.502	*	*	3.0	7.0	10.0	17.0	27.0	33.0	42.0	*	*
3-5 years	472	29.0	20.5	1.215	*	8.0	12.0	14.0	17.0	25.0	35.0	45.0	48.0	63.0	*
6-8 years	251	32.3	19.4	1.575	*	*	14.0	15.0	20.0	28.0	38.1	45.0	55.0	*	*
9-11 years	267	36.6	21.7	1.710	*	*	18.0	19.0	22.0	30.0	43.0	52.1	68.1	*	*
12-14 years	190	34.8	23.7	2.216	*	*	14.0	15.0	19.0	28.0	44.0	53.0	60.0	*	*
15-19 years	307	59.9	40.2	2.958	*	17.0	20.0	24.0	31.0	50.0	78.0	98.1	111.0	136.1	*
20-29 years	645	127.8	84.7	4.295	*	37.1	45.0	55.1	70.1	108.0	165.0	203.1	235.1	282.4	*
30-39 years	449	186.5	148.5	9.031	*	42.0	57.1	72.1	96.1	153.1	224.2	306.2	342.1	447.3	*
40-49 years	370	188.0	139.3	9.330	*	33.0	53.1	67.1	93.0	156.1	244.2	302.1	374.2	453.1	*
50-59 years	175	196.5	229.7	22.374	*	*	43.1	63.1	82.1	155.1	235.1	309.1	391.1	*	*
60-69 years	337	194.0	214.9	15.082	*	28.0	39.0	53.0	79.0	137.1	245.1	300.0	392.3	453.5	*
70 years and over	200	153.1	144.5	13.162	*	*	26.0	33.0	48.0	103.1	206.1	280.3	358.1	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 105. Serum ferritin in nanogram per milliliter for females 1 year and over, number of examined persons, mean, standard deviation, standard error of the mean, and selected percentiles, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and age	Number of examined persons	Mean	Standard deviation	Standard error of mean	Percentile										
					2.5th	5th	10th	15th	25th	50th	75th	85th	90th	95th	97.5th
All race/ethnic groups¹															
1 year and over	13,790	71.1	101.8	1.640	6.0	8.0	13.0	17.0	23.0	42.0	82.0	116.1	156.1	227.2	302.2
1–2 years	885	27.9	27.9	1.380	3.0	6.0	9.0	11.0	16.0	23.0	34.0	40.0	47.1	62.0	81.1
3–5 years	1,355	34.0	38.7	1.547	10.0	11.0	15.0	17.0	21.0	30.0	40.0	49.0	56.0	69.0	82.1
6–8 years	678	36.7	19.8	1.120	12.0	14.0	17.0	19.0	23.0	31.0	47.0	56.0	65.1	74.0	84.0
9–11 years	737	36.5	22.1	1.196	10.0	14.0	15.0	18.0	23.0	31.0	44.1	56.1	63.0	76.0	85.0
12–14 years	622	43.2	103.1	6.073	6.0	9.0	11.0	15.0	19.0	31.0	42.0	52.0	60.0	73.0	95.1
15–19 years	950	33.7	25.0	1.194	3.0	6.0	9.0	12.0	17.0	27.0	43.0	54.1	66.1	89.0	100.1
20–29 years	1,763	45.9	41.8	1.465	4.0	7.0	11.0	15.0	21.0	35.0	57.0	77.1	91.1	114.0	145.2
30–39 years	1,758	56.3	77.0	2.699	3.0	6.0	10.0	14.0	21.0	42.0	69.1	88.0	107.1	161.0	198.2
40–49 years	1,307	71.9	107.8	4.383	4.0	6.0	9.0	11.0	18.0	38.0	86.0	117.1	161.0	238.2	354.4
50–59 years	963	108.6	101.5	4.809	10.0	14.0	21.0	27.0	41.0	82.1	139.2	192.1	233.0	296.0	381.2
60–69 years	1,116	137.6	149.4	6.574	16.0	22.0	30.0	38.1	51.1	96.0	176.1	234.2	270.4	363.3	471.4
70 years and over	1,656	133.6	163.3	5.898	14.0	18.0	27.0	35.0	52.0	95.1	160.0	213.2	260.2	364.1	481.5
Non-Hispanic white															
1 year and over	5,064	72.0	96.4	2.015	6.0	9.0	14.0	18.0	24.0	44.0	84.0	118.0	157.2	227.2	294.4
1–2 years	276	27.6	19.6	1.337	*	8.0	9.0	12.0	16.0	23.0	34.0	40.0	48.0	64.0	*
3–5 years	342	32.2	15.7	0.962	*	13.0	16.0	17.0	21.0	29.0	39.1	48.0	54.0	66.1	*
6–8 years	179	35.2	18.6	1.572	*	*	17.0	19.0	22.0	29.0	47.0	53.1	65.0	*	*
9–11 years	190	35.6	18.8	1.546	*	*	16.0	18.0	23.0	31.0	44.0	56.0	62.0	*	*
12–14 years	155	48.1	126.7	11.515	*	*	13.0	16.0	20.0	32.0	42.0	52.0	58.1	*	*
15–19 years	270	34.4	23.5	1.619	*	7.0	11.0	14.0	18.0	28.0	45.1	54.1	66.0	83.1	*
20–29 years	480	45.1	35.8	1.848	*	8.0	13.0	16.0	22.0	37.0	57.0	74.1	90.1	105.1	*
30–39 years	571	55.4	58.3	2.758	*	7.0	12.0	16.0	24.0	43.0	69.0	83.1	99.1	142.0	*
40–49 years	464	70.9	100.5	5.276	*	7.0	10.0	12.0	20.0	39.0	84.1	114.0	152.2	240.1	*
50–59 years	465	99.7	89.3	4.687	*	14.0	20.0	25.0	39.0	79.1	129.0	182.2	216.2	261.1	*
60–69 years	481	130.3	125.7	6.482	*	21.0	30.0	37.0	51.0	91.1	175.0	232.0	254.2	358.1	*
70 years and over	1,191	129.1	157.2	5.154	*	18.0	27.0	35.0	51.0	92.1	157.1	205.2	250.1	341.0	*
Non-Hispanic black															
1 year and over	4,099	81.5	134.3	3.068	4.0	8.0	12.0	16.0	23.0	43.0	93.1	138.1	177.0	271.4	378.4
1–2 years	269	32.1	32.3	2.201	*	7.0	11.0	13.0	18.0	25.0	36.0	46.0	55.0	82.0	*
3–5 years	438	44.7	85.9	4.591	*	13.0	16.0	20.0	24.0	33.0	48.0	58.0	75.1	107.1	*
6–8 years	219	47.8	23.9	1.805	*	*	21.0	25.0	31.0	43.0	62.0	71.0	77.0	*	*
9–11 years	246	44.3	33.5	2.390	*	14.0	18.0	20.0	24.0	37.0	55.0	68.1	75.0	92.0	*
12–14 years	222	40.5	30.0	2.255	*	*	14.0	17.0	22.0	33.0	50.0	62.0	70.1	*	*
15–19 years	329	35.5	31.5	1.942	*	4.0	8.0	9.0	14.0	26.0	46.0	62.0	72.0	100.1	*
20–29 years	579	49.8	62.0	2.880	*	6.0	8.0	12.0	17.0	33.0	61.0	84.0	108.0	143.1	*
30–39 years	601	75.8	151.6	6.915	*	6.0	10.0	15.0	22.0	44.0	88.1	120.1	151.1	211.0	*
40–49 years	424	81.0	112.7	6.118	*	6.0	8.0	11.0	18.0	43.0	108.1	146.2	193.2	238.2	*
50–59 years	257	173.4	147.3	10.275	*	21.0	39.0	51.0	66.1	130.1	232.1	305.0	385.3	511.4	*
60–69 years	271	189.5	255.9	17.379	*	34.0	48.0	57.0	83.1	136.2	204.2	300.4	387.4	478.4	*
70 years and over	244	184.5	206.8	14.798	*	28.0	36.0	48.0	71.0	129.0	220.1	289.2	344.3	469.4	*
Mexican American															
1 year and over	4,022	48.0	62.0	1.253	3.0	5.0	9.0	12.0	17.0	30.0	55.0	81.1	104.0	154.1	200.2
1–2 years	301	25.6	55.5	3.618	*	3.0	3.0	6.0	11.0	19.0	33.0	39.0	43.0	61.0	*
3–5 years	511	30.4	18.5	0.927	*	9.0	11.0	14.0	19.0	26.0	38.0	46.0	55.0	65.0	*
6–8 years	257	31.3	16.8	1.189	*	*	13.0	15.0	18.0	29.0	39.0	46.1	56.0	*	*
9–11 years	270	35.6	20.2	1.390	*	*	16.0	19.0	22.0	31.0	45.0	53.1	62.0	*	*
12–14 years	216	29.0	22.5	1.730	*	*	11.0	11.0	15.0	24.0	36.0	43.0	54.0	*	*
15–19 years	294	27.1	24.4	1.609	*	3.0	6.0	8.0	13.0	22.0	34.0	43.0	48.0	68.1	*
20–29 years	632	41.2	44.5	2.003	*	3.0	7.0	10.0	15.0	29.0	52.1	71.1	84.0	111.1	*
30–39 years	508	45.3	54.9	2.758	*	3.0	8.0	11.0	16.0	31.0	58.0	80.0	91.1	119.1	*
40–49 years	355	57.0	65.7	3.943	*	3.0	6.0	9.0	15.0	32.0	77.0	112.1	136.1	176.1	*
50–59 years	186	104.1	84.3	6.997	*	*	20.0	24.0	37.0	93.0	146.0	186.1	203.1	*	*
60–69 years	320	122.0	134.5	8.507	*	16.0	27.0	34.1	50.0	92.1	158.0	198.1	243.2	291.2	*
70 years and over	172	110.1	107.7	9.288	*	*	23.0	28.0	38.1	77.1	138.2	207.0	230.2	*	*

* Does not meet standards for reliability or precision.

¹Includes all other race/ethnic groups not listed separately.

Table 106. Percent distribution of serum iron in microgram per deciliter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum iron cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	0.9	5.0	2.0	1.1	0.6	0.3	0.4	0.9	0.9	0.8	0.4	0.6	0.7
20–29	2.0	8.0	4.5	2.7	2.2	2.6	1.0	1.6	1.9	2.1	1.5	0.9	1.6
30–39	3.8	9.8	7.2	4.8	4.7	4.1	4.9	3.0	4.0	2.7	2.5	3.2	3.3
40–49	6.0	9.6	7.6	8.1	7.0	6.2	5.8	4.7	5.0	6.0	6.4	5.9	7.0
50–59	8.8	11.3	11.4	10.1	11.5	8.4	7.0	6.2	8.2	8.6	9.5	9.8	10.9
60–69	10.6	11.0	12.2	13.3	10.3	11.8	9.8	9.8	8.1	10.5	11.3	12.2	14.2
70–79	11.9	10.3	12.9	15.1	13.9	11.4	11.1	9.3	9.7	14.7	12.3	13.4	13.3
80–89	11.2	9.2	11.5	11.4	11.9	12.7	10.6	9.6	10.8	11.1	11.9	12.4	12.2
90–99	10.2	10.1	10.3	10.9	10.6	9.0	9.1	9.5	9.2	10.6	11.3	11.7	10.7
100–119	16.1	8.3	11.9	13.4	15.6	14.9	15.6	16.8	19.7	16.1	15.9	15.8	14.0
120–139	9.3	4.9	5.6	6.4	6.7	8.4	11.0	12.5	10.3	8.2	11.3	8.6	6.5
140–159	4.5	1.8	2.1	1.4	3.0	4.8	5.6	7.0	5.5	4.8	3.2	3.3	3.3
160–179	2.6	0.2	0.7	0.7	1.0	2.5	3.8	5.0	4.0	2.0	1.0	1.0	1.7
180 and more	2.2	0.5	0.0	0.6	1.1	2.9	4.3	4.1	2.5	1.8	1.5	1.2	0.6
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	0.8	5.1	1.9	1.2	0.6	0.0	0.3	1.0	0.9	0.4	0.3	0.6	0.6
20–29	1.7	7.9	4.0	2.8	2.3	2.7	0.6	1.2	1.7	1.7	1.5	0.7	1.5
30–39	3.3	9.0	6.5	4.8	4.5	4.3	4.7	2.6	3.2	2.3	2.4	3.1	3.1
40–49	5.6	8.8	7.8	9.0	7.3	4.9	5.6	4.5	3.8	5.7	5.9	5.5	6.8
50–59	8.6	12.1	11.5	10.0	11.8	7.6	6.9	6.2	8.0	8.1	9.2	10.0	10.3
60–69	10.3	9.0	10.6	12.8	8.9	11.8	8.2	9.5	7.7	10.7	10.5	11.7	14.2
70–79	11.9	10.6	12.9	14.9	13.3	12.5	11.8	8.1	9.7	15.0	12.7	12.9	13.2
80–89	11.1	9.8	11.4	8.9	10.2	12.4	9.2	9.5	11.2	11.7	11.9	12.8	12.3
90–99	10.3	10.6	11.2	12.4	11.2	8.7	9.7	9.1	9.5	10.5	11.1	11.6	10.9
100–119	16.8	8.3	12.8	12.9	16.7	14.8	15.7	17.1	21.2	17.0	16.5	16.6	14.5
120–139	9.7	5.8	6.1	7.1	7.2	8.7	11.1	13.2	10.5	8.4	11.9	9.1	6.7
140–159	4.9	2.1	2.5	1.8	3.4	5.0	6.3	7.7	5.9	5.1	3.6	3.0	3.4
160–179	2.8	0.3	0.7	0.8	1.1	3.3	4.4	5.5	4.1	1.9	1.0	1.1	1.9
180 and more	2.4	0.6	0.0	0.5	1.5	3.0	5.4	4.9	2.7	1.7	1.4	1.3	0.6
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	1.3	4.6	2.3	1.1	1.2	1.9	1.1	0.9	0.9	2.1	0.7	0.4	1.6
20–29	3.3	7.1	5.1	3.0	2.0	2.9	2.3	3.5	2.8	3.7	2.5	2.3	4.1
30–39	5.7	13.3	7.1	4.7	5.7	3.1	5.6	6.4	5.0	4.6	5.3	5.2	5.9
40–49	8.3	10.4	8.4	8.7	6.7	10.1	8.3	5.7	8.6	8.0	9.6	10.2	9.9
50–59	10.6	10.9	11.2	8.8	12.2	11.2	8.7	9.3	9.3	11.1	14.6	9.6	15.4
60–69	12.8	13.2	16.7	13.5	13.0	13.4	11.6	10.7	10.2	14.3	15.3	15.0	16.0
70–79	13.2	10.3	13.0	15.9	17.4	11.7	11.1	11.2	13.1	14.4	12.5	17.4	14.5
80–89	11.6	8.0	11.3	16.3	14.5	11.4	12.3	9.4	11.5	11.0	10.9	14.8	12.7
90–99	9.0	8.5	7.8	10.0	8.2	9.6	7.4	10.1	9.7	8.6	7.8	10.8	7.6
100–119	12.2	9.4	9.8	11.7	11.6	13.5	14.6	13.6	14.5	11.5	11.9	8.8	5.9
120–139	6.5	2.6	5.0	4.7	5.6	7.1	9.4	10.1	6.8	4.8	5.3	3.6	4.4
140–159	2.8	0.9	1.9	0.4	1.5	3.3	4.4	5.4	3.3	2.1	1.6	0.9	1.6
160–179	1.3	0.3	0.4	0.6	0.3	0.0	1.8	1.7	2.3	1.8	1.3	0.5	0.1
180 and more	1.3	0.4	0.0	0.7	0.2	0.8	1.5	1.9	2.0	1.9	0.9	0.4	0.3
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	1.7	7.3	2.5	1.0	0.6	0.4	0.8	0.8	1.7	3.5	1.6	0.8	2.0
20–29	2.4	7.9	5.1	3.2	2.0	2.8	1.7	1.1	2.3	3.0	0.2	0.9	1.0
30–39	4.8	11.7	7.0	8.2	7.4	4.8	5.4	3.1	3.4	4.3	3.9	1.9	3.5
40–49	6.6	13.1	9.7	5.8	7.0	7.1	4.8	5.5	5.7	5.7	7.7	7.3	9.0
50–59	8.3	10.1	10.3	9.8	9.1	9.1	7.3	6.2	8.2	8.5	8.8	9.6	13.1
60–69	11.1	11.8	12.7	11.7	14.0	12.5	10.9	10.1	9.1	9.9	14.7	13.8	11.3

See footnotes at end of table.

Table 106. Percent distribution of serum iron in microgram per deciliter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected serum iron cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
70–79	11.0	6.8	11.9	11.7	9.7	10.7	9.7	10.9	10.3	11.7	14.5	15.3	12.3
80–89	10.7	8.3	10.6	14.2	12.0	9.3	11.1	10.8	11.2	9.2	9.3	11.3	10.7
90–99	9.2	8.7	9.7	7.8	9.5	10.9	8.9	8.7	7.7	10.2	11.9	10.7	8.0
100–119	15.3	8.3	11.9	15.9	12.4	17.5	16.8	16.9	16.9	15.0	13.9	11.9	17.3
120–139	8.9	3.2	5.4	7.1	11.8	6.2	8.7	11.0	9.7	9.7	8.4	9.3	5.7
140–159	5.1	2.0	2.1	2.2	3.4	4.2	5.8	7.5	6.6	4.5	3.1	5.0	3.9
160–179	2.5	0.2	0.8	0.8	0.5	2.2	4.3	3.7	3.6	2.6	0.6	1.0	1.9
180 and more	2.4	0.5	0.3	0.6	0.6	2.2	3.7	3.7	3.7	2.2	1.5	1.4	0.2

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 107. Percent distribution of serum iron in microgram per deciliter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum iron cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	0.5	4.8	2.0	1.4	0.5	0.1	0.0	0.7	0.1	0.1	0.4	0.3	0.6
20–29	1.3	8.4	4.4	2.8	2.1	2.3	0.5	0.5	0.6	0.3	0.9	0.9	1.8
30–39	2.4	10.3	7.6	3.0	3.0	4.1	2.4	1.5	1.5	0.8	1.3	2.6	3.2
40–49	3.9	9.4	8.0	9.0	8.5	3.9	3.7	2.7	1.5	2.5	4.1	3.3	5.1
50–59	7.4	10.4	11.7	8.3	13.6	8.3	6.3	4.7	6.1	6.9	7.8	7.6	10.0
60–69	10.3	11.2	11.5	16.4	10.9	13.3	8.4	9.7	7.8	10.3	11.7	9.4	11.3
70–79	11.5	11.7	12.3	16.2	11.9	12.8	10.3	9.4	10.4	14.6	9.4	12.3	11.5
80–89	11.2	8.5	12.7	9.0	12.2	11.8	12.6	8.7	11.4	11.7	11.8	12.7	11.8
90–99	10.5	9.3	8.9	8.7	8.7	9.4	8.2	10.6	10.0	11.6	10.8	14.0	11.9
100–119	18.6	8.9	11.8	15.0	19.2	12.5	15.8	18.6	23.8	21.4	18.5	18.6	16.0
120–139	11.5	4.5	5.5	6.7	4.3	10.2	15.0	14.6	13.3	10.1	16.3	10.2	8.6
140–159	5.2	2.2	2.6	2.1	3.4	4.8	6.1	8.0	5.4	5.2	4.2	4.8	4.9
160–179	3.4	0.2	0.9	0.9	0.4	3.2	5.1	6.2	5.8	2.2	1.5	1.7	2.4
180 and more	2.4	0.2	0.0	0.6	1.3	3.3	5.6	4.0	2.4	2.2	1.6	1.5	0.9
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	0.5	4.3	2.0	1.5	0.3	0.0	0.0	1.0	0.0	0.1	0.4	0.3	0.6
20–29	1.2	7.8	3.4	2.8	2.9	2.5	0.4	0.4	0.5	0.2	1.0	0.7	1.9
30–39	2.1	9.0	6.6	2.5	2.2	3.8	3.1	1.0	1.6	0.5	0.9	2.3	3.1
40–49	3.6	7.7	9.0	10.0	8.9	3.5	4.3	2.6	0.9	2.5	3.6	3.1	4.8
50–59	7.4	10.5	11.6	7.5	14.7	7.0	7.0	4.4	6.3	7.1	8.0	8.0	9.6
60–69	9.9	9.9	9.9	16.3	9.4	13.8	7.1	10.0	7.5	10.4	10.6	8.8	11.3
70–79	11.5	12.8	12.2	16.4	12.3	14.1	11.5	7.3	10.3	15.4	10.0	11.8	11.0
80–89	11.0	9.1	13.1	7.3	9.2	10.8	11.7	7.7	12.0	11.6	12.1	12.9	11.9
90–99	10.6	11.0	9.6	9.4	7.9	9.5	8.1	10.1	10.0	11.9	9.8	14.0	12.2
100–119	19.2	9.3	12.5	15.3	22.2	11.8	13.1	19.0	25.3	21.8	18.5	19.8	16.6
120–139	11.8	5.0	6.1	7.1	3.9	10.0	15.2	16.3	12.3	10.1	17.1	10.7	8.6
140–159	5.3	3.0	3.4	2.7	3.9	4.4	6.4	8.5	5.8	4.8	4.7	3.9	4.9
160–179	3.6	0.3	0.7	1.2	0.5	4.5	5.8	7.1	5.5	1.7	1.5	1.9	2.6
180 and more	2.5	0.3	0.0	0.2	1.7	4.2	6.5	4.7	2.0	2.0	1.7	1.7	0.9
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	0.7	5.0	2.7	1.6	1.2	1.1	0.0	0.0	0.2	0.0	0.0	0.8	0.9
20–29	1.6	7.9	4.9	3.2	0.7	2.6	0.9	0.2	0.8	0.8	1.1	2.4	2.5
30–39	3.6	14.9	8.9	5.2	4.6	3.1	0.6	3.0	1.4	1.9	4.0	4.3	5.0
40–49	6.4	12.5	9.0	10.3	9.1	8.8	3.3	4.4	3.4	4.7	8.7	8.0	9.7
50–59	8.7	13.0	11.5	7.0	14.5	9.8	7.3	7.2	6.0	6.8	11.7	7.9	14.3
60–69	12.6	13.8	15.6	13.5	12.3	15.1	12.5	9.2	10.9	13.9	16.1	14.2	13.0
70–79	12.8	9.5	12.5	18.7	15.2	10.5	11.0	11.9	13.1	11.8	9.6	16.1	17.8
80–89	12.9	5.9	10.0	14.7	16.1	11.8	14.2	11.0	13.4	16.1	9.5	17.1	12.0
90–99	10.3	8.4	8.9	6.9	6.4	6.4	10.0	12.4	12.2	10.4	11.2	11.4	9.7
100–119	14.8	6.3	9.1	12.2	13.9	15.6	19.2	17.2	18.0	16.5	14.4	8.5	5.4
120–139	8.4	2.2	5.1	4.9	4.4	10.5	12.4	13.0	8.8	6.2	8.0	6.0	7.4
140–159	3.5	0.8	1.4	0.3	1.1	4.0	4.1	6.2	5.0	3.2	2.6	1.7	1.1
160–179	1.8	0.0	0.5	0.3	0.0	0.0	2.1	2.0	3.3	3.9	1.9	0.6	0.3
180 and more	2.0	0.0	0.0	1.2	0.4	0.7	2.5	2.3	3.4	3.7	1.4	1.0	0.8
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	1.0	7.8	3.0	0.6	0.6	0.0	0.0	0.4	0.7	0.3	1.3	0.6	2.3
20–29	1.5	8.1	5.7	3.5	1.7	1.5	0.6	0.4	1.0	0.4	0.5	0.8	0.7
30–39	3.5	10.4	7.1	6.8	5.7	5.9	2.9	1.9	0.7	2.3	5.1	0.9	3.4
40–49	4.0	15.4	8.2	6.4	7.5	2.4	1.6	1.8	1.8	2.7	7.2	3.1	7.4
50–59	7.0	8.4	10.6	11.5	10.1	8.7	5.3	4.0	7.0	6.9	3.2	9.7	13.6
60–69	10.2	13.9	11.2	12.9	9.9	14.6	10.7	8.8	8.3	8.8	12.9	12.2	9.7
70–79	11.0	8.5	13.9	10.5	8.7	14.0	10.2	10.2	10.2	12.2	11.9	15.4	9.6

See footnotes at end of table.

Table 107. Percent distribution of serum iron in microgram per deciliter for males 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected serum iron cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
80–89	11.2	7.7	10.3	12.5	11.8	9.8	10.8	11.8	12.4	10.2	10.4	13.4	8.7
90–99	9.6	6.5	10.2	7.7	11.2	10.5	8.8	9.9	8.8	11.7	11.4	8.0	7.0
100–119	17.4	6.8	11.5	15.5	15.9	16.6	22.4	20.4	17.3	18.5	16.6	11.5	18.5
120–139	10.3	4.2	4.7	8.0	11.2	7.0	8.3	12.3	12.4	11.8	11.1	11.5	8.6
140–159	6.3	2.1	1.8	2.5	3.8	5.5	6.9	8.8	7.8	6.2	4.8	8.6	7.8
160–179	3.3	0.2	1.4	1.4	0.7	1.0	5.1	4.1	5.6	4.2	1.2	1.9	2.2
180 and more	3.7	0.0	0.3	0.3	1.0	2.6	6.4	5.2	6.1	3.7	2.3	2.4	0.5

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 108. Percent distribution of serum iron in microgram per deciliter for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum iron cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	1.2	5.2	2.1	0.8	0.8	0.5	0.9	1.1	1.8	1.4	0.4	0.8	0.7
20–29	2.7	7.6	4.7	2.6	2.3	2.8	1.5	2.6	3.3	3.9	2.0	0.8	1.5
30–39	5.1	9.3	6.7	6.8	6.3	4.1	7.4	4.5	6.4	4.4	3.7	3.7	3.4
40–49	8.0	9.9	7.2	7.0	5.4	8.7	7.9	6.6	8.6	9.3	8.5	8.1	8.3
50–59	10.1	12.3	11.1	12.1	9.4	8.6	7.7	7.8	10.4	10.3	11.2	11.8	11.5
60–69	11.0	10.7	12.9	9.8	9.6	10.2	11.2	9.8	8.3	10.7	10.9	14.5	16.0
70–79	12.3	8.8	13.5	14.0	15.8	10.0	12.0	9.2	9.1	14.8	15.1	14.4	14.4
80–89	11.1	9.9	10.3	14.1	11.6	13.7	8.6	10.5	10.2	10.6	12.1	12.2	12.5
90–99	9.8	10.9	11.8	13.4	12.5	8.5	10.0	8.4	8.4	9.6	11.8	9.8	9.9
100–119	13.6	7.7	12.0	11.6	12.1	17.6	15.4	15.0	15.6	11.0	13.5	13.3	12.7
120–139	7.3	5.3	5.7	6.1	9.0	6.5	7.0	10.5	7.3	6.3	6.6	7.1	5.1
140–159	3.9	1.2	1.6	0.7	2.6	4.7	5.1	6.1	5.6	4.4	2.2	2.1	2.3
160–179	1.8	0.3	0.5	0.3	1.7	1.6	2.5	3.8	2.2	1.8	0.6	0.4	1.3
180 and more	2.0	0.9	0.0	0.7	0.9	2.5	2.9	4.2	2.7	1.5	1.4	0.9	0.3
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	1.0	6.0	1.8	0.8	0.9	0.0	0.7	1.1	1.8	0.6	0.2	0.9	0.6
20–29	2.3	8.0	4.6	2.8	1.8	3.0	0.9	2.0	2.9	3.2	1.9	0.7	1.2
30–39	4.6	9.0	6.5	7.7	6.8	4.9	6.4	4.0	4.8	4.0	3.8	3.7	3.1
40–49	7.4	9.9	6.5	7.9	5.7	6.6	7.0	6.3	6.8	9.1	8.0	7.6	8.1
50–59	9.7	14.0	11.4	13.1	9.1	8.2	6.9	7.9	9.8	9.1	10.3	11.7	10.8
60–69	10.6	8.0	11.5	8.7	8.4	9.4	9.4	9.1	7.9	11.0	10.5	14.3	16.0
70–79	12.3	8.1	13.7	13.1	14.2	10.6	12.0	9.0	9.1	14.5	15.3	13.8	14.7
80–89	11.3	10.5	9.5	10.9	11.1	14.4	6.6	11.2	10.3	11.8	11.7	12.7	12.6
90–99	10.1	10.2	12.9	16.0	14.3	7.9	11.3	8.1	8.9	9.1	12.4	9.6	10.0
100–119	14.4	7.2	13.1	10.1	11.4	18.5	18.4	15.2	17.0	12.0	14.7	13.8	13.1
120–139	7.7	6.7	6.0	7.2	10.3	7.2	6.8	10.2	8.5	6.6	7.0	7.7	5.4
140–159	4.4	1.1	1.6	0.7	3.0	5.8	6.3	7.0	6.1	5.3	2.6	2.2	2.4
160–179	2.0	0.3	0.7	0.3	1.8	2.0	3.1	3.9	2.7	2.2	0.5	0.3	1.4
180 and more	2.3	1.0	0.0	0.8	1.3	1.6	4.3	5.1	3.5	1.4	1.1	1.1	0.4
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	1.9	4.2	1.9	0.7	1.2	2.6	2.2	1.6	1.5	3.7	1.2	0.2	2.0
20–29	4.6	6.5	5.3	2.9	3.3	3.2	3.7	6.3	4.5	6.0	3.6	2.3	5.2
30–39	7.4	11.8	5.2	4.2	6.8	3.1	10.6	9.4	7.9	6.7	6.3	5.9	6.4
40–49	9.9	8.4	7.7	7.2	4.1	11.2	13.2	6.7	12.8	10.6	10.3	11.9	10.1
50–59	12.2	8.8	10.9	10.4	9.8	12.4	10.1	11.2	12.0	14.5	16.9	10.8	16.0
60–69	13.1	12.6	17.9	13.4	13.7	12.0	10.6	12.0	9.7	14.6	14.6	15.6	17.9
70–79	13.6	11.1	13.5	13.2	19.6	12.6	11.2	10.7	13.0	16.4	14.8	18.3	12.4
80–89	10.6	10.0	12.6	17.8	12.9	11.0	10.3	8.0	10.1	7.1	12.1	13.1	13.1
90–99	8.0	8.7	6.8	12.9	10.2	12.3	4.8	8.2	7.7	7.1	5.0	10.4	6.3
100–119	10.0	12.4	10.6	11.2	9.1	11.7	10.1	10.5	11.7	7.5	9.9	9.1	6.2
120–139	4.9	3.1	5.0	4.6	6.8	4.3	6.4	7.7	5.2	3.8	3.2	1.9	2.4
140–159	2.3	1.0	2.4	0.5	2.0	2.7	4.8	4.7	1.8	1.3	0.9	0.3	2.0
160–179	0.8	0.6	0.4	0.8	0.5	0.0	1.5	1.5	1.4	0.2	0.8	0.4	0.0
180 and more	0.7	0.8	0.0	0.3	0.0	0.9	0.5	1.6	0.8	0.6	0.5	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 20	2.5	6.8	2.1	1.4	0.4	0.8	1.8	1.4	2.9	7.0	2.0	1.0	1.7
20–29	3.2	7.6	4.5	3.0	2.3	3.9	3.0	2.1	3.8	5.6	0.0	1.0	1.3
30–39	6.2	13.1	6.8	9.5	9.3	4.0	8.2	4.6	6.2	6.4	2.6	2.7	3.7
40–49	9.4	10.7	11.2	5.2	6.4	11.2	8.4	10.2	9.9	8.9	8.1	10.6	10.6
50–59	9.7	11.9	9.9	8.1	8.1	9.4	9.5	8.9	9.4	10.1	14.2	9.5	12.6
60–69	12.1	9.8	14.2	10.5	18.5	10.7	11.1	11.7	9.9	11.0	16.3	15.0	12.9

See footnotes at end of table.

Table 108. Percent distribution of serum iron in microgram per deciliter for females 1 year and over, by race/ethnicity and age: United States, 1988–94—Con.

Race/ethnicity and selected serum iron cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
Mexican American—Con.													
70–79	11.1	5.1	9.9	12.8	10.8	8.0	9.1	11.7	10.5	11.3	16.9	15.1	14.9
80–89	10.2	8.9	11.0	15.9	12.2	8.9	11.5	9.6	9.9	8.1	8.3	9.6	12.6
90–99	8.7	11.0	9.2	7.9	7.6	11.2	9.1	7.1	6.6	8.7	12.4	12.9	9.0
100–119	13.1	9.9	12.3	16.3	8.5	18.4	10.5	12.4	16.3	11.2	11.3	12.1	16.2
120–139	7.5	2.2	6.1	6.3	12.6	5.6	9.2	9.4	6.7	7.6	5.8	7.5	2.9
140–159	3.7	1.8	2.4	1.8	3.0	3.0	4.5	5.9	5.4	2.8	1.4	2.2	0.0
160–179	1.6	0.2	0.1	0.3	0.2	3.3	3.4	3.2	1.5	0.9	0.0	0.2	1.6
180 and more	1.0	1.1	0.3	0.9	0.3	1.8	0.7	1.8	1.0	0.5	0.7	0.6	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 109. Percent distribution of serum total iron-binding capacity in microgram per deciliter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum TIBC cutoffs ¹	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups²													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
150–199	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.3
200–249	1.2	0.6	1.1	0.1	0.1	0.0	0.2	0.8	1.6	0.9	1.8	2.1	3.2
250–299	10.8	5.6	5.9	7.5	4.2	2.9	4.9	9.5	12.1	11.6	12.3	15.6	21.1
300–349	32.6	20.2	32.1	28.4	23.8	18.2	27.7	31.8	35.0	34.9	37.4	38.3	36.3
350–399	32.9	36.1	37.8	36.0	41.5	38.0	38.0	31.8	31.7	32.3	30.9	30.9	25.9
400–449	15.9	23.6	17.7	21.5	22.5	28.7	19.2	17.5	14.0	14.8	13.5	9.4	9.8
450–499	5.0	10.5	4.7	5.5	6.5	10.0	6.8	6.2	4.5	4.3	3.2	2.4	2.6
500 and more	1.4	3.4	0.6	0.9	1.4	2.2	3.1	2.5	1.0	1.0	0.6	1.1	0.7
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150–199	0.1	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.3
200–249	1.2	0.5	1.5	0.0	0.0	0.0	0.1	0.7	1.9	0.9	1.4	2.1	2.7
250–299	11.0	6.7	6.6	9.6	4.0	2.9	5.2	8.7	12.5	11.1	11.3	15.0	20.5
300–349	33.7	24.2	35.4	29.1	25.3	18.3	29.3	33.4	35.5	36.2	36.0	38.0	36.4
350–399	32.6	35.6	37.4	34.3	42.3	37.7	37.7	30.4	32.3	32.2	32.6	31.6	26.3
400–449	15.5	21.2	14.9	22.0	22.2	29.9	18.3	17.7	13.3	14.9	14.3	9.4	10.4
450–499	4.6	9.7	3.5	4.4	5.7	10.1	6.2	6.7	3.7	3.9	3.4	2.5	2.7
500 and more	1.2	2.0	0.4	0.5	0.5	1.2	3.2	2.2	0.9	0.6	0.6	1.3	0.8
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.6
150–199	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.2	1.2
200–249	1.6	0.5	0.2	0.4	0.2	0.0	0.7	1.1	1.1	1.1	3.9	3.9	9.0
250–299	12.9	4.2	4.2	4.3	3.2	3.1	6.6	11.9	15.8	16.0	20.5	24.4	29.7
300–349	32.2	12.1	27.9	27.1	25.9	21.9	29.7	31.1	36.0	34.0	44.3	40.2	34.4
350–399	32.0	42.8	41.9	42.7	42.4	42.3	36.8	31.9	29.0	29.5	19.7	23.1	19.0
400–449	14.5	26.2	19.9	19.9	19.2	24.4	17.7	16.3	11.4	11.9	9.1	6.6	4.2
450–499	5.0	10.6	5.1	4.2	7.5	6.8	5.1	4.9	5.4	6.4	1.9	1.2	1.9
500 and more	1.5	3.5	0.7	1.3	1.6	1.5	3.4	2.8	1.1	1.0	0.0	0.5	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
150–199	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
200–249	1.1	1.6	0.9	0.7	0.4	0.0	0.4	1.4	0.8	1.2	2.0	2.4	3.0
250–299	8.2	3.3	5.9	2.9	3.4	2.6	3.8	11.1	9.9	10.1	10.2	16.9	14.9
300–349	24.8	17.4	24.3	24.7	17.7	14.5	16.5	25.7	28.6	28.4	31.0	32.6	37.7
350–399	33.3	29.8	36.6	39.7	31.6	29.7	35.8	32.4	32.1	36.9	30.8	31.2	28.8
400–449	20.7	25.3	23.8	23.1	31.1	30.3	25.6	19.0	18.6	13.7	17.9	12.3	10.9
450–499	8.9	14.8	8.0	6.8	12.1	19.9	13.7	6.8	8.0	6.5	6.1	4.3	3.2
500 and more	2.9	7.7	0.6	2.2	3.7	3.0	4.2	3.6	2.0	3.2	2.1	0.1	1.3

0.0 Quantity more than zero but less than 0.05.

¹TIBC is total iron-binding capacity.²Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 110. Percent distribution of serum total iron-binding capacity in microgram per deciliter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum TIBC cutoffs ¹	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ²													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
150–199	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.0	0.5
200–249	1.2	0.4	0.7	0.1	0.1	0.0	0.2	1.3	0.9	0.9	2.1	2.6	4.1
250–299	11.3	3.9	5.8	8.2	3.7	2.3	5.6	11.1	13.1	11.1	11.2	18.4	23.8
300–349	36.3	20.7	33.3	28.3	25.5	18.8	31.9	39.1	38.5	40.8	41.5	39.5	38.6
350–399	33.5	35.3	35.2	34.7	43.6	36.8	41.1	33.1	33.1	34.2	30.8	28.2	23.9
400–449	13.9	23.5	18.8	22.2	17.8	30.4	16.9	13.3	12.4	10.9	11.6	8.4	6.7
450–499	3.1	11.8	5.6	5.6	8.9	10.3	3.1	1.5	1.8	1.7	2.1	2.0	1.6
500 and more	0.6	4.5	0.5	0.8	0.5	1.3	1.1	0.4	0.0	0.2	0.2	1.0	0.6
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150–199	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.7	0.0	0.4
200–249	1.3	0.0	1.0	0.0	0.0	0.0	0.0	1.5	1.0	0.8	1.9	2.5	3.7
250–299	11.2	4.3	7.0	10.1	3.0	2.3	5.6	10.2	12.3	10.6	9.7	18.2	23.7
300–349	37.3	25.5	38.2	29.8	28.3	19.7	31.7	41.3	38.5	41.7	40.0	39.3	38.0
350–399	33.0	34.2	35.1	31.7	42.2	36.1	42.7	30.4	33.6	34.0	32.6	28.7	24.6
400–449	13.9	22.1	14.1	23.5	18.0	30.9	16.4	14.6	12.7	11.1	12.7	8.3	7.2
450–499	2.8	10.6	4.7	4.8	8.5	11.1	2.3	1.5	1.7	1.5	2.2	1.8	1.7
500 and more	0.4	3.3	0.0	0.1	0.0	0.0	1.3	0.4	0.0	0.1	0.3	1.1	0.7
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
150–199	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.4	1.5
200–249	1.9	1.1	0.0	0.3	0.0	0.0	1.2	1.2	1.4	1.5	6.3	5.6	7.9
250–299	14.4	4.6	3.3	6.3	2.5	2.0	8.1	18.2	20.3	17.4	18.9	24.3	26.7
300–349	35.9	10.7	29.4	22.7	30.0	26.5	34.1	41.7	37.5	39.9	46.6	38.1	41.5
350–399	31.2	44.5	40.5	44.3	40.6	34.8	36.9	28.9	28.9	30.7	17.4	22.1	17.1
400–449	12.4	22.1	21.0	19.6	17.2	27.2	16.9	7.9	8.9	8.9	8.5	7.0	3.5
450–499	3.4	13.3	5.4	5.6	8.2	7.5	2.4	1.3	2.6	1.4	1.8	2.0	1.9
500 and more	0.7	3.7	0.3	1.1	1.5	2.1	0.4	1.0	0.0	0.2	0.0	0.6	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3
150–199	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200–249	1.1	2.2	0.8	0.8	0.8	0.0	0.4	1.7	0.5	0.9	1.0	2.8	2.0
250–299	9.4	1.3	5.7	2.3	2.8	3.8	5.0	13.0	12.0	11.3	10.8	18.1	16.0
300–349	27.2	11.6	22.1	20.1	18.1	9.2	21.3	29.8	34.9	34.1	32.4	35.0	37.6
350–399	37.0	35.5	38.5	44.6	35.7	32.3	41.7	37.5	35.6	36.7	36.5	29.6	31.5
400–449	17.7	23.1	23.1	20.9	27.4	32.7	20.6	15.2	14.2	11.7	14.7	9.8	10.5
450–499	6.1	16.3	8.9	7.9	12.3	18.6	8.6	2.3	2.2	4.6	4.6	4.6	1.9
500 and more	1.5	10.1	0.9	3.3	2.8	3.4	2.4	0.4	0.5	0.7	0.0	0.0	0.2

0.0 Quantity more than zero but less than 0.05.

¹TIBC is total iron-binding capacity.²Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 111. Percent distribution of serum total iron-binding capacity in microgram per deciliter for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum TIBC cutoffs ¹	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ²													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
150–199	0.1	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2
200–249	1.2	0.8	1.4	0.1	0.1	0.0	0.2	0.2	2.2	0.9	1.5	1.7	2.6
250–299	10.4	7.4	6.1	6.6	4.6	3.5	4.3	7.9	11.1	12.1	13.3	13.1	19.2
300–349	29.2	19.8	30.8	28.4	22.1	17.4	23.5	24.5	31.5	29.2	33.5	37.3	34.8
350–399	32.3	36.9	40.5	37.4	39.5	39.4	34.8	30.5	30.3	30.6	31.1	33.3	27.2
400–449	17.9	23.7	16.5	20.7	27.2	26.8	21.6	21.6	15.6	18.6	15.2	10.3	11.9
450–499	6.7	9.2	3.8	5.4	4.1	9.6	10.5	10.8	7.2	6.8	4.3	2.8	3.2
500 and more	2.3	2.2	0.7	1.0	2.4	3.2	5.1	4.5	2.0	1.8	1.0	1.2	0.8
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
150–199	0.1	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2
200–249	1.2	1.1	2.1	0.0	0.0	0.0	0.2	0.0	2.8	1.0	1.0	1.7	2.0
250–299	10.8	9.3	6.1	9.0	4.9	3.5	4.7	7.3	12.6	11.7	12.7	12.2	18.4
300–349	30.3	22.9	32.4	28.2	22.5	16.7	26.9	25.7	32.3	30.6	32.2	37.0	35.3
350–399	32.3	37.0	40.1	37.5	42.5	39.6	32.5	30.4	30.9	30.4	32.6	34.0	27.4
400–449	17.1	20.3	15.8	20.2	26.1	28.7	20.3	20.7	13.9	18.7	15.9	10.2	12.5
450–499	6.3	8.7	2.3	3.9	3.0	8.9	10.2	11.8	5.7	6.4	4.5	3.2	3.3
500 and more	1.9	0.6	0.8	0.9	1.0	2.6	5.2	4.0	1.8	1.1	1.0	1.4	0.9
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
150–199	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0
200–249	1.4	0.0	0.4	0.4	0.4	0.0	0.2	1.0	0.9	0.7	2.0	2.7	9.7
250–299	11.7	3.8	5.0	2.5	4.0	4.0	5.1	6.6	12.1	14.9	21.8	24.5	31.6
300–349	29.1	13.5	26.4	31.3	21.8	18.0	25.3	22.1	34.8	29.3	42.5	41.7	29.9
350–399	32.6	41.2	43.4	41.2	44.2	48.7	36.7	34.5	29.0	28.6	21.5	23.7	20.3
400–449	16.4	30.2	18.8	20.2	21.2	22.1	18.4	23.6	13.3	14.3	9.6	6.3	4.7
450–499	6.4	8.0	4.9	2.9	6.8	6.2	7.7	7.9	7.7	10.4	1.9	0.7	1.9
500 and more	2.3	3.3	1.1	1.6	1.6	1.0	6.5	4.4	2.0	1.7	0.0	0.4	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150–199	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
200–249	1.1	1.0	1.0	0.6	0.0	0.0	0.4	1.1	1.2	1.4	2.9	2.1	4.0
250–299	7.0	5.3	6.0	3.4	4.0	1.6	2.5	8.7	7.5	8.9	9.5	16.0	13.8
300–349	22.2	23.2	26.5	29.1	17.2	19.0	11.0	20.5	21.8	22.4	29.6	30.8	37.8
350–399	29.4	24.1	34.6	35.0	27.1	27.4	29.0	25.9	28.3	37.1	25.5	32.4	26.2
400–449	23.9	27.6	24.5	25.1	35.2	28.3	31.2	23.7	23.4	15.8	20.9	14.3	11.3
450–499	11.9	13.4	7.1	5.7	11.8	21.1	19.5	12.4	14.2	8.5	7.5	4.1	4.5
500 and more	4.5	5.4	0.3	1.1	4.6	2.6	6.3	7.7	3.6	5.9	4.1	0.3	2.3

0.0 Quantity more than zero but less than 0.05.

¹TIBC is total iron-binding capacity.²Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 112. Percent distribution of transferrin saturation in percents for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected transferrin saturation cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	0.9	5.0	1.7	0.6	0.6	0.5	0.5	0.8	1.3	1.0	0.3	0.6	0.3
5.0–9.9	4.6	16.1	9.6	6.1	7.5	5.6	4.9	4.3	4.4	4.0	2.8	2.5	2.7
10.0–11.9	3.3	7.4	4.8	5.0	3.3	5.5	3.5	2.9	3.2	2.8	2.7	2.6	2.8
12.0–13.9	4.8	8.7	6.8	7.6	7.4	6.2	5.2	4.0	3.3	4.2	5.3	4.0	5.0
14.0–15.9	5.8	8.4	8.6	6.8	7.2	6.8	5.8	5.1	5.0	6.3	4.8	5.5	6.1
16.0–17.9	7.1	8.6	9.1	10.3	8.6	7.3	7.4	5.4	6.7	6.8	7.9	7.6	6.6
18.0–19.9	7.8	9.2	8.4	10.4	12.4	9.6	8.4	5.9	5.1	8.5	9.0	8.2	9.1
20.0–24.9	19.9	14.0	22.3	22.6	19.2	19.9	18.6	17.1	18.3	21.4	20.7	21.6	23.5
25.0–29.9	16.3	12.8	15.5	17.7	15.7	17.3	13.8	14.7	16.4	17.0	18.0	18.5	16.4
30.0–39.9	19.7	7.7	9.6	10.0	13.6	15.0	18.9	25.2	22.6	18.9	20.3	21.2	19.9
40.0–49.9	6.7	1.3	2.9	1.8	3.1	5.0	8.3	9.5	9.3	6.1	5.7	5.5	5.4
50.0–74.9	2.9	0.8	0.6	0.8	1.4	1.3	4.6	4.3	4.2	3.0	1.9	1.9	2.1
75.0 and more	0.3	0.0	0.0	0.2	0.1	0.0	0.2	0.7	0.3	0.1	0.4	0.2	0.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	0.7	4.9	1.2	0.8	0.6	0.2	0.3	0.8	1.1	0.6	0.3	0.6	0.3
5.0–9.9	4.0	14.7	8.0	6.2	7.9	5.6	3.9	3.9	3.7	3.3	2.7	2.5	2.6
10.0–11.9	2.9	6.6	4.3	5.1	3.3	4.7	3.6	2.7	2.1	2.5	2.6	2.6	2.6
12.0–13.9	4.6	9.5	7.1	7.7	6.3	6.3	4.7	3.8	3.1	3.8	5.6	4.0	5.0
14.0–15.9	5.4	8.6	8.5	5.7	6.5	5.1	5.6	5.0	4.6	5.9	4.6	5.2	5.9
16.0–17.9	7.0	9.1	8.7	10.3	7.5	8.4	7.5	5.0	6.9	6.8	7.6	7.5	6.5
18.0–19.9	7.7	7.9	6.7	9.9	14.1	10.6	8.7	6.0	4.7	8.0	9.3	7.8	8.7
20.0–24.9	19.8	12.2	23.4	22.3	17.9	17.1	16.9	16.2	18.5	22.8	19.8	21.8	23.9
25.0–29.9	16.7	15.9	16.8	18.4	16.0	18.7	13.9	14.1	16.8	18.0	18.3	17.9	16.3
30.0–39.9	20.6	8.1	10.9	10.6	14.1	16.1	19.5	26.7	23.6	19.2	20.6	22.0	20.2
40.0–49.9	7.1	1.6	3.9	1.5	3.5	6.6	9.4	10.1	9.9	6.1	6.2	5.8	5.6
50.0–74.9	3.2	1.0	0.4	1.1	2.1	0.7	5.8	5.0	4.6	2.8	2.0	2.1	2.1
75.0 and more	0.3	0.0	0.0	0.4	0.1	0.0	0.2	0.9	0.3	0.1	0.2	0.2	0.3
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	1.3	4.6	1.5	0.4	1.0	2.1	1.0	1.3	1.6	2.0	0.4	0.3	0.8
5.0–9.9	7.1	18.6	11.7	6.7	7.6	6.0	7.6	7.4	5.8	7.2	5.6	3.5	4.8
10.0–11.9	4.5	9.4	6.0	7.0	4.1	6.6	4.6	4.4	3.5	4.1	2.9	3.8	4.8
12.0–13.9	5.8	8.5	7.0	6.0	7.9	6.9	6.6	5.4	5.1	4.7	6.0	5.2	4.3
14.0–15.9	7.4	8.5	8.6	6.8	7.9	11.1	6.9	5.9	7.1	8.9	7.4	6.3	5.7
16.0–17.9	7.9	8.0	11.1	11.1	9.3	6.2	7.1	6.4	6.9	8.4	8.8	9.6	7.1
18.0–19.9	8.7	8.8	11.8	11.0	11.7	8.8	7.9	7.2	6.6	8.9	8.5	8.8	13.5
20.0–24.9	20.2	17.1	20.7	23.4	25.6	20.8	18.3	16.8	19.7	19.0	22.2	24.7	22.7
25.0–29.9	15.0	8.2	10.5	15.7	11.9	16.7	13.3	15.1	16.1	15.3	15.3	19.9	17.0
30.0–39.9	15.8	7.1	9.7	9.4	11.6	12.4	18.8	21.1	18.1	13.8	16.6	14.8	15.8
40.0–49.9	4.4	0.5	1.4	2.2	1.2	2.2	5.2	6.5	6.3	4.7	5.0	2.2	3.1
50.0–74.9	1.8	0.7	0.0	0.3	0.0	0.2	2.7	2.5	3.2	2.4	1.3	1.1	0.5
75.0 and more	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	1.8	8.6	2.1	0.4	0.5	0.5	1.2	1.1	1.8	4.0	1.6	0.5	1.5
5.0–9.9	6.3	17.6	11.6	8.4	8.1	9.8	7.5	3.8	5.1	5.2	3.0	2.3	3.7
10.0–11.9	4.1	10.4	5.8	5.6	5.7	4.0	3.9	3.1	2.9	3.2	4.5	3.2	5.0
12.0–13.9	5.7	7.9	7.2	8.1	6.5	8.0	6.3	4.6	4.2	5.9	4.4	5.0	4.9
14.0–15.9	6.5	7.3	8.2	6.9	10.4	10.6	6.1	5.3	5.7	4.7	6.7	5.8	5.4
16.0–17.9	7.3	7.9	7.9	8.8	10.6	7.3	7.2	5.9	6.0	7.5	10.1	6.2	8.9
18.0–19.9	7.2	9.1	8.8	7.9	8.3	4.7	7.9	5.4	7.5	6.5	8.5	9.8	11.5
20.0–24.9	19.8	14.7	20.5	25.9	19.2	21.9	16.6	19.7	19.3	19.1	22.5	22.7	15.8
25.0–29.9	15.2	8.2	15.3	12.1	14.3	15.6	16.6	16.6	14.6	14.1	15.9	19.1	17.3
30.0–39.9	16.9	6.4	8.6	12.7	12.4	12.0	17.4	20.9	20.6	18.8	17.1	15.4	19.4
40.0–49.9	6.2	1.2	3.1	2.5	3.6	2.5	6.1	8.8	7.9	8.2	4.0	7.1	5.4
50.0–74.9	2.8	0.7	0.8	0.7	0.1	3.0	2.8	4.4	4.3	2.6	1.6	2.2	1.0
75.0 and more	0.2	0.0	0.0	0.0	0.3	0.0	0.4	0.4	0.1	0.3	0.1	0.6	0.1

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 113. Percent distribution of transferrin saturation in percents for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected transferrin saturation cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	0.4	4.6	2.0	0.7	0.4	0.6	0.0	0.4	0.1	0.1	0.4	0.3	0.4
5.0–9.9	2.8	17.5	10.3	5.2	6.2	5.6	1.4	1.9	1.7	0.5	1.0	2.8	2.3
10.0–11.9	2.0	8.2	5.7	4.9	4.2	2.6	1.7	1.2	0.7	0.8	1.8	1.8	2.1
12.0–13.9	3.2	7.8	6.0	8.4	7.2	5.3	4.6	2.2	1.0	1.8	3.5	1.4	3.9
14.0–15.9	4.6	7.9	9.8	5.8	9.6	7.8	4.6	4.1	2.8	4.0	3.8	3.1	4.7
16.0–17.9	6.7	8.9	8.8	11.3	9.4	7.4	5.9	4.3	7.1	6.5	7.9	6.0	5.0
18.0–19.9	6.9	8.9	9.1	10.0	10.1	11.3	8.2	5.4	4.3	6.8	7.3	5.9	7.6
20.0–24.9	19.7	15.2	20.1	24.0	17.4	19.3	19.3	17.5	18.4	24.4	18.9	19.7	20.3
25.0–29.9	17.8	10.3	14.4	15.6	19.6	17.1	13.9	13.9	20.2	19.8	18.6	22.9	18.6
30.0–39.9	23.6	8.5	9.8	10.4	12.0	16.4	22.6	30.2	27.0	24.2	27.6	25.4	24.2
40.0–49.9	8.6	1.3	3.7	2.6	2.6	6.3	11.3	12.7	11.1	8.4	6.0	8.6	7.7
50.0–74.9	3.4	0.7	0.3	1.3	1.0	0.2	6.1	5.4	5.5	2.3	2.9	1.8	3.0
75.0 and more	0.3	0.0	0.0	0.0	0.3	0.0	0.4	0.9	0.0	0.3	0.4	0.4	0.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	0.4	4.2	1.4	0.8	0.3	0.4	0.0	0.6	0.0	0.1	0.4	0.3	0.3
5.0–9.9	2.6	14.6	8.0	4.6	6.9	5.6	1.7	1.9	2.1	0.1	1.0	2.8	2.5
10.0–11.9	1.8	7.5	5.5	4.8	4.3	1.8	2.0	1.2	0.6	0.6	1.7	1.9	2.0
12.0–13.9	2.9	7.7	6.4	8.8	6.8	5.4	4.7	1.8	0.8	1.7	3.4	1.0	3.8
14.0–15.9	4.5	7.9	10.1	4.1	9.8	6.7	5.3	4.2	3.0	4.3	3.9	3.1	4.4
16.0–17.9	6.6	10.1	9.2	11.9	8.3	8.1	5.2	3.2	7.6	6.8	8.3	5.7	4.9
18.0–19.9	6.6	8.6	7.3	9.8	10.9	12.6	8.9	5.1	3.6	6.4	7.1	5.4	7.8
20.0–24.9	19.6	14.4	20.3	24.2	14.2	16.3	18.6	16.3	18.8	26.4	18.3	20.3	20.1
25.0–29.9	18.1	12.6	15.5	16.0	22.2	17.9	12.9	12.4	20.7	20.6	18.9	22.6	18.7
30.0–39.9	23.9	9.6	11.0	10.9	11.7	17.3	21.4	32.3	26.4	23.0	26.9	25.8	24.5
40.0–49.9	9.0	1.8	5.0	2.4	2.8	7.8	11.6	13.9	11.2	8.2	6.6	9.0	7.9
50.0–74.9	3.5	0.9	0.3	1.8	1.4	0.0	7.3	6.1	5.3	1.8	3.1	1.9	2.8
75.0 and more	0.4	0.0	0.0	0.0	0.3	0.0	0.4	1.2	0.0	0.2	0.5	0.4	0.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	0.7	5.5	1.6	0.7	1.2	2.2	0.0	0.0	0.4	0.0	0.0	0.8	1.0
5.0–9.9	3.3	21.5	13.8	7.6	4.1	6.1	0.9	0.6	0.9	1.6	1.5	3.3	1.0
10.0–11.9	3.3	11.5	8.4	7.6	5.0	5.4	0.7	1.7	1.5	2.4	2.6	2.7	3.2
12.0–13.9	4.8	7.8	6.0	6.4	10.1	5.1	4.4	4.4	2.5	3.0	5.7	3.9	7.4
14.0–15.9	5.0	10.9	7.3	4.8	7.3	10.0	4.5	4.7	2.9	2.4	6.1	4.6	5.1
16.0–17.9	7.7	6.7	11.1	13.6	12.4	6.3	9.6	4.8	5.4	8.4	6.0	9.5	7.5
18.0–19.9	8.4	6.4	13.0	10.3	10.8	10.7	7.9	5.3	7.3	9.4	8.7	8.0	9.3
20.0–24.9	21.2	18.2	18.3	23.9	24.5	16.9	20.9	20.1	22.1	21.3	22.7	21.4	23.2
25.0–29.9	16.6	6.8	9.2	13.3	13.0	18.4	14.6	17.3	19.8	18.6	15.0	21.7	19.1
30.0–39.9	20.0	3.5	9.6	9.9	10.3	15.4	24.8	27.7	23.5	20.1	22.9	18.7	18.7
40.0–49.9	6.0	0.4	1.6	1.9	0.8	3.4	8.7	9.2	7.9	7.6	6.7	3.4	3.5
50.0–74.9	2.9	0.8	0.0	0.0	0.0	0.0	3.0	4.1	5.8	4.5	2.2	2.1	1.1
75.0 and more	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	0.8	9.3	2.9	0.3	0.5	0.0	0.0	0.0	0.7	0.5	1.3	0.4	2.1
5.0–9.9	3.9	19.7	11.6	9.1	7.2	8.4	2.0	1.4	0.8	1.1	3.3	1.4	3.1
10.0–11.9	2.9	12.6	5.4	6.2	6.4	3.7	2.8	0.8	0.9	1.2	4.5	2.1	5.1
12.0–13.9	4.0	5.8	6.7	6.1	6.3	4.7	4.8	2.5	2.6	4.4	4.0	2.1	2.4
14.0–15.9	5.0	6.9	7.9	8.5	6.7	11.8	4.1	3.4	3.6	3.2	5.2	3.9	5.2
16.0–17.9	6.1	8.8	8.7	9.2	7.6	11.9	6.6	3.6	4.5	6.4	3.5	6.5	8.3
18.0–19.9	7.0	7.9	8.4	8.7	10.2	5.3	8.6	4.9	7.3	6.0	5.9	10.6	8.9
20.0–24.9	20.6	14.0	21.0	24.6	22.0	21.3	17.0	21.3	19.8	19.7	26.8	21.6	15.4
25.0–29.9	16.4	7.1	15.3	11.6	14.4	14.0	20.4	18.9	15.1	18.6	16.2	15.4	13.9
30.0–39.9	20.8	7.2	8.4	12.6	13.1	12.9	19.4	26.2	26.9	24.1	21.0	19.2	25.8
40.0–49.9	7.9	0.7	2.8	2.6	4.9	3.4	8.8	10.0	10.6	10.1	5.6	12.5	7.7
50.0–74.9	4.2	0.0	1.0	0.4	0.3	2.6	4.7	6.4	7.3	4.1	2.5	3.0	1.7
75.0 and more	0.3	0.0	0.0	0.0	0.5	0.0	0.7	0.4	0.0	0.6	0.2	1.4	0.3

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 114. Percent distribution of transferrin saturation in percents for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected transferrin saturation cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	1.3	5.3	1.5	0.6	0.8	0.4	0.9	1.2	2.5	1.8	0.3	0.8	0.3
5.0–9.9	6.3	14.7	8.8	7.1	8.7	5.7	8.3	6.7	7.1	7.4	4.6	2.3	2.9
10.0–11.9	4.6	6.5	3.9	5.2	2.5	8.6	5.3	4.5	5.6	4.7	3.6	3.3	3.2
12.0–13.9	6.3	9.6	7.6	6.7	7.6	7.2	5.9	5.7	5.6	6.4	7.2	6.2	5.8
14.0–15.9	7.0	9.0	7.3	8.0	4.8	5.7	6.9	6.1	7.2	8.4	5.8	7.5	7.0
16.0–17.9	7.5	8.3	9.4	9.2	7.7	7.0	8.9	6.5	6.2	7.0	8.0	9.0	7.6
18.0–19.9	8.8	9.5	7.8	10.9	14.5	7.6	8.6	6.5	5.8	10.2	10.6	10.2	10.0
20.0–24.9	20.0	12.8	24.7	20.9	21.0	20.5	17.9	16.8	18.2	18.4	22.3	23.3	25.6
25.0–29.9	14.9	15.2	16.6	20.1	11.9	17.6	13.7	15.5	12.5	14.3	17.4	14.8	15.0
30.0–39.9	15.9	6.8	9.3	9.5	15.1	13.5	15.1	20.3	18.2	13.9	13.5	17.6	17.1
40.0–49.9	4.8	1.4	2.2	0.9	3.5	3.6	5.2	6.4	7.5	3.9	5.3	2.9	3.8
50.0–74.9	2.4	0.9	1.0	0.4	1.9	2.5	3.2	3.2	3.0	3.7	1.0	2.1	1.5
75.0 and more	0.3	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.5	0.0	0.3
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	1.1	5.5	1.0	0.8	0.9	0.0	0.7	0.9	2.3	1.0	0.2	1.0	0.3
5.0–9.9	5.4	14.8	8.1	8.1	8.8	5.6	6.2	5.9	5.3	6.5	4.4	2.2	2.6
10.0–11.9	4.0	5.6	3.1	5.5	2.3	8.1	5.2	4.1	3.8	4.5	3.6	3.1	3.0
12.0–13.9	6.2	11.3	7.9	6.5	5.8	7.4	4.6	5.8	5.5	6.0	7.6	6.6	5.8
14.0–15.9	6.3	9.4	6.6	7.6	3.4	3.2	5.9	5.7	6.2	7.6	5.4	7.0	6.9
16.0–17.9	7.4	8.1	8.2	8.4	6.7	8.7	10.0	6.7	6.2	6.8	7.0	9.1	7.5
18.0–19.9	8.8	7.1	6.1	10.1	17.2	8.2	8.5	6.8	5.9	9.7	11.5	9.9	9.4
20.0–24.9	19.9	9.9	26.8	20.0	21.5	18.0	15.1	16.0	18.2	19.2	21.4	23.1	26.4
25.0–29.9	15.2	19.2	18.1	21.3	10.2	19.7	15.0	15.7	12.8	15.4	17.7	13.9	14.6
30.0–39.9	17.4	6.4	10.8	10.2	16.4	14.5	17.5	21.4	20.6	15.4	14.5	18.7	17.4
40.0–49.9	5.3	1.4	2.7	0.4	4.1	5.1	7.0	6.5	8.6	4.0	5.8	3.0	4.0
50.0–74.9	2.8	1.1	0.6	0.3	2.8	1.6	4.3	3.9	3.8	3.9	1.0	2.3	1.7
75.0 and more	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.3
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	1.9	3.7	1.4	0.0	0.8	2.0	2.1	2.4	2.5	3.6	0.7	0.0	0.6
5.0–9.9	10.2	15.9	9.6	5.9	11.1	5.9	14.3	13.3	9.8	11.7	8.9	3.6	7.4
10.0–11.9	5.6	7.3	3.5	6.4	3.2	7.6	8.5	6.7	5.1	5.5	3.0	4.6	5.9
12.0–13.9	6.6	9.2	8.1	5.5	5.6	8.4	8.9	6.2	7.3	6.1	6.2	6.1	2.2
14.0–15.9	9.4	6.1	9.8	8.8	8.5	11.9	9.3	7.0	10.5	14.1	8.4	7.4	6.1
16.0–17.9	8.0	9.3	11.2	8.7	6.1	6.1	4.6	7.8	8.1	8.5	11.0	9.6	6.9
18.0–19.9	9.0	11.2	10.5	11.7	12.7	7.3	8.0	8.7	6.1	8.6	8.3	9.3	16.2
20.0–24.9	19.3	16.0	23.1	22.8	26.7	24.1	15.7	13.9	17.7	17.2	21.8	27.0	22.4
25.0–29.9	13.7	9.6	11.8	18.0	10.8	15.2	11.9	13.1	13.1	12.7	15.7	18.6	15.6
30.0–39.9	12.2	10.6	9.8	8.9	12.9	9.9	12.7	15.3	13.6	8.8	11.5	12.0	14.0
40.0–49.9	3.0	0.6	1.2	2.5	1.6	1.2	1.7	4.3	5.0	2.4	3.7	1.4	2.8
50.0–74.9	0.8	0.6	0.0	0.6	0.0	0.4	2.4	1.2	1.1	0.8	0.6	0.4	0.0
75.0 and more	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5.0	2.8	7.9	1.3	0.5	0.5	1.0	2.5	2.6	3.0	7.7	2.0	0.7	1.0
5.0–9.9	8.8	15.4	11.7	7.6	9.0	11.0	13.7	6.8	9.8	9.7	2.7	3.0	4.2
10.0–11.9	5.3	8.2	6.2	5.0	4.8	4.3	5.1	5.9	5.0	5.3	4.5	4.1	5.0
12.0–13.9	7.5	9.9	7.8	10.1	6.7	10.7	8.0	7.2	6.0	7.4	4.7	7.2	7.3
14.0–15.9	8.1	7.7	8.6	5.3	14.6	9.6	8.4	7.7	7.9	6.2	8.2	7.3	5.6
16.0–17.9	8.6	7.0	7.2	8.4	13.9	3.5	8.0	8.9	7.6	8.8	16.4	6.0	9.4
18.0–19.9	7.4	10.3	9.2	7.0	6.2	4.2	7.1	5.9	7.7	7.0	10.9	9.2	14.0
20.0–24.9	19.0	15.5	19.9	27.2	16.2	22.4	16.1	17.6	18.7	18.5	18.3	23.6	16.2
25.0–29.9	14.0	9.4	15.3	12.6	14.1	16.9	12.3	13.8	14.0	9.2	15.6	22.0	20.6
30.0–39.9	12.8	5.7	8.8	12.8	11.6	11.3	15.1	14.1	13.7	13.3	13.4	12.5	13.2
40.0–49.9	4.3	1.8	3.5	2.4	2.2	1.8	3.1	7.2	5.1	6.1	2.4	2.9	3.1
50.0–74.9	1.3	1.3	0.5	1.0	0.0	3.3	0.7	2.0	1.2	1.0	0.8	1.6	0.4
75.0 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 115. Percent distribution of erythrocyte protoporphyrin in microgram per deciliter of red blood cells for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected erythrocyte protoporphyrin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	4.2	1.4	4.7	4.7	4.0	5.0	7.1	4.9	5.2	3.4	3.8	2.4	2.2
30–39	29.1	16.8	30.6	28.8	28.3	27.9	32.3	35.6	32.2	28.9	27.5	24.0	18.1
40–49	32.2	29.2	33.0	38.4	32.4	34.8	31.7	31.3	32.0	32.0	34.1	32.6	28.2
50–59	17.5	22.5	18.7	15.8	20.8	18.7	15.4	14.5	15.3	17.3	18.0	20.6	22.4
60–69	8.4	12.9	6.6	7.8	7.6	6.9	7.1	7.8	7.8	8.3	7.6	9.5	12.3
70–79	3.5	6.3	3.6	2.5	3.0	3.3	2.5	2.1	2.6	3.7	3.4	4.4	7.1
80–89	1.2	1.8	0.8	0.3	1.3	0.8	1.0	0.9	1.2	1.5	1.4	1.3	2.2
90–99	0.9	2.2	0.5	0.7	0.4	0.9	0.6	0.6	0.6	1.0	0.7	1.4	2.2
100–149	2.2	5.6	1.1	0.8	2.0	1.1	1.8	1.8	1.7	2.2	2.7	2.7	4.2
150–199	0.5	0.6	0.1	0.2	0.1	0.2	0.3	0.3	0.7	0.8	0.3	0.6	0.7
200–299	0.3	0.5	0.2	0.0	0.0	0.3	0.1	0.1	0.4	0.5	0.3	0.5	0.3
300 and more	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.1	0.1	0.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	4.5	1.9	6.6	5.5	4.8	5.8	6.8	5.2	5.8	3.7	4.0	2.3	2.3
30–39	30.6	20.9	36.7	30.7	32.1	29.8	34.8	37.8	33.9	31.6	28.1	24.1	17.9
40–49	33.2	30.7	33.9	42.3	32.7	36.3	33.5	32.3	33.5	32.0	35.5	34.4	28.4
50–59	16.9	23.0	15.4	13.5	19.9	17.4	14.9	14.1	14.1	17.5	16.9	20.4	22.5
60–69	7.9	12.1	4.6	6.2	6.3	6.1	6.0	7.4	7.6	7.8	7.3	8.5	12.4
70–79	2.9	4.3	1.9	1.2	1.9	2.7	2.0	1.5	2.1	2.5	3.5	3.8	7.0
80–89	1.0	1.0	0.1	0.0	1.6	0.0	0.3	0.5	1.0	1.3	1.1	1.0	2.2
90–99	0.7	1.3	0.3	0.0	0.1	0.6	0.3	0.2	0.5	0.8	0.3	1.5	2.0
100–149	1.7	4.6	0.4	0.6	0.5	0.8	1.2	0.9	1.1	1.7	2.6	2.6	4.1
150–199	0.4	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.7	0.3	0.6	0.7
200–299	0.2	0.2	0.2	0.0	0.0	0.4	0.0	0.0	0.1	0.2	0.4	0.6	0.2
300 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	5.1	1.3	3.5	5.5	5.0	5.9	12.0	6.7	3.7	3.6	4.0	4.1	2.1
30–39	32.3	15.4	31.7	31.9	28.8	33.4	37.2	37.2	35.8	28.9	33.5	27.3	23.6
40–49	30.2	29.9	32.7	33.7	36.6	36.9	27.1	27.9	29.5	29.8	28.0	28.8	31.5
50–59	15.3	21.5	19.1	18.1	15.5	11.8	10.2	12.4	13.4	17.4	15.8	20.6	21.5
60–69	7.5	11.3	8.3	5.6	8.9	5.3	5.6	7.4	7.3	8.3	7.8	9.1	7.1
70–79	3.4	7.9	2.2	2.5	2.4	2.7	2.6	3.1	2.6	4.0	4.0	3.5	6.2
80–89	1.2	2.4	0.5	0.7	0.7	1.2	1.0	0.6	0.9	1.4	2.8	2.4	1.4
90–99	0.8	1.1	0.3	0.1	0.0	0.8	0.8	0.6	1.0	1.3	1.1	0.6	1.3
100–149	2.6	7.2	1.3	1.3	1.2	1.1	2.3	2.6	3.4	2.2	2.5	2.7	3.6
150–199	0.7	0.9	0.2	0.3	0.7	0.8	0.4	0.7	0.9	1.2	0.4	0.5	0.6
200–299	0.5	0.8	0.1	0.2	0.0	0.0	0.5	0.6	0.6	1.2	0.2	0.3	1.0
300 and more	0.4	0.4	0.2	0.0	0.2	0.1	0.2	0.3	0.9	0.9	0.0	0.2	0.2
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	2.2	0.5	0.8	2.4	0.6	1.7	2.9	3.6	2.2	2.0	2.0	0.8	1.0
30–39	18.3	6.2	15.1	16.0	13.4	9.7	18.3	23.9	20.2	18.4	21.7	19.6	17.6
40–49	28.1	20.1	24.8	30.9	27.6	32.8	31.5	28.1	28.3	29.0	27.4	25.9	20.1
50–59	22.4	23.3	30.4	21.9	26.7	29.9	21.0	19.2	20.4	19.6	22.5	23.0	27.6
60–69	12.5	17.9	14.2	14.0	15.4	14.9	11.7	10.8	12.5	10.0	9.4	13.1	14.2
70–79	7.1	11.9	8.2	9.3	9.1	5.3	5.6	6.6	7.2	6.2	4.7	9.4	6.6
80–89	2.2	3.7	2.2	2.2	0.8	2.0	2.5	2.0	2.0	2.3	2.5	2.5	3.2
90–99	1.4	2.9	1.1	1.5	1.9	1.0	0.5	1.6	1.1	1.4	2.5	0.7	1.2
100–149	4.3	8.8	3.1	1.7	4.1	2.6	4.2	3.4	3.9	7.1	5.1	3.8	6.8
150–199	0.8	1.4	0.1	0.2	0.5	0.0	1.1	0.5	1.0	1.2	1.7	0.5	1.2
200–299	0.6	1.8	0.0	0.0	0.0	0.0	0.4	0.2	1.1	2.1	0.0	0.2	0.2
300 and more	0.3	1.5	0.0	0.1	0.0	0.0	0.3	0.1	0.1	0.7	0.6	0.4	0.3

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 116. Percent distribution of erythrocyte protoporphyrin in microgram per deciliter of red blood cells for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected erythrocyte protoporphyrin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	6.5	1.8	5.5	4.9	4.2	6.1	11.5	8.4	8.2	6.0	6.5	2.5	3.9
30–39	38.3	15.7	32.6	29.0	29.0	31.4	44.0	49.5	44.8	38.6	36.3	33.7	24.6
40–49	32.6	31.0	30.8	36.6	32.9	39.1	31.9	29.2	33.5	34.0	33.6	31.6	29.9
50–59	12.8	23.5	17.7	15.8	19.8	16.1	7.6	8.0	8.3	13.6	13.4	16.3	18.6
60–69	5.2	12.9	6.8	8.7	7.6	3.1	3.2	3.6	3.7	4.1	4.2	7.9	9.6
70–79	1.9	5.8	3.7	2.7	4.2	1.6	1.2	0.5	0.6	1.2	2.7	2.7	4.3
80–89	0.6	1.1	0.8	0.2	1.1	0.4	0.4	0.3	0.1	0.4	1.2	0.5	2.0
90–99	0.6	1.6	0.6	0.8	0.1	1.0	0.0	0.0	0.3	1.0	0.1	2.0	1.6
100–149	1.2	5.3	1.1	1.2	0.9	1.2	0.3	0.4	0.5	0.7	1.9	1.6	4.2
150–199	0.2	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.1	0.2	0.0	0.7	0.8
200–299	0.1	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2
300 and more	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	6.9	2.4	7.6	5.8	5.1	6.9	10.4	9.1	8.8	6.4	6.8	2.4	4.1
30–39	39.8	18.8	39.0	29.0	32.7	33.1	45.7	52.2	46.0	40.5	38.3	33.8	24.1
40–49	33.0	34.3	31.9	42.0	34.8	40.1	33.4	28.3	34.3	32.8	33.4	32.8	30.0
50–59	11.7	23.4	14.0	13.3	16.7	15.5	6.3	6.5	6.3	14.0	11.6	16.5	18.8
60–69	4.7	12.0	4.6	7.1	6.2	1.2	2.3	3.3	3.7	3.5	4.2	7.1	9.8
70–79	1.5	4.1	1.8	1.8	2.9	1.1	1.6	0.3	0.5	0.7	2.7	2.1	4.2
80–89	0.4	0.6	0.0	0.0	1.1	0.0	0.4	0.0	0.0	0.3	1.1	0.3	2.2
90–99	0.6	0.3	0.4	0.0	0.0	1.0	0.0	0.0	0.3	0.9	0.0	2.1	1.4
100–149	1.0	3.6	0.4	1.1	0.5	1.0	0.0	0.3	0.3	0.6	1.6	1.6	4.1
150–199	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9
200–299	0.1	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2
300 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	7.9	1.8	4.3	5.9	4.8	7.6	19.8	11.7	6.0	6.1	6.9	4.9	2.0
30–39	42.9	14.8	32.5	37.5	30.4	34.8	52.5	54.8	50.7	43.8	38.8	36.6	31.4
40–49	30.0	28.7	31.6	31.1	36.3	36.2	22.2	24.4	30.2	34.4	31.0	31.3	33.5
50–59	10.3	21.1	18.9	18.6	13.7	8.3	3.8	6.1	7.2	9.0	12.3	12.5	16.2
60–69	4.5	11.7	8.1	4.8	8.5	4.9	1.1	1.5	3.6	4.1	4.7	7.9	6.3
70–79	1.5	7.7	2.1	1.0	3.3	2.8	0.0	0.4	0.6	0.7	2.8	0.7	3.6
80–89	0.7	2.2	0.5	0.0	1.4	0.7	0.2	0.0	0.1	1.2	1.9	1.6	0.5
90–99	0.3	1.4	0.2	0.0	0.0	1.7	0.0	0.2	0.2	0.0	0.3	0.2	0.9
100–149	1.4	8.2	1.1	0.8	0.6	1.9	0.3	0.9	1.0	0.5	0.5	3.4	4.5
150–199	0.3	0.4	0.2	0.0	0.9	0.7	0.0	0.0	0.4	0.2	0.4	0.0	0.3
200–299	0.2	1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.6	0.3
300 and more	0.1	0.7	0.4	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.5
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	3.6	0.4	0.9	1.2	0.9	3.3	5.2	6.1	4.0	3.8	2.4	0.8	1.7
30–39	26.0	6.9	16.3	17.6	17.0	12.9	26.1	34.2	32.7	26.2	25.8	31.9	24.4
40–49	30.9	21.6	24.5	31.8	26.6	37.2	38.6	31.6	31.9	32.7	30.1	25.5	17.1
50–59	20.1	20.5	30.9	21.3	25.8	26.1	17.8	15.3	18.1	21.7	18.6	18.8	26.4
60–69	9.7	19.1	13.9	15.7	15.3	10.4	7.2	7.3	8.6	5.7	7.5	9.5	13.3
70–79	4.4	10.4	8.1	7.3	7.6	3.5	1.4	3.0	2.4	3.9	5.6	7.8	4.3
80–89	1.3	2.1	1.8	2.5	0.9	3.5	0.8	0.5	0.8	1.1	2.6	2.0	2.9
90–99	0.7	1.3	1.8	0.8	1.2	1.0	0.0	0.2	0.4	0.8	1.3	0.3	1.0
100–149	2.6	12.1	1.8	1.5	4.0	2.3	2.5	1.5	0.8	3.1	4.5	1.7	8.7
150–199	0.4	1.7	0.0	0.2	0.7	0.0	0.5	0.2	0.2	0.6	0.4	0.6	0.0
200–299	0.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.2
300 and more	0.2	1.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.8	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 117. Percent distribution of erythrocyte protoporphyrin in microgram per deciliter of red blood cells for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected erythrocyte protoporphyrin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	2.0	1.0	3.9	4.6	3.8	3.7	2.7	1.4	2.2	0.9	1.3	2.3	1.2
30–39	20.3	17.9	28.6	28.5	27.6	24.1	20.7	21.9	19.8	19.7	19.3	15.7	13.8
40–49	31.8	27.2	35.3	40.4	31.8	30.1	31.5	33.5	30.4	30.2	34.6	33.5	27.1
50–59	21.9	21.4	19.7	15.7	21.7	21.7	23.3	20.9	22.2	20.8	22.3	24.2	24.9
60–69	11.3	12.9	6.4	6.9	7.7	11.0	10.9	12.0	11.9	12.3	10.8	10.8	14.1
70–79	4.9	6.7	3.5	2.1	1.9	5.3	3.8	3.7	4.7	6.2	4.1	5.9	8.9
80–89	1.8	2.4	0.9	0.4	1.5	1.2	1.6	1.5	2.2	2.5	1.6	2.0	2.2
90–99	1.2	3.0	0.4	0.5	0.6	0.9	1.2	1.1	1.0	1.0	1.2	0.9	2.5
100–149	3.2	6.1	1.1	0.5	3.2	1.0	3.3	3.1	2.9	3.7	3.5	3.6	4.1
150–199	0.8	0.9	0.1	0.4	0.1	0.4	0.6	0.5	1.4	1.5	0.6	0.5	0.6
200–299	0.5	0.2	0.1	0.0	0.0	0.5	0.2	0.2	0.8	0.9	0.5	0.5	0.4
300 and more	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.2	0.1	0.2
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	2.2	1.3	5.6	5.1	4.5	4.6	3.2	1.5	2.7	0.9	1.4	2.2	1.1
30–39	21.8	23.2	34.1	32.8	31.6	25.6	23.7	24.0	21.5	22.6	18.6	15.6	13.8
40–49	33.4	26.6	36.1	42.7	30.8	31.6	33.6	36.1	32.6	31.3	37.4	35.7	27.3
50–59	21.9	22.6	16.8	13.7	23.1	19.8	23.7	21.4	22.2	21.1	21.8	23.8	25.0
60–69	10.9	12.1	4.7	5.1	6.3	12.0	9.8	11.4	11.6	12.2	10.1	9.8	14.2
70–79	4.1	4.4	2.0	0.6	0.9	4.7	2.4	2.6	3.7	4.3	4.3	5.4	8.9
80–89	1.5	1.5	0.2	0.0	2.1	0.0	0.2	0.9	2.1	2.3	1.1	1.6	2.1
90–99	0.8	2.5	0.1	0.0	0.3	0.0	0.7	0.5	0.7	0.7	0.5	1.0	2.4
100–149	2.4	5.8	0.4	0.0	0.5	0.5	2.4	1.5	1.9	2.8	3.5	3.5	4.1
150–199	0.6	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.6	1.5	0.5	0.5	0.6
200–299	0.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.2	0.4	0.6	0.6	0.3
300 and more	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.2
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	2.7	0.8	2.8	5.2	5.1	4.5	4.1	2.4	1.8	1.7	1.5	3.6	2.2
30–39	23.3	15.9	30.8	26.3	27.1	32.1	21.8	22.3	23.7	17.1	29.1	20.7	18.6
40–49	30.4	31.1	33.7	36.2	37.0	37.5	32.0	30.8	28.9	26.1	25.6	27.0	30.1
50–59	19.6	21.9	19.3	17.5	17.4	14.8	16.6	17.7	18.5	24.0	18.6	26.3	24.9
60–69	10.1	10.9	8.5	6.5	9.4	5.6	10.0	12.5	10.4	11.6	10.4	10.0	7.6
70–79	4.9	8.2	2.3	3.9	1.4	2.6	5.3	5.4	4.2	6.6	4.9	5.5	7.9
80–89	1.6	2.5	0.4	1.5	0.0	1.6	1.9	1.1	1.5	1.5	3.5	3.0	2.0
90–99	1.2	0.8	0.4	0.3	0.0	0.0	1.6	0.9	1.8	2.3	1.7	0.8	1.6
100–149	3.6	6.2	1.5	1.9	1.8	0.5	4.4	4.0	5.4	3.5	4.1	2.2	3.1
150–199	1.0	1.4	0.2	0.6	0.4	0.9	0.9	1.2	1.3	1.9	0.4	0.8	0.7
200–299	0.8	0.3	0.2	0.0	0.0	0.0	1.0	1.1	0.8	2.2	0.0	0.0	1.4
300 and more	0.6	0.0	0.0	0.0	0.3	0.0	0.4	0.6	1.7	1.6	0.0	0.0	0.0
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 30	0.7	0.7	0.7	3.7	0.2	0.4	0.2	0.5	0.3	0.0	1.6	0.9	0.4
30–39	10.1	5.4	13.9	14.4	9.3	7.0	9.6	10.8	6.5	10.1	17.7	9.9	11.0
40–49	25.1	18.5	25.1	30.1	28.7	29.0	23.5	23.7	24.5	25.1	24.8	26.3	22.9
50–59	24.8	26.3	29.9	22.5	27.6	33.2	24.6	24.0	22.9	17.4	26.3	26.4	28.7
60–69	15.4	16.5	14.5	12.3	15.5	18.8	16.7	15.3	16.7	14.6	11.2	16.0	15.1
70–79	10.1	13.4	8.3	11.1	10.7	6.8	10.4	11.0	12.4	8.7	3.9	10.7	8.8
80–89	3.1	5.3	2.6	1.8	0.8	0.8	4.4	3.8	3.2	3.5	2.4	2.9	3.5
90–99	2.1	4.6	0.5	2.1	2.7	1.0	1.1	3.3	1.8	2.0	3.6	1.0	1.3
100–149	6.0	5.4	4.3	1.8	4.2	2.9	6.2	5.9	7.3	11.4	5.6	5.4	4.9
150–199	1.2	1.1	0.1	0.2	0.2	0.0	1.8	1.0	1.9	1.9	2.9	0.4	2.4
200–299	1.0	0.9	0.1	0.0	0.0	0.0	0.9	0.4	2.3	4.0	0.0	0.1	0.3
300 and more	0.4	1.8	0.0	0.0	0.0	0.0	0.6	0.3	0.2	1.3	0.0	0.0	0.6

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 118. Percent distribution of serum ferritin in nanogram per milliliter for persons 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum ferritin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	3.7	12.9	2.7	0.9	2.1	4.0	5.7	4.1	4.5	5.7	1.3	1.1	0.8
10–15	4.8	17.5	11.2	7.0	5.5	6.2	5.6	4.0	4.6	5.8	2.1	1.1	2.3
16–25	11.8	31.1	31.0	28.9	22.6	25.7	16.0	10.6	7.3	9.0	5.8	3.2	3.7
26–50	22.6	31.1	43.0	46.6	49.4	44.4	35.4	20.6	16.5	14.8	11.6	12.3	13.8
51–100	22.8	6.3	11.1	15.2	19.2	16.6	27.8	28.0	24.7	18.9	24.7	24.9	26.2
101–250	25.1	1.1	1.1	1.3	1.2	2.5	8.7	28.7	31.1	31.1	37.5	38.0	37.4
251–500	7.6	0.1	0.0	0.0	0.0	0.2	0.7	3.7	9.8	11.9	14.1	15.2	12.3
501–999	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	2.5	2.6	3.7	2.8
1,000 and more	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.3	0.3	0.6	0.7
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	3.0	12.0	1.5	1.0	2.8	3.1	4.5	3.3	3.3	5.1	1.4	1.2	0.8
10–15	4.5	17.6	11.8	7.1	5.2	5.2	5.2	3.9	4.5	5.1	2.2	1.2	2.4
16–25	11.5	33.0	34.2	31.9	23.4	27.4	16.2	10.7	7.0	8.4	6.2	3.4	3.8
26–50	22.0	30.7	40.8	44.9	49.2	45.4	35.6	21.7	16.5	15.8	12.5	12.5	14.1
51–100	23.7	5.5	11.2	14.0	18.7	15.6	29.6	28.8	26.9	19.3	25.4	25.3	26.8
101–250	26.0	1.3	0.5	1.1	0.6	2.4	8.5	27.8	31.5	31.9	36.7	38.0	37.0
251–500	7.8	0.0	0.0	0.0	0.0	0.2	0.5	3.5	9.2	12.0	13.4	14.5	12.0
501–999	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	2.4	2.0	3.5	2.6
1,000 and more	0.2	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.1	0.1	0.2	0.4	0.6
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	4.4	9.8	1.8	0.6	1.1	4.1	7.7	6.1	5.3	6.7	0.6	0.6	1.1
10–15	4.6	14.1	7.4	1.9	3.1	6.1	6.2	5.4	3.9	5.3	1.8	0.7	0.6
16–25	11.5	32.3	22.3	20.8	18.1	17.8	15.5	10.2	8.3	7.9	1.5	2.7	2.9
26–50	23.4	32.6	50.5	47.3	46.6	44.7	30.3	18.7	16.5	12.7	7.8	7.5	8.7
51–100	21.1	9.7	14.0	26.0	27.2	21.7	27.6	24.8	19.5	17.6	18.6	18.7	20.7
101–250	23.8	1.1	3.9	3.1	3.6	5.3	12.0	28.7	31.5	30.5	40.1	42.8	40.4
251–500	8.6	0.4	0.1	0.0	0.2	0.1	0.6	5.5	12.2	13.4	22.3	20.5	17.2
501–999	2.4	0.0	0.0	0.2	0.0	0.2	0.1	0.5	2.7	5.0	6.8	5.9	6.0
1,000 and more	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.5	0.7	2.4
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	6.2	21.5	6.3	1.4	1.3	6.2	9.0	6.0	6.2	8.6	2.9	1.5	0.9
10–15	7.7	20.2	12.3	13.7	6.1	16.9	7.6	5.5	5.8	4.7	2.6	2.5	2.5
16–25	15.1	27.1	31.6	26.0	27.3	24.8	19.7	8.8	8.8	9.9	6.8	3.7	8.2
26–50	24.8	24.4	39.8	47.2	47.4	38.3	33.8	18.2	17.3	12.1	9.3	13.3	17.5
51–100	20.0	5.4	9.1	11.0	16.4	12.6	21.2	28.3	20.5	18.7	25.6	26.2	25.7
101–250	20.2	1.3	0.8	0.7	1.5	1.2	8.5	28.7	29.2	32.5	40.3	38.0	32.6
251–500	5.1	0.0	0.1	0.0	0.0	0.0	0.2	4.0	10.2	11.5	9.4	12.5	10.6
501–999	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.8	2.0	2.9	1.2	1.9
1,000 and more	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	1.2	0.1

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 119. Percent distribution of serum ferritin in nanogram per milliliter for males 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum ferritin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	1.0	13.9	3.2	1.0	1.8	1.2	0.1	0.2	0.3	0.5	0.2	1.2	0.5
10–15	2.5	21.5	12.9	6.2	3.4	4.5	1.1	0.3	0.9	1.5	0.3	1.0	1.8
16–25	7.8	31.1	33.7	32.0	20.7	25.4	8.7	2.2	0.9	2.1	3.4	1.3	1.8
26–50	15.9	27.4	39.0	47.9	52.1	45.8	33.7	7.1	3.5	6.1	5.1	7.6	11.0
51–100	21.9	5.3	10.1	11.2	21.1	19.2	40.0	31.9	21.0	15.6	19.3	19.9	23.2
101–250	36.1	0.8	1.1	1.6	1.0	3.9	15.0	51.0	52.1	48.8	45.7	40.9	38.3
251–500	12.3	0.0	0.0	0.0	0.0	0.0	1.4	6.9	18.5	21.0	21.1	21.4	17.9
501–999	2.3	0.0	0.0	0.0	0.0	0.1	0.0	0.4	2.6	4.0	4.5	6.2	4.8
1,000 and more	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.4	0.7
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	0.9	12.9	2.0	1.2	2.6	0.9	0.0	0.3	0.3	0.5	0.1	1.3	0.5
10–15	2.4	22.6	14.6	6.9	4.1	4.4	0.8	0.3	1.1	1.3	0.2	1.0	1.9
16–25	7.3	31.9	37.4	33.0	20.4	26.3	8.3	1.5	1.0	2.4	3.9	1.2	1.7
26–50	14.9	28.2	34.7	47.3	52.4	47.0	32.9	7.6	3.3	6.2	5.2	7.5	11.3
51–100	22.2	3.5	10.4	10.0	19.9	16.9	42.7	32.6	22.0	15.5	20.6	20.3	23.7
101–250	37.3	0.9	0.9	1.5	0.6	4.4	14.4	50.7	53.2	50.0	44.6	41.5	37.9
251–500	12.7	0.0	0.0	0.0	0.0	0.0	0.9	6.6	17.5	20.5	21.1	21.1	18.1
501–999	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.6	3.5	3.9	5.8	4.4
1,000 and more	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.3	0.6
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	1.1	12.7	2.1	0.2	0.5	2.7	0.0	0.0	0.5	0.2	0.4	1.4	1.1
10–15	1.8	15.5	7.1	2.2	1.0	3.3	1.8	0.2	0.7	0.0	0.9	1.2	0.3
16–25	7.9	31.6	25.3	27.3	15.1	18.3	9.3	0.6	1.0	1.1	0.5	2.8	3.4
26–50	19.0	30.4	51.8	48.7	50.3	45.4	30.3	6.9	4.9	3.9	6.2	4.4	4.7
51–100	21.1	9.1	11.4	17.8	29.6	25.3	38.2	29.0	16.4	15.2	11.5	14.8	18.6
101–250	31.4	0.5	2.4	3.4	3.5	4.6	19.1	51.8	47.3	42.0	41.4	37.0	40.1
251–500	13.6	0.0	0.0	0.0	0.0	0.0	1.2	10.6	23.5	26.6	29.8	29.2	17.8
501–999	3.8	0.0	0.0	0.3	0.0	0.4	0.1	0.8	5.6	9.3	8.4	8.8	11.4
1,000 and more	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.1	0.3	2.6
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	2.1	22.5	7.2	2.0	0.4	2.8	1.0	0.1	0.4	0.9	0.9	1.5	0.4
10–15	4.4	23.6	13.3	13.0	5.4	12.6	3.2	0.5	0.1	0.5	2.3	2.4	4.3
16–25	10.1	27.4	31.3	27.4	28.4	25.2	12.5	0.9	1.0	1.8	2.8	1.0	4.7
26–50	19.8	19.0	39.6	45.7	48.1	42.7	34.2	10.1	5.6	5.7	6.8	9.6	17.3
51–100	22.6	6.3	7.8	11.2	16.6	15.0	34.5	34.3	20.2	19.3	22.6	22.1	21.2
101–250	30.8	1.1	0.6	0.7	1.1	1.7	14.4	46.7	50.5	47.4	44.6	40.8	35.2
251–500	8.5	0.0	0.2	0.0	0.0	0.0	0.3	6.4	18.6	20.4	14.5	18.3	14.4
501–999	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.2	3.8	5.0	2.6	2.3
1,000 and more	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.6	1.7	0.3

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

Table 120. Percent distribution of serum ferritin in nanogram per milliliter for females 1 year and over, by race/ethnicity and age: United States, 1988–94

Race/ethnicity and selected serum ferritin cutoffs	1 year and over	1–2 years	3–5 years	6–8 years	9–11 years	12–14 years	15–19 years	20–29 years	30–39 years	40–49 years	50–59 years	60–69 years	70 years and over
All race/ethnic groups ¹													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	6.2	11.8	2.1	0.7	2.5	7.0	11.4	8.0	8.7	10.6	2.4	1.1	0.9
10–15	7.1	13.0	9.3	8.0	7.6	8.1	10.0	7.7	8.3	9.8	3.9	1.2	2.6
16–25	15.7	31.1	28.1	25.4	24.5	26.1	23.4	18.9	13.7	15.5	8.0	4.7	5.0
26–50	28.9	35.2	47.1	45.1	46.8	42.8	37.1	33.9	29.4	23.2	17.7	16.3	15.6
51–100	23.6	7.3	12.3	19.7	17.3	13.8	15.7	24.3	28.4	22.0	29.8	29.1	28.2
101–250	14.6	1.5	1.1	1.0	1.4	1.0	2.4	6.6	10.2	14.1	29.7	35.5	36.7
251–500	3.1	0.1	0.0	0.0	0.1	0.4	0.0	0.6	1.0	3.3	7.5	9.8	8.6
501–999	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.2	0.9	1.5	1.4
1,000 and more	0.2	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.2	0.1	0.7	0.8
Non-Hispanic white													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	5.1	11.0	0.9	0.7	3.0	5.6	9.1	6.3	6.4	9.7	2.6	1.1	1.0
10–15	6.5	12.0	8.8	7.3	6.3	6.2	9.8	7.3	8.0	8.9	4.2	1.3	2.7
16–25	15.5	34.2	30.7	30.6	26.3	28.6	24.4	19.5	13.2	14.5	8.4	5.2	5.2
26–50	28.9	33.5	47.5	42.0	46.1	43.6	38.3	35.2	30.3	25.6	19.4	16.9	16.0
51–100	25.2	7.7	12.1	18.8	17.5	14.0	16.1	25.3	32.1	23.1	30.1	29.7	28.8
101–250	15.1	1.6	0.1	0.6	0.7	0.0	2.4	5.8	9.0	13.5	29.2	34.9	36.5
251–500	3.1	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.6	3.4	6.0	8.9	8.0
501–999	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	0.1	1.4	1.4
1,000 and more	0.2	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.5	0.6
Non-Hispanic black													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	7.2	6.9	1.4	1.0	1.7	5.2	15.4	11.3	9.1	11.9	0.8	0.0	1.1
10–15	6.9	12.6	7.7	1.7	5.3	8.5	10.7	10.0	6.6	9.6	2.5	0.3	0.8
16–25	14.6	33.0	19.3	14.5	21.2	17.3	21.6	18.4	14.1	13.4	2.4	2.5	2.6
26–50	27.2	34.7	49.2	46.0	42.8	44.1	30.4	28.8	25.9	19.7	9.1	9.6	11.4
51–100	21.1	10.3	16.6	34.0	24.8	18.7	17.1	21.2	21.9	19.5	24.4	21.3	22.0
101–250	17.3	1.7	5.4	2.8	3.8	5.9	4.9	8.9	18.7	21.4	39.0	46.9	40.7
251–500	4.3	0.7	0.2	0.0	0.4	0.2	0.0	1.1	3.1	3.0	16.3	14.4	16.8
501–999	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.6	5.5	3.9	2.4
1,000 and more	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	1.0	2.3
Mexican American													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 10	10.7	20.5	5.3	0.9	2.3	9.1	18.0	13.5	12.5	16.7	4.8	1.5	1.3
10–15	11.1	16.7	11.3	14.4	6.9	20.5	12.6	12.0	12.0	9.0	2.8	2.6	0.7
16–25	20.5	26.8	31.8	24.6	26.0	24.5	27.7	18.8	17.3	18.5	10.7	5.8	11.8
26–50	30.0	29.8	40.0	48.7	46.7	34.6	33.4	28.4	29.9	18.9	11.7	16.2	17.7
51–100	17.2	4.5	10.5	10.8	16.1	10.6	6.3	20.7	20.7	18.1	28.4	29.4	30.1
101–250	8.9	1.6	1.0	0.7	1.9	0.7	1.8	5.8	6.2	16.6	36.2	35.8	29.9
251–500	1.4	0.0	0.0	0.0	0.0	0.0	0.2	0.9	1.1	2.1	4.5	8.0	6.9
501–999	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.9	0.0	1.5
1,000 and more	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0

0.0 Quantity more than zero but less than 0.05.

¹Includes all other race/ethnic groups not listed separately.

NOTE: Numbers may not add to totals because of rounding.

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