Introduction

PURPOSE

This numerical list includes the principal products and services of the manufacturing and mining industries in the United States. The data for these products and services were collected in the 2007 Economic Census - Manufacturing on 264 long forms (MC-31101 through MC-33918) and 26 short forms (MC-31171 through MC-33975) and in the 2007 Economic Census - Mining on 17 long forms (MI-21101 through MI-21353) and 2 short forms (MI-21171 and MI-21271). Each report covers one industry or more and includes a product inquiry which lists the primary products of the industries as well as the chief secondary products frequently reported by establishments classified in the industries on the form.

There are approximately 4,780 products (ten-digit codes) for which information is published in the manufacturing and mining sectors. Approximately 175 of these products are collected in the Census Bureau's Current Industrial Reports (CIR) program. Where CIR product detail is available, the census questionnaire requests only broad aggregates that can be ''tied in'' with the product detail in the CIR program. The new system contains about 1770 manufacturing and mining product classes (seven-digit codes).

PRODUCT CODING SYSTEM

NAICS United States industries are identified by a six-digit code. The six-digit code accommodates the large number of sectors and allows more flexibility in designing subsectors. Each product or service is assigned a ten-digit code. The product coding structure represents an extension, by the U.S. Census Bureau, of the six-digit industry classifications of the manufacturing and mining sectors. The classification system operates so that the industrial coverage is progressively narrower with the successive addition of digits. This is illustrated as follows:

NAICS level	NAICS code	Description
Sector	31-33	Manufacturing
Subsector	334	Computer and electronic product manufacturing
Industry group	3346	Manufacturing and reproducing of magnetic and optical media
Industry	33461	Manufacturing and reproduction of magnetic and optical media
U.S. Industry	334612	Prerecorded compact disc (except software), tape, and record reproducing
Product class	3346120	Reproduction of recording media
BLS link code	3346120X	
Product code	3346120XXX	

COMPARABILITY BETWEEN 2007 AND 2002

These files attempt to preserve the historical comparability between the 2007 and 2002 censuses for product classes and product codes in Appendixes D and E.

Appendix D (2007 to 2002)

2007 published	2007 collected	2002 published
313221……	313221	313221
3132211……	3132211	3132211
31322111……	31322111	31322111
3132211111……	3132211131	3132211131
3132211121……	3132211131	3132211131

The content of 2007 product class 3132211 collected on the 2007 questionnaire as product class 3132211 and its content is the same as it was published in 2002.

Product code 3132211121 was collected on the 2007 questionnaire as product 3132211131 and its content is the same as it was published in 2002.

Appendix E (2002 to 2007)

2002 published	2007 collected	2007 published
313221……	313221	313221
3132211……..	3132211	3132211
31322111……	31322111	31322111
3132211131……	3132211131	3132211111
3132211131……	3132211131	3132211121

CURRENT INDUSTRIAL REPORTS

The 2007 Economic Census - Manufacturing, as in earlier censuses, utilizes the tieline relationship for reporting summary information in the census where product detail is being reported for the same period in a CIR or, in a few instances, surveys conducted by other Federal Government agencies. The product detail that is collected monthly, quarterly, or annually in the CIR is not duplicated in the economic census - manufacturing. Instead, a single (tieline) code is collected in the census that corresponds to the sum of the detail appearing if the CIR is used. The products collected in the CIR are shown in the main table with the census ten-digit product codes. The CIR survey column identifies the related CIR report. Appendix B shows those CIR ten-digit product codes that are published in 2007.

FORMAT OF THE NUMERICAL LIST

The product code column, which includes codes used in the 2007 publications, is based on the NAICS structure. The ninth and tenth digits of the product code taken together are unique and identify the product. (Occasionally, the ninth digit will be similar for a group of related products within the same product class but the ninth digit by itself is not significant.)

These product and service codes are arrayed (generally) in ascending numerical order within their respective seven-digit product classes: the product classes within their six-digit U.S. industries; where applicable, six-digit U.S. industries within the respective five-digit industry grouping; and five-digit industry groupings within three-digit NAICS subsectors. NAICS subsectors, industry groupings, and U.S. industries are titled in accordance with the long NAICS titles shown in Part II, Numerical List of Short Titles, *North American Industrial Classification System*, 2007. Descriptions of product classes, eight-digit BLS link codes, and ten-digit products have been developed by the U.S. Census Bureau.

This document contains five appendixes. Appendix A lists the Current Industrial Reports by survey name and title and shows the publication periods. Appendix B shows those CIR ten-digit product codes that are published in 2007. Appendix C contains codes used on the census forms to collect miscellaneous detailed statistics data for selected nonmanufacturing and nonmining activities. Appendixes D and E illustrate the relationship between the 2007 and 2002, and the 2002 and 2007 product classes and product codes, respectively.

ABBREVIATIONS

The phrase ‘‘To be spec’’ indicates that the unit of measure is specified by the reporting establishment. The abbreviation ‘‘nsk’’ means not specified by kind.

Unit of Measure

Bbls	Barrel
bd	Board
Btu	British thermal unit
cons	Consumed
cu	Cubic

cwt	Hundredweight
db	Dry basis
doz	Dozen
equiv	Equivalent
fin	Finished
ft	Feet
gal	Gallon
gvw	Gross vehicle weight
gwt	Gross weight
hr	Hour
in.	Inch
int	International
lum	Lumber
lb	Pounds
lin	Linear
mil	Millions
no	Number
nwt	Net weight
oz	Ounces
pt	Part
qt	Quarts
sm	Surface measure
sngl	Single
sol	Solids
sq	Square
st	Strength
std	Standard
wb	Wet basis
yd	Yards

Data Collected

C	Consumption
CC	Circulation copies
I	Inventory (stock)
ISQ	Interplant shipments (quantity)
ISV	Interplant shipments (value)
P	Production (quantity)
PC	Produced and consumed (quantity)
PV	Production (value)
R	Receipts (value)
RA	Receipts from advertising
RAC	Receipts from advertising and copy sales
RC	Receipts from single copy sales
RQ	Receipts (quantity)
RS	Receipts from subscriptions and sales
RSB	Receipts from subscriptions
S	Shipments (quantity and value)
SQ	Shipments (quantity)
SV	Shipments (value)
UO	Unfilled orders (value)
UOQ	Unfilled orders (quantity)
VW	Value of work done

CONVERSION TABLES

United States to Approximate Metric Equivalent

To Convert From	To	Multiply by
inches	centimeters	2.540
inches	millimeters	25.40
square inches	square centimeters	6.452
square inches	square millimeters	645.2
feet	meters	0.3048
square feet	square meters	0.09290
yards	meters	0.9144
square yards	square meters	0.08361
ounces	grams	28.35
troy ounces	grams	31.10
pounds	kilograms	0.4536
long tons	metric tons	1.016
short tons	metric tons	0.9071
fluid ounces	milliliters	29.57
quarts	liter	0.9464
gallons	liters	3.785
bushels	liters	35.24
cubic feet	cubic meters	0.02832
cubic yards	cubic meters	0.7646
ounces per square yard	grams per square meter	33.91

Metric to Approximate United States Equivalent

To Convert From	To	Multiply by
centimeters	inches	0.3937
millimeters	inches	0.03937
square centimeters	square inches	0.1552
square millimeters	square inches	0.01552
meters	feet	3.281
meters	yards	1.094
square meters	square feet	10.76
square meters	square yards	1.195
grams	ounces	0.03527
grams	troy ounces	0.03215
kilograms	pounds	2.205
metric tons	long tons	0.9842
metric tons	short tons	1.102
milliliters	fluid ounces	0.03381
liters	quarts	1.057
liters	gallons	0.2642
liters	bushels	0.02828
cubic meters	cubic feet	35.31
cubic meters	cubic yards	1.308
grams per square meter	ounces per square yard	0.0295