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U.S. Government Estimates of Quarterly Revenue for Selected Services

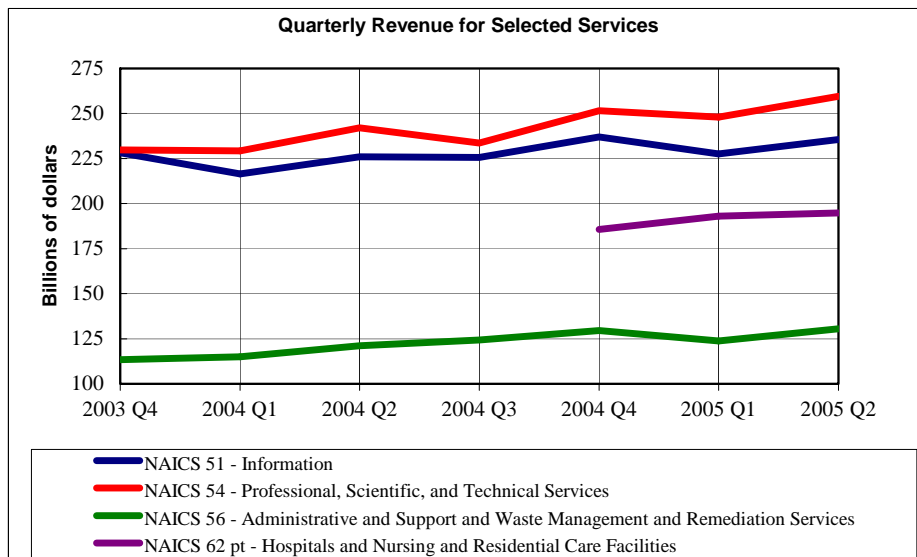
Information The Department of Commerce's Census Bureau announced today that the estimate of U.S. information sector revenue for the second calendar quarter of 2005, not adjusted for seasonal variation, holiday or trading-day differences, or price changes, was \$235.5 billion, an increase of 3.5 percent ($\pm 0.3\%$) from the first quarter of 2005 and up 4.3 percent ($\pm 0.8\%$) from the second quarter of 2004. The fourth to first quarter percent change was revised from -4.1 percent ($\pm 0.5\%$) to -4.0 percent ($\pm 0.3\%$). The telecommunications industry estimate was \$88.4 billion, an increase of 1.2 percent ($\pm 0.3\%$) from the first quarter of 2005 and up 2.4 percent ($\pm 1.0\%$) from the second quarter of 2004. The publishing subsector estimate was \$62.5 billion, an increase of 6.4 percent ($\pm 1.0\%$) from the first quarter of 2005 and up 6.7 percent ($\pm 1.5\%$) from the second quarter of 2004.

Professional, scientific, and technical services The estimate of U.S. professional, scientific, and technical services revenue for the second quarter of 2005, not adjusted for seasonal variation, holiday or trading-day differences, or price changes, was \$259.5 billion, an increase of 4.6 percent ($\pm 1.7\%$) from the first quarter of 2005 and up 7.2 percent ($\pm 2.0\%$) from the second quarter of 2004. The fourth to first quarter percent change was revised from -0.5 percent ($\pm 1.5\%$)* to -1.4 percent ($\pm 1.7\%$)*. The architectural, engineering, and related services industry estimate was \$57.5 billion, an increase of 7.7 percent ($\pm 3.1\%$) from the first quarter of 2005 and up 0.9 percent ($\pm 3.6\%$)* from the second quarter of 2004.

Administrative and support and waste management and remediation services The estimate of U.S. administrative and support and waste management and remediation services revenue for the second quarter of 2005, not adjusted for seasonal variation, holiday or trading-day differences, or price changes, was \$130.5 billion, an increase of 5.4 percent ($\pm 1.3\%$) from the first quarter of 2005 and up 7.8 percent ($\pm 2.8\%$) from the second quarter of 2004. The fourth to first quarter percent change was revised from -4.3 percent ($\pm 1.5\%$) to -4.4 percent ($\pm 1.3\%$). The employment services industry estimate was \$36.1 billion, an increase of 3.1 percent ($\pm 2.6\%$) from the first quarter of 2005 and up 7.6 percent ($\pm 6.8\%$) from the second quarter of 2004.

Hospitals and nursing and residential care facilities The estimate of U.S. hospitals and nursing and residential care facilities revenue for the second quarter of 2005, not adjusted for seasonal variation, holiday or trading-day differences, or price changes, was \$194.8 billion, an increase of 0.9 percent ($\pm 1.0\%$)* from the first quarter of 2005. The fourth to first quarter percent change was revised from 2.4 percent ($\pm 0.7\%$) to 2.1 percent ($\pm 1.0\%$).

For survey description and an explanation of the measures of sampling variability included in this report, please see the last page of this publication.



Third quarter 2005 revenue is scheduled to be released on December 14, 2005, at 10:00 a.m. EST

This report is available on the day of issue through the Department of Commerce's STAT-USA Website; for more information, call (202) 482-1986.

* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

Our internet site is <http://www.census.gov/qss>

Table 1. Selected Services - Estimated Revenue for Employer Firms

[Estimates have not been adjusted for seasonal variation, holiday or trading-day differences, or price changes. Estimates are based on data from the Quarterly Services Survey]

NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Revenue to date		
		2Q 2005	1Q 2005	4Q 2004	3Q 2004	2Q 2004	1Q 2004	2Q 2005	1Q 2005	2Q 2005	1Q 2005	2005	2004	2005
		(p)	(r)					from 1Q 2005	from 4Q 2004	from 2Q 2004	from 1Q 2004	(p)		from 2004
51	Information	235,501	227,592	236,969	225,588	225,858	216,455	3.5	-4.0	4.3	5.1	463,093	442,313	4.7
511	Publishing industries	62,524	58,769	64,010	59,563	58,580	56,064	6.4	-8.2	6.7	4.8	121,293	114,644	5.8
51111	Newspaper publishers	13,299	12,553	13,505	12,463	12,757	12,093	5.9	-7.0	4.2	3.8	25,852	24,850	4.0
51112	Periodical publishers	9,551	8,554	9,539	9,543	9,308	8,189	11.7	-10.3	2.6	4.5	18,105	17,497	3.5
5111 pt	Book, database and directory, and other publishers ²	14,391	13,831	14,717	14,371	13,371	12,922	4.0	-6.0	7.6	7.0	28,222	26,293	7.3
5112	Software publishers	25,283	23,831	26,249	23,186	23,144	22,860	6.1	-9.2	9.2	4.2	49,114	46,004	6.8
512	Motion picture and sound recording industries	16,626	16,957	19,539	16,012	18,074	17,175	-2.0	-13.2	-8.0	-1.3	33,583	35,249	-4.7
513	Broadcasting and telecommunications	134,105	130,466	131,507	128,829	127,865	122,805	2.8	-0.8	4.9	6.2	264,571	250,670	5.5
5131	Radio and television broadcasting	15,450	14,792	16,190	15,205	15,701	13,302	4.4	-8.6	-1.6	11.2	30,242	29,003	4.3
5132	Cable networks and program distribution	30,223	28,289	27,641	26,242	25,802	24,474	6.8	2.3	17.1	15.6	58,512	50,276	16.4
5133	Telecommunications	88,432	87,385	87,676	87,382	86,362	85,029	1.2	-0.3	2.4	2.8	175,817	171,391	2.6
51331	Wired telecommunications carriers	49,883	50,319	51,350	51,484	52,066	52,541	-0.9	-2.0	-4.2	-4.2	100,202	104,607	-4.2
51332	Wireless telecommunications carriers (except satellite)	33,512	32,019	31,641	31,367	29,759	28,214	4.7	1.2	12.6	13.5	65,531	57,973	13.0
5133 pt	Other telecommunications ³	5,037	5,047	4,685	4,531	4,537	4,274	-0.2	7.7	11.0	18.1	10,084	8,811	14.4
514	Information services and data processing services	22,246	21,400	21,913	21,184	21,339	20,411	4.0	-2.3	4.3	4.8	43,646	41,750	4.5
5141	Information services	8,884	8,649	8,923	8,281	8,272	7,920	2.7	-3.1	7.4	9.2	17,533	16,192	8.3
5142	Data processing services	13,362	12,751	12,990	12,903	13,067	12,491	4.8	-1.8	2.3	2.1	26,113	25,558	2.2
54	Professional, scientific, and technical services ⁴	259,456	247,941	251,500	233,571	241,999	229,320	4.6	-1.4	7.2	8.1	507,397	471,319	7.7
5412	Accounting, tax preparation, bookkeeping, and payroll services	26,609	30,204	21,085	19,990	23,572	27,565	-11.9	43.2	12.9	9.6	56,813	51,137	11.1
5413	Architectural, engineering, and related services ⁵	57,502	53,379	55,496	52,645	56,991	51,105	7.7	-3.8	0.9	4.4	110,881	108,096	2.6
5415	Computer systems design and related services	47,619	45,884	45,952	45,066	44,681	44,967	3.8	-0.1	6.6	2.0	93,503	89,648	4.3
5416	Management, scientific, and technical consulting services	33,485	31,754	31,730	29,962	30,199	27,631	5.5	0.1	10.9	14.9	65,239	57,830	12.8
5418	Advertising and related services	19,393	17,415	19,091	17,311	17,196	16,207	11.4	-8.8	12.8	7.5	36,808	33,403	10.2
541 pt	Other professional, scientific, and technical services ⁶	74,848	69,305	78,146	68,597	69,360	61,845	8.0	-11.3	7.9	12.1	144,153	131,205	9.9
56	Administrative and support and waste management and remediation services ⁷	130,531	123,881	129,561	124,355	121,139	115,086	5.4	-4.4	7.8	7.6	254,412	236,225	7.7
561	Administrative and support services ⁷	117,204	111,610	115,634	110,347	108,415	103,104	5.0	-3.5	8.1	8.2	228,814	211,519	8.2
5613	Employment services	36,133	35,056	37,268	34,560	33,583	30,505	3.1	-5.9	7.6	14.9	71,189	64,088	11.1
5615	Travel arrangement and reservation services	8,171	7,082	6,778	6,822	7,157	6,338	15.4	4.5	14.2	11.7	15,253	13,495	13.0
561 pt	Other administrative and support services ⁸	72,900	69,472	71,588	68,965	67,675	66,261	4.9	-3.0	7.7	4.8	142,372	133,936	6.3
562	Waste management and remediation services	13,327	12,271	13,927	14,008	12,724	11,982	8.6	-11.9	4.7	2.4	25,598	24,706	3.6
62 pt	Selected health care services ⁹	194,787	193,083	189,176	NA	NA	NA	0.9	2.1	NA	NA	387,870	NA	NA
622	Hospitals	158,927	158,080	153,629	NA	NA	NA	0.5	2.9	NA	NA	317,007	NA	NA
623	Nursing and residential care facilities	35,860	35,003	35,547	NA	NA	NA	2.4	-1.5	NA	NA	70,863	NA	NA

(p) Preliminary estimate. (r) Revised estimate. NA Not available.

(1) For a full description of the NAICS codes used in this table, see www.census.gov/epcd/www/naics.html.

(2) Includes NAICS 51113 (book publishers), 51114 (database and directory publishers), and 51119 (other publishers).

(3) Includes NAICS 51333 (telecommunications resellers), 51334 (satellite telecommunications), and 51339 (other telecommunications).

(4) Excludes NAICS 54112 (offices of notaries), 54132 (landscape architectural services), and 54194 (veterinary services).

(5) Excludes NAICS 54132 (landscape architectural services).

(6) Includes NAICS 5411 (legal services except NAICS 54112 (offices of notaries)), 5414 (specialized design services), 5417 (scientific research and development services), and 5419 (other professional, scientific, and technical services except NAICS 54194 (veterinary services)).

(7) Excludes NAICS 56173 (landscaping services).

(8) Includes NAICS 5611 (office administrative services), 5612 (facilities support services), 5614 (business support services), 5616 (investigation and security services), 5617 (services to buildings and dwellings except NAICS 56173 (landscaping services)), and 5619 (other support services).

(9) Includes NAICS 622 (hospitals) and 623 (nursing and residential care facilities).

Note: Sector totals and subsector totals may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/svsd/www/qssreliability.html.

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

NAICS code	Kind of business	Median coefficient ¹ of variation for quarterly total revenue	Median standard error ¹ for percent change		Coefficient of variation for revenue to date		Standard error for percent change
			Ratio of two consecutive quarters	Current quarter to current quarter last year	2005	2004	2005 revenue to date from 2004 revenue to date
51	Information	0.5	0.2	0.5	0.6	0.4	0.4
511	Publishing industries	1.1	0.6	0.9	1.2	0.7	0.8
51111	Newspaper publishers	1.0	0.4	1.0	1.3	0.6	1.0
51112	Periodical publishers	1.8	0.9	1.2	2.1	1.5	1.1
5111 pt	Book, database and directory, and other publishers	2.8	1.7	2.5	2.7	2.8	2.4
5112	Software publishers	2.2	1.0	2.1	2.4	1.2	1.9
512	Motion picture and sound recording industries	2.8	2.2	2.8	2.9	2.8	1.6
513	Broadcasting and telecommunications	0.6	0.2	0.4	0.7	0.5	0.4
5131	Radio and television broadcasting	2.1	0.9	1.8	2.0	1.8	1.3
5132	Cable networks and program distribution	1.3	0.1	1.3	1.4	0.9	0.9
5133	Telecommunications	1.0	0.2	0.6	1.1	0.8	0.6
51331	Wired telecommunications carriers	1.4	0.3	0.7	1.5	1.2	0.7
51332	Wireless telecommunications carriers (except satellite)	0.4	0.1	0.3	0.4	0.3	0.2
5133 pt	Other telecommunications	9.0	1.6	4.4	10.8	5.7	4.9
514	Information services and data processing services	1.7	0.6	0.8	1.7	1.5	0.6
5141	Information services	2.2	1.2	1.5	1.8	1.6	1.2
5142	Data processing services	2.6	0.6	1.5	2.6	1.9	1.2
54	Professional, scientific, and technical services	1.6	1.0	1.2	1.4	1.2	0.6
5412	Accounting, tax preparation, bookkeeping, and payroll services	6.4	2.3	2.7	5.3	4.9	2.0
5413	Architectural, engineering, and related services	2.8	1.9	2.2	2.6	1.9	1.6
5415	Computer systems design and related services	3.1	1.2	1.8	3.2	2.7	1.6
5416	Management, scientific, and technical consulting services	3.9	1.7	2.8	4.2	2.6	2.7
5418	Advertising and related services	2.5	2.0	2.1	2.2	1.6	2.0
541 pt	Other professional, scientific, and technical services	2.5	2.1	3.1	2.7	1.7	2.1
56	Administrative and support and waste management and remediation services	2.5	0.8	1.7	2.4	1.7	1.2
561	Administrative and support services	2.7	1.0	1.7	2.6	1.8	1.3
5613	Employment services	6.5	1.6	4.1	6.4	5.3	3.2
5615	Travel arrangement and reservation services	7.0	2.5	5.3	7.1	5.8	4.8
561 pt	Other administrative and support services	2.1	1.2	1.7	2.1	1.3	1.7
562	Waste management and remediation services	3.7	2.2	2.8	3.7	4.0	2.7
62 pt	Selected health care services	1.6	0.6	NA	1.5	NA	NA
622	Hospitals	1.6	0.7	NA	1.5	NA	NA
623	Nursing and residential care facilities	2.8	1.2	NA	3.1	NA	NA

NA Not available.

(1) The medians are based on estimates for the most recent four quarters if available.

Note: Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/svsd/www/qssreliability.html.

Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey (QSS) to provide national estimates of quarterly revenue for firms located in the United States and classified in selected service industries. The QSS sample includes firms classified in NAICS 51 (Information), NAICS 54 (Professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), or NAICS 62 (Hospitals, and nursing and residential care facilities). Each quarter, questionnaires are mailed to a probability sample of approximately 6,000 employer firms selected from the larger Service Annual Survey (SAS) sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new service businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. For NAICS 51 (Information), imputed revenue amounts to about 8 percent of the total revenue estimate; for NAICS 54 (Professional, scientific, and technical services) imputed revenue amounts to about 26 percent; for NAICS 56 (Administrative and support and waste management and remediation services) imputed revenue amounts to about 27 percent; and for NAICS 62 (Hospitals, and nursing and residential care facilities) imputed revenue amounts to about 19 percent. Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed). The weight for each unit is a product of two factors: the reciprocal of the probability of selecting the unit into the sample and a weight that adjusts the quarterly estimates using SAS results. Additional information on the QSS can be found on the Census Bureau website at: www.census.gov/qss.

Reliability of the Estimates

Because the estimates presented in this report are based on a sample survey, they may contain sampling error and nonsampling error.

Sampling error is the difference between an estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Standard errors and coefficients of variation, as given in Table 2 of this report, are estimated measures of sampling variability.

The first page of this release gives statements that compare sample survey estimates from two points in time. The corresponding change between each pair of estimates is accompanied by a number in parentheses, called the “margin of error.” This number can be used to construct a range about the change estimate which is a 90-percent confidence interval. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is ± 1.5 percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains zero, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the change is different from zero. The margin of error is computed by multiplying the estimated standard error of the estimate, obtained from Table 2, by 1.65. For quarterly totals, the estimated coefficient of variation (CV) is given. For these estimates, the confidence interval is computed as (the estimated quarterly total) $\pm 1.65 \times CV \times$ (the estimated quarterly total). For any change estimate cited without a margin of error, the estimate has undergone statistical testing so that one may conclude, with 90-percent confidence, that the change estimate is different from zero. The Census Bureau recommends that individuals using estimates in this report incorporate the above information into their analyses, as sampling error could affect the conclusions drawn from the estimates.

Nonsampling error is the difference between the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions and the population parameter of interest. Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate. This type of error can occur because of nonresponse, insufficient coverage of the survey universe, mistakes in the recording and coding of data, model error, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error.