Employment outlook: 2000–10

Industry output and employment projections to 2010

U.S. employment to 2010 is expected to rise, although not as quickly as in the 1990s; nonfarm wage and salary workers should account for most of the new jobs

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Imployment in the United States is projected to increase by 22.2 million over the 2000–10 period. Even though the growth (1.4 percent) is slightly slower than that experienced during the past decade, employment in the economy is expected to reach 167.8 million. Nonfarm wage and salary workers are expected to account for most of the projected employment gains, 152.5 million. Agricultural employmentincluding wage and salary workers, self-employed persons, and unpaid family workers-is projected to increase by 323,000. Nonfarm selfemployed and unpaid family workers are also expected to increase—to 9.1 million—while private household wage and salary jobs are projected to decline by 226,000. (See table 1.)

Real output among industries is expected to expand by nearly \$6.1 trillion between 2000 and 2010, to \$22.3 trillion from \$16.2 trillion.¹ The resulting average annual growth rate of 3.3 percent closely mirrors that experienced during the 1990-2000 period. Nearly 60 percent of total output growth will be attributed to the service-producing industries, where real output is expected to expand at about the same rate experienced during the past decade—3.4 percent—and reach \$13.1 trillion by 2010. Real output growth in the goods-producing sector is projected to increase 3 percent annually, slightly slower than that of the 1990–2000 period. Although comprising just 1.8 percent of the economy's total output, agriculture output is expected to grow at 1.9 percent annually, slightly lower than its previous 10-year growth rate. (See table 2.)

The aggregate picture of the economy for the year 2010 has labor force and gross domestic product growth remaining constant, while rising productivity rates continue to lead the way for output increases. Macroeconomic factors providing the foundation for the industry and output projections include the labor force and demographic changes, Government defense spending and tax policies, foreign economic activity, business investment decisions, personal consumption patterns, and aggregate productivity trends.²

Most recent BLS projections of the economy has the labor force growing at an annual rate of 1.1 percent, which echoes that experienced during the 1990–2000 period. Growth of the nonfarm labor productivity index is projected to average 2.8 percent per year from 2000 through 2010, a significant increase from the 2.0-percent rate observed over the previous 10 years. Annual GDP growth is expected to mirror the 3.3-percent rate experienced during the previous 1990-2000 period. Within GDP, business investment is set to continue to outpace household consumption as companies continue to take advantage of technological advances to enhance productivity. Foreign trade, however, is expected to accelerate the fastest as the trade deficit on average by 8 percent annually throughout the projected period, thereby depressing the dollar exchange rate.

Industry	1	lhousands of	jobs	Cho	nge	Per	cent distribu	ition	Average rate of c	
	1990	2000	2010	1990-2000	2000-10	1990	2000	2010	1990-2000	2000-10
Total ¹	124,324	145,594	167,754	21,269	22,160	98.2	98.8	99.0	1.6	1.4
Nonfarm wage										
and salary ²	108,760	130,639	152,447	21,879	21,807	87.5	89.7	90.9	1.8	1.6
Goods producing	24,906	25,709	27,057	803	1,347	20.0	17.7	16.1	0.3	0.5
Mining	709	543	488	-167	-55	0.6	0.4	0.3	-2.6	-1.1
Construction	5,120	6,698	7,522	1,578	825	4.1	4.6	4.5	2.7	1.2
Manufacturing	19,077	18,469	19,047	-607	577	15.3	12.7	11.4	3	0.3
Durable	11,109	11,138	11,780	29	642	8.9	7.7	7.0	0.0	0.6
Nondurable	7,968	7,331	7,267	-637	-64	6.4	5.0	4.3	8	1
Service producing	83,854	104,930	125,390	21,076	20,461	67.4	72.1	74.7	2.3	1.8
Transportaion, communications,										
utilities	5,776	7,019	8,274	1,243	1,255	4.6	4.8	4.9	2.0	1.7
Wholesale trade	6,173	7,024	7,800	851	776	5.0	4.8	4.6	1.3	1.1
Retail trade Finance, insurance,	19,601	23,307	26,400	3,706	3,093	15.8	16.0	15.7	1.7	1.3
and real estate	6,709	7,560	8,247	851	687	5.4	5.2	4.9	1.2	
Services	27,291	39,340	52,233	12,049	12,893	22.0	27.0	31.1	3.7	2.9
Government	18,304	20,680	22,436	2,376	1,757	14.7	14.2	13.4	1.2	2.3
	1 '	· · · ·	· · ·							
Federal Government State and local	3,085	2,777	2,622	-308	-154	2.5	1.9	1.6	-1.0	6
government	15,219	17,903	19,814	2,684	1,911	12.2	12.3	11.8	1.6	1.0
griculture ³	3,340	3,526	3,849	186	323	2.7	2.4	2.3	.5	
Private household wage and salary	1,014	890	664	-124	-226	.8	.6	.4	-1.3	-2.9
Nonagriculture self- employed and unpaid family workers ⁴ Secondary wage and salary jobs in agricutlure	8,921	8,731	9,062	-190	331	7.2	6.0	5.4	2	.4
(except agricultural services); forestry, fishing, and trapping; and private households⁵	205	155	150	-50	-5	.2	.1	.1	-2.8	
Secondary jobs as a self-employed or unpaid family worker ⁶	2,084	1,652	1,582	-432	-70	1.7	1.1	.9	-2.3	4

Employment Statistics (payroll) survey, which counts jobs, whereas selfemployed, unpaid family workers, agricultural, and private household data are from the Current Population Survey (household survey), which counts workers.

sector for sic 08, 09 (forestry, fishing, hunting, and trapping).

⁴ Excludes sic 08,09 (forestry, fishing, hunting, and trapping).

⁵Workers who hold a secondary wage and salary job in agriculture (except agricultural services); forestry, fishing, hunting and trapping; and private households

² Excludes sic 074,5, 8 (agricultural services and 99 nonclassifiable establishments), and is therefore not directly comparable with the data published in the Bureau of Labor Statistics monthly periodical, Employment and Earnings.

⁶ Wage and salary workers who hold a secondary job as a self-employed or unpaid family worker.

Continuing the 1990-2000 historical trend, virtually all nonfarm wage and salary employment growth will be generated by service-producing sector.³ Even though the goods-producing sector will continue to add jobs, its relatively slow 0.5 percent annual growth is dwarfed by the expected 1.8-percent pace and 20.5 million jobs created by the service sector.

The service industry division represents the strongest growth within the service-producing sector, both in terms of absolute and percentage change. Generating 12.9 million jobs

at an average annual rate of 2.9 percent, this industry overshadows the 3.1 million jobs expected to be created by the retail trade industry, the next largest source of employment growth. Together, these two industry divisions make up about 73 percent of the total increase in nonfarm wage and salary employment between 2000 and 2010. Buoyed by a projected increase of approximately 2 million jobs at the State and local level, government employment is expected to rise to 22.4 million. Federal Government employment, only about 17 percent

Industry	Billion	s of chained 199	6 dollars	Pe	rcent distributio	n	Average rate of c	
	1990	2000	2010	1990	2000	2010	1990-2000	2000-10
Total	11,472.2	16,180.2	22,286.1	100.0	100.0	100.0	3.5	3.3
Goods producing	3,947.5	5,724.4	7,681.0	34.4	35.4	34.5	3.8	3.0
Mining	205.4	212.1	229.9	1.8	1.3	1.0	.3	0.8
Construction	730.0	910.1	1,182.1	6.4	5.6	5.3	2.2	2.6
Manufacturing	3,022.0	4,601.4	6,278.6	26.3	28.4	28.2	4.3	3.2
Durable	1,480.8	2,785.2	4,136.4	12.9	17.2	18.6	6.5	4.0
Nondurable	1,553.0	1,834.5	2,219.7	13.5	11.3	10.0	1.7	1.9
Service producing Transportation,	6,732.3	9,421.9	13,079.1	58.7	58.2	58.7	3.4	3.3
communications, utilities	931.1	1,278.0	1,961.9	8.1	7.9	8.8	3.2	4.4
Wholesale trade	607.7	920.4	1,409.6	5.3	5.7	6.3	4.2	4.4
Retail trade Finance, insurance, and	896.8	1,222.4	1,627.9	7.8	7.6	7.3	3.1	2.9
real estate	1,198.1	1,806.4	2,429.1	10.4	11.2	10.9	4.2	3.0
Services	2,056.7	3,031.5	4,377.9	17.9	18.7	19.6	4.0	3.7
Government	1,043.4	1,161.6	1,287.5	9.1	7.2	5.8	1.1	1.0
Federal Government	388.9	353.3	359.8	3.4	2.2	1.6	-1.0	.2
State and local								
government	654.5	808.3	927.7	5.7	5.0	4.2	2.1	1.4
Agriculture	257.2	333.7	404.5	2.2	2.1	1.8	2.6	1.9
Private households	12.6	14.7	13.3	.1	.1	.1	1.5	-1.0
Special industries 1	529.9	706.8	1,102.2	4.6	4.4	4.9	2.9	4.5
Residual ²	-7.4	-21.3	5.9	1	1	.0		

¹ Consists of nonproducing accounting categories to reconcile inputoutput system with NIPA accounts.

² Residual is shown for the first level only. Subcategories do not necessarily add to higher categories as a byproduct of chainweighting.

of total government employment in 1990, is expected to continue to decline to 11.7 percent, shedding an additional 154,000 workers by 2010.

Within the goods-producing sector, construction employment is expected to grow at an annual rate of 1.2 percent rate, adding 825,000 jobs over the 2000–10 period; manufacturing employment is projected to grow 0.3 percent annually, but only regain its 1990 employment level of 19.1 million workers. Employment in mining industries is expected to contract 1.1 percent annually—losing 55,000 jobs.

On the other hand, output for the goods-producing sector is anticipated to keep pace with the service-producing industries. Through strong productivity gains, output for the goodsproducing sector is projected to increase by 3.0 percent annually (compared with 3.3 percent for the service-producing sector), and generate \$2.0 trillion in additional output over the projected period. Manufacturing, the dominant goods-producing industry, is projected to expand by \$1.7 million from its 2000 level of \$4.6 trillion. Real output for durable goods manufacturing, projected to grow annually at 4.0 percent, is almost double the expected pace of its nondurable goods counterpart. The economy, however, is expected to remain service dominated as that sector's output reaches \$13.1 trillion by 2010. The goods-producing sector, alternatively, is expected SOURCES: Historical data are from the Bureau of Economic Analysis, U.S. Department of Commerce; projections are from the Bureau of Labor Statistics.

to generate \$7.7 trillion in output by 2010. Almost 40 percent of the projected output for the service-producing industries will be attributed to the services division, which is expected to grow at an annual rate of 3.7 percent, to \$4.4 trillion in 2010 from \$3.0 trillion in 2000. The transportation, communications, and utilities division, as well as the finance, insurance, and real estate division, are expected to be the next two most influential sources of output growth—increasing 4.4 and 3.0 percent, respectively—and generating \$1.3 trillion of combined additional output.

Service-producing sector

Transportation. Jobs in the transportation industries are projected to increase at a 1.9-percent annual rate, to 5.5 million jobs in 2010 from 4.5 million jobs in 2000. Output is projected to increase at a 4.2-percent annual rate, which is faster than that of the overall economy, and the 3.2-percent growth this sector experienced during the last decade. Almost a third of the transportation sector's employment growth and half of its output increases occur in trucking and courier services, except air. (See table 3.) This industry's above-average projected output growth rate of 4.2 percent results in \$121.2 billion worth of additional output being generated by 2010, and

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				E	mployr	nent					Output		
Standard Industrial Classification	Industry	Thou	usands o	f jobs	Chc	nge		e annual change		ns of ch 996 doll		Average rate of	
		1990	2000	2010	1990- 2000	2000- 10	1990- 2000	2000- 10	1990	2000	2010	1990- 2000	2000- 10
	Nonfarm wage and salary ¹	109 760	120 620	152 117	21 970	21 909	1.8	1.6	10,672	15,128	20,761	3.6	3.
		100,700	130,039	152,447	21,079	21,000	1.0	1.0	10,072	15,120	20,701	3.0	
0–14	Mining	709	543	487	-167	-55	-2.6	-1.1	205	212	230	0.3	0
0 2	Metal mining	58 147	41	35 54	-17 -69	6 23	-3.5 -6.2	-1.5 -3.5	11 25	13 26	16 33	1.2 0.4	
2 31,132	Coal mining Crude petroleum, natural gas,	147		54	-09	-23	-0.2	-3.5	25	20	33	0.4	-
01,102	and gas liquids	196	129	100	-67	-29	-4.1	-2.5	133	122	130	8	
38	Oil and gas field services	198	182	188	-17	7	9	0.4	22	31	28	3.3	-
4	Nonmetallic minerals,												
5 40 47	except fuels	110	114	-	3	-4	0.3	3	15	19	24	2.1	
5,16,17 0–39	Construction		6,698	7,522		825 577	2.7 3	1.2 0.3	730 3,022	910 4 601	1,182	2.2 4.3	
4,25,32–39	Manufacturing Durable manufacturing		18,469		-607 29	577 642	0.0	0.3	3,022 1,481	4,601 2,785	6,279 4,136	4.3 6.5	
4,23,32-39	Lumber and wood products	733	832	905	29 99	73	1.3	0.8	106	2,785	146	0.5	
41	Logging	85	80	80	-5	1	6	0.1	23	15	18	-3.9	
42	Sawmills and planing mills	198	185	185	-13	0	7	0.0	27	34	44	2.2	
43	Millwork, plywood,												
44.040	and structural members	262	335	361	74	25	2.5	0.7	31	36	44	1.6	
44,249	Wood containers and misc. wood products	130	142	152	12	10	0.9	0.7	17	19	23	1.6	
45	Wood buildings and mobile	130	142	152	12	10	0.9	0.7	17	19	23	1.0	
	homes	59	91	127	31	36	4.3	3.4	8	10	16	2.0	
25	Furniture and fixtures	506	558	630	52	72	1.0	1.2	50	84	111	5.3	
251	Household furniture	289	293	283	4	-11	0.1	4	24	32	38	3.0	
254	Partitions and fixtures	78	91	116	12	25	1.5	2.5	7	14	16	6.8	
252,253,259	Office and misc. furniture	138	174	231	36	57	2.3	2.9	19	37	57	7.2	
321,322,323	and fixtures Glass and glass products	160	1/4	140	-12	-8	8	2.9 6	19	25	34	2.9	
324	Hydraulic cement	18	18	16		-2	2	-1.0	6	7	11	2.8	
325,326,328,329	Stone, clay, and miscellaneous	-						-	-			-	
	mineral products	172	165	152	-7	-13	4	8	20	29	32	3.7	
327	Concrete, gypsum, and plaster		0.40		40					10		0.7	
33	products	206 756	248 698	263 650	42 58	14	1.9 8	0.6 7	29 152	42 200	53 239	3.7 2.8	
331	Primary metal industries Blast furnaces and basic	700	090	000	-00	-47	0	7	152	200	239	2.0	
51	steel products	276	225	176	-52	-49	-2.1	-2.4	65	79	73	1.8	
332	Iron and steel foundries	132	123	125	-10	2	7	0.2	13	18	26	2.7	
333	Primary nonferrous smelting												
	and refining	46	36	34	-10	-2	-2.5	4	14	18	21	2.5	
334,339	All other primary metals	46	45	43		-1	3	3	10	11	17	1.6	
335 336	Nonferrous rolling and drawing Nonferrous foundries	172 84	176 94	173 99	4 11	-3 5	0.2	-0.2 0.5	42 7	60 14	81 81	3.7 6.6	
34	Fabricated metal products	1,419	1,537		118	124	0.8	0.8	176	273	387	4.5	
341	Metal cans and shipping	.,	.,	.,			0.0	0.0		2.0			
	containers	50	36	26	-14	-10	-3.3	-3.3	14	13	18	-0.5	:
342	Cutlery, hand tools,							_					
242	and hardware	131	121	110	-11	-11	9	9	16	21	30	2.5	:
343	Plumbing and nonelectric heating equipment	60	60	55	0	-5	.0	8	7	11	12	4.6	
344	Fabricated structural metal			35		-5		.0	'		12	ч. 0	
	products	427	498	540	72	42	1.6	.8	49	76	102	4.5	
345	Screw machine products, bolts,												
40	rivets, etc.	96	107	123		16	1.1	1.4	9	26	42	10.6	
346	Metal forgings and stampings Metal coating, engraving,	225	255	254	30	-1	1.3	.0	31	53	70	5.5	
347	and allied services	120	146	191	27	45	2.0	2.7	10	17	32	4.9	
48	Ordnance and ammunition	75	38	35		40 3	-6.5	2.7 9	8	6	52	-3.3	
49	Miscellaneous fabricated metal						0.0		5	5	· ·	0.0	'
	products	237	277	327	40	51	1.6	1.7	32	51	74	4.9	:
35	Industrial machinery and												
054	equipment	2,095	2,120			102	0.1	0.5	214	618	1,117	11.2	
51	Engines and turbines	89	85	83	-4	-2	5	2	19	30	42	4.6	

				E	mploym	nent					Output		
Standard Industrial Classification	Industry	Thou	isands of	jobs	Cha	nge	Average rate of c			ons of ch 996 dol			e annua change
		1990	2000	2010	1990- 2000	2000- 10	1990- 2000	2000- 10	1990	2000	2010	1990- 2000	2000- 10
352	Farm and garden machinery												
	and equipment	106	96	105	-9	9	9	0.9	18	24	40	3.0	5.3
353	Construction and related machinery	229	240	284	11	44	0.5	1.7	33	53	78	4.9	3.9
354	Metalworking machinery	22.5	240	204			0.5	1.7	55	55	10	4.5	0.3
	and equipment	330	330	330	0	0	.0	0.0	29	38	51	2.8	3.0
355	Special industry machinery	159	172	158	13	-14	.8	8	23	44	40	6.5	-0.9
356	General industrial machinery												
357	and equipment	247	251	260	4	9	.2	.3	34	41	55	2.0	2.9
557	Computer and office equipment	438	361	350	-76	-11	-1.9	3	28	386	1,531	30.1	14.8
358	Refrigeration and service						1.0		20		1,001	00.1	17.0
	industry machinery	177	212	242	35	30	1.8	1.3	29	47	65	5.1	3.2
359	Industrial machinery, n.e.c	320	373	410	53	37	1.5	1.0	26	36	72	3.5	7.
36	Electronic and other electric	1 674	1 740	1 000	45	100	_		454	507	004	140	-
361	equipment Electric distribution equipment	1,674 97	1,719 85	1,820	45 -12	102 8	.3 –1.3	0.6 -1.0	154 11	587 15	984 19	14.3 3.3	5. 2.
362	Electrical industrial apparatus	169	150	127	-12		-1.3	-1.7	20	31	51	4.2	2. 5.
363	Household appliances	124	116	97	-8	-19	7	-1.8	17	24	26	3.9	0.
364	Electric lighting and wiring			-									
	equipment	189	183	194	-5	11	3	.6	21	32	42	4.4	2.
365	Household audio and video												I .
	equipment	85	80	77	-5	-3	6	3	9	12	18	2.5	4.
366	Communications equipment	264	276	290	13	14	.5	.5	41	107	175	10.2	5.
367	Electronic components and accessories	582	682	800	100	118	1.6	1.6	29	386	760	29.3	7.
369	Miscellaneous electrical	502	002	000	100	110	1.0	1.0	25	300	100	29.5	· · ·
	equipment	165	146	158	-19	13	-1.2	.8	22	32	47	4.0	3.
37	Transportation equipment	1,989	1,849	2,063	-140	214	7	1.1	411	613	881	4.1	3.
371	Motor vehicles and equipment	812	1,013	1,100	201	87	2.2	.8	236	433	665	6.3	4.
372,376	Aerospace	897	551	655	-346	104	-4.8	1.7	142	136	162	4	1.
373	Ship and boat building	400	400	470	00		4.0			40	47	10	1
374	and repairing	188 33	166 36	170	-22	4 2	-1.2	.2 .7	20 5	18 10	17 16	-1.0 5.9	-
375,379	Railroad equipment Miscellaneous transportation	33	30	38	3	2	.8	./	э	10	10	5.9	5.
515,519	equipment	59	83	99	24	16	3.5	1.8	8	16	22	7.7	3.
38	Instruments and related				2.	10	0.0	1.0	Ŭ				
	products	1,006	853	869	-153	17	-1.6	.2	130	177	238	3.2	3.
381	Search and navigation												1
	equipment	284	154	140	-130	-14	-5.9	-1.0	40	37	56	6	4.
382	Measuring and controlling		000			•	-			40			
384	devices Medical equipment, instruments,	323	302	300	-21	-2	7	1	33	46	74	3.2	4.
504	and supplies	246	288	338	42	50	1.6	1.6	33	63	87	6.5	3.
385	Ophthalmic goods	43	33	34	-10	1	-2.5	0.2	2	4	5	7.3	2
386	Photographic equipment												
	and supplies	100	70	55	-29	-15	-3.4	-2.4	20	27	15	3.2	-5
387	Watches, clocks, and parts	11	5	2	-6	-3	-7.0	-7.2	2	1	0	-8.1	-14
39	Miscellaneous manufacturing	075	004		40		0.5			50	70		
391	industries Jewelry, silverware, and plated	375	394	390	19	-4	0.5	1	41	52	79	2.5	4.
	ware	52	49	47	-3	-2	6	4	6	8	9	2.6	1.
394	Toys and sporting goods	104	104	109	0	5	.0	.5	11	16	36	3.6	8
393,395,396,399	Manufactured products, n.e.c	220	242	234	22	-8	1.0	3	23	28	34	1.9	2
20–23,26–31	Nondurable manufacturing	7,968	7,331	7,267	-637	-64	8	1	1,553	1,835	2,220	1.7	1.
20	Food amd kindred products	1,661	1,684	1,634	23	-50	.1	3	411	499	542	2.0	0.
201	Meat products	422	504	542	82	38	1.8	.7	87	113	140	2.7	2
202	Dairy products	155	146	121	-10	-24	6	-1.8	53	59	67	1.1	1
203	Preserved fruits	247	220	195	-27	_25	-1.2	-1.2	49	57	45	1.6	-2
204,207	and vegetables Grain mill products and fats	247	220	195	-21	-25	-1.2	-1.2	49	5/	40	1.0	-2
	and oils	159	152	150	-7	-2	-0.5	1	70	87	96	2.2	1
05	Bakery products	213	204	191	-9	-13	-0.5	7	29	32	35	1.0	1.
206	Sugar and confectionery												ı .
	products	99	92	85	-7	-7	7	8	24	28	32	1.7	1

				Em	nployme	ent					Output		
Standard Industrial Classification	Industry	Tho	usands c	of jobs	Cha	inge	Average rate of c			ns of cha 996 dolla		Average rate of c	
		1990	2000	2010	1990- 2000	2000- 10	1990- 2000	2000- 10	1990	2000	2010	1990- 2000	2000 10
208 209	Beverages Miscellaneous food and kindred	184	187	165	3	-22	.2	-1.3	66	85	89	2.6	.4
	products	182	180	185	-2	5	1	.3	35	39	42	1.0	0.7
21	Tobacco products	49	34	29	-15	-5	-3.6	-1.6	36	36	39	.2	3.
22	Textile mill products	692	529	500	-163	-29	-2.7	6	69	78	86	1.3	1.
221–224,226,228	Weaving, finishing, yarn,	374	284	250	-90	-34	-2.7	-1.3	34	39	41	1.4	0.
225	and thread mills Knitting mills	205	126	120	-80	-34	-4.8	5	15	15	18	.0	1.
227	Carpets and rugs	61	66	73	5	7	.7	1.1	11	14	15	1.6	1.
229	Miscellaneous textile goods	51	54	57	2	3	.5	.6	8	10	12	2.4	2.
23	Apparel and other textile products	1,036	633	530	-403	-103	-4.8	-1.8	65	68	87	.3	2.
231–238	Apparel	832	418	315	-414	-103	-6.7	-2.8	47	44	51	6	1.
239	Miscellaneous fabricated textile products	204	215	215	11	0	.5	.0	18	23	36	2.6	4.
26	Paper and allied products	697	657	626	-40	-31	6	5	149	168	195	1.2	1.
261–263	Pulp, paper, and paperboard mills	246	199	176	-48	-23	-2.1	-1.2	64	59	65	8	0.
265	Paperboard containers and boxes	209	218	210	9	-8	0.4	4	36	45	50	2.2	1.
267	Converted paper products												
27	except containers	241	240 1,547	240 1,545	-1 -22	0 3	1	.0	49 195	64 214	79 240	2.7 1.0	2
271	Printing and publishing Newspapers	1,570 474	442	432	-33	-10	1 7	.0 –.2	48	214 44	240 43	-1.0	1.
272	Periodicals	129	149	165	20	16	1.5	1.0	25	38	43	4.0	1
273	Books	123	149	136	5	10	.4	0.7	23 24	23	31	5	2
274 275,276	Miscellaneous publishing	82	95	105	13	10	1.5	1.0	11	18	27	4.5	4.
	and business forms	602	603	585	1	-18	.0	3	71	76	79	.6	
277 278	Greeting cards Blankbooks and bookbinding	25 72	25 60	27 55	0	1 4	.0 –1.9	0.6 8	4	4 6	4	.1 1.5	-
279	Service industries for the	64	47	40	-16	-7	-2.9	-1.6	5	5	5	_	
28	printing trade Chemicals and allied products	1,086	1,038	1,081	-48	43	-2.9	-1.0	337	403	560	.1 1.8	3.
281,286	Industrial chemicals	293	218	190	-75	-28	-2.9	-1.4	116	100	94	-1.4	-
282	Plastics materials and synthetics	180	154	130	-26	-24	-1.5	-1.7	52	69	101	2.8	4.
283 284	Drugs Soap, cleaners, and toilet	237	315	390	78	75	2.9	2.2	63	99	171	4.7	5
	goods	159	155	164	-4	9	3	.6	47	63	89	2.9	3.
285	Paints and allied products	61	52	56	-9	4	-1.7	.7	16	20	28	1.8	3.
287	Agricultural chemicals Miscellaneous chemical	56	51	56	-5	5	9	.9	22	25	36	1.2	3
289		100	93	95	-7	2	7	.2	23	27	38	1.7	3.
29	Petroleum and coal products	157	128	113	-30	-15	-2.1	-1.2	171	189	208	1.0	
291	Petroleum refining	118	85	65	-33	-20	-3.3	-2.6	157	169	181	.7	
295,299	Miscellaneous petroleum												
	and coal products	40	43	48	3	5	.8	1.0	14	21	27	3.6	2.
30	Rubber and miscellaneous												
204	plastic products	888	1,011	1,166	123	156	1.3	1.4	110	170	253	4.5	4.
301	Tires and inner tubes	84	79	82	-5	2	6	.3	12	15	23	2.5	4.
302,305,306	Rubber products and plastic hose and footwear	177	187	184	10	-2	.6	1	18	26	34	3.4	2.
308	Miscellaneous plastics products,		107	104		2	.0	1	10	20	54	5.4	2.
	n.e.c.	626	744	900	118	156	1.7	1.9	79	129	196	5.0	4.
31 313,314	Leather and leather products Footwear, except rubber	133	72	44	-62	-27	-6.0	4.7	10	10	5	2	-6.
,	and plastic	80	30	14	-50	-16	-9.3	-7.2	5	3	2	-6.3	-1
311,315–317,319		53	41	30	-12	-11	-2.5	-3.2	6	8	- 4	3.2	-6
10-42,44-49	Transportation, communication,												
10-42,44-47	and utlitlies Transportation	5,776 3,510	7,019 4,529	8,274 5,466	1243 1019	1255 937	2.0 2.6	1.7 1.9	931 387	1,278 531	1,962 798	3.2 3.2	4
10-42,44-47 10	Railroad transportation	279	4,529	175	-43	-60	-1.7	-2.9	35	37	48	.5	2
41	Local and interurban passenger	213	200	115		-00	/	-2.3	30	51	40		2.
	transit	338	476	624	138	148	3.5	2.7	21	24	31	1.4	2

				Em	nployme	ent					Output		
Standard Industrial Classification	Industry	Thou	isands o	of jobs	Chc	inge	Average rate of e	e annual change		is of cha 96 dolla		Average rate of c	
		1990	2000	2010	1990- 2000	2000- 10	1990- 2000	2000- 10	1990	2000	2010	1990- 2000	2000- 10
12 121,423	Trucking and warehousing Trucking and courier services	1,395	1,856	2,262	460	407	2.9	2.0	163	255	394	4.6	4.4
12 1, 120	except air	1,278	1,649	1,962	371	313	2.6	1.8	154	237	359	4.4	4.:
122	Warehousing and storage	117	206	300	89	94	5.8	3.8	10	17	35	6.2	7.
14	Water transportation	177	196	208	19	13	1.0	.6	37	40	50	.9	2
15	Air transportation	968	1,281	1,600	314	319	2.8	2.2	96	125	192	2.6	4
16	Pipelines, except natural gas	19	14	11	-5	-2	-3.0	-1.7	8	7	9	-2.2	3
17	Transportation services	336	471	585	135	114	3.4	2.2	26	43	73	5.1	5
172	Passenger transportation												
173,474,478	arrangement Miscellaneous transportation	188	219	235	30	17	1.5	.7	10	19	34	6.7	6
	services	148	253	350	105	97	5.5	3.3	16	24	40	4.0	5
18 181–2,489	Communications Telephone communications	1,309	1,639	1,916	330	277	2.3	1.6	245	419	750	5.5	6
184	and services Cable and pay television	950	1,168	1,310	218	143	2.1	1.2	185	341	638	6.3	6
100	Services	126	216	325	90	109	5.5	4.2	26	35	60	2.8	5
83 9	Radio and TV Broadcasting	234 957	255 851	280 893	22 -106	25 42	0.9 -1.2	0.9 0.5	35 299	45 326	59 417	2.6 0.9	2
9 91	Utilities Electric utilities	454	357	324	-106	42 -33	-1.2	-1.0	299 176	212	275	1.9	
92	Gas utilities	165	128	120	-30	-33	-2.4	-1.0	66	49	63	-3.0	
93	Combined utilities	103	152	120	-37	-14	-2.3	-1.0	32	38	46	1.5	
94–497	Water and sanitation	145	214	310	69	96	4.0	3.8	24	29	34	1.8	1
0,51	Wholesale trade	6,173	7,024	7,800	851	776	1.3	1.1	608	920	1,410	4.2	4
-59	Retail trade		23,307	26,400		3,093	1.7	1.3	897	1,222	1,628	3.1	2
2–57,59	Retail trade excluding		20,001		0,100	0,000				.,	.,020		
,	eating and drinking places	13,092	15,194	16,800	2,102	1,606	1.5	1.0	652	926	1,237	3.6	2
8 0–67	Eating and drinking places Finance, Insurance,	6,509	8,114	9,600	1,605	1,486	2.2	1.7	245	298	393	2.0	2
0	and Real Estate	6,709	7,560	8,247	851	687	1.2	0.9	1,198	1,806	2,429	4.2	3
0 1,67	Depository institutions Nondepository; holding and	2,251	2,029	1,999	-221	-31	-1.0	2	266	446	596	5.3	2
2	investment offices Security and commodity	593	932	1,075	339	143	4.6	1.4	70	122	152	5.8	
0	brokers	424	748	900	324	152	5.8	1.9	57	292	540	17.7	6
3	Insurance carriers	1,462	1,589	1,632	127	43	0.8	0.3	211	228	259	0.8	1
4	Insurance agents, brokers, and service	663	757	865	93	109	1.3	1.3	68	81	103	1.8	2
5	Real estate	1,315	1,504	1,776	189	272	1.3	1.3	535	653	822	2.0	
	Royalties	1,515	1,504	1,770	103				55	96	191	5.8	7
•	Owner-occupied dwellings	-	-	_	_	_	—	_	493	631	943	2.5	4
0–87,89	Services	27,291	,	52,233	,		3.7	2.9	2,057	3,032	4,378	4.0	3
01	Hotels	1,578	1,845	2,100	267	255	1.6	1.3	85	108	136	2.5	2
02–704	Other lodging places	53	67	67	14	0	2.3	0.	5	7	10	2.8	
2 21,725	Personal services Laundry, cleaning,	1,104	1,251	1,354	147	103	1.3	.8	76	101	147	2.9	3
21,725	and shoe repair	433	451	470	18	19	0.4	.4	22	25	28	1.6	0
22,729	Personal services, n.e.c.	200	266	287	66	21	2.9	.4	22	40	64	4.6	
23,724	Beauty and barber shops	389	433	490	44	57	1.1	1.2	20	26	40	2.6	
26	Funeral service and crematories	83	101	107	18	6	2.0	.6	9	10	14	1.0	
3	Business services	5,139	9,858	14,923		5,064	6.7	4.2	342	713	1,278	7.6	6
31	Advertising	235	302	400	68	98	2.6	2.9	27	47	67	5.8	3
34 35	Services to buildings Miscellaneous equipment rental	807	994	1,120	188	126	2.1	1.2	31	50	71	5.0	3
	and leasing	208	279	397	71	118	3.0	3.6	28	39	60	3.2	4
36 37	Personnel supply services Computer and data processing	1,535	3,887	5,800	2,353	1,913	9.7	4.1	38	101	167	10.2	5
	services	772	2,095	3,900	1,323	1,805	10.5	6.4	99	278	601	10.8	8
32,733,738 5	Miscellaneous business services Auto repair, services,	1,584	2,301	3,305	717	1,004	3.8	3.7	119	198	313	5.2	4
51	and garages Automotive rentals,	914	1,248	1,527	335	278	3.2	2.0	104	166	286	4.8	5
	without drivers	173	225	265	52	41	2.7	1.7	17	63	151	14.0	9

				En	nploym	ent					Output		
Standard Industrial	Industry	Thou	usands o	f jobs	Cha	nge		e annual change		ns of cha 196 dolla			e annua change
Classification		1990	2000	2010	1990- 2000	2000- 10	1990- 2000	2000- 10	1990	2000	2010	1990- 2000	2000- 10
52–754	Automobile parking, repair,												
02 701	and services	741	1,024	1,262	283	238	3.3	2.1	87	103	136	1.7	2.8
6	Miscellaneous repair shops	374	366	405	-9	39	2	1.0	44	51	62	1.5	2.1
62	Electrical repair shops	112	104	103	-8	1	7	1	15	15	14	3	2
63,764	Watch, jewelry, and furniture repair	30	29	27	0	-2	1	8	2	3	5	3.5	3.2
69	Miscellaneous repair services	233	233	275	-1	42	.0	0	26	33	43	2.3	2.8
8	Motion pictures		594	672	186	78	3.8	1.2	45	77	86	5.7	1.1
81–783	Motion pictures		426	499	152	73	4.5	1.6	40	69	77	5.6	1.1
/84	Video tape rental	134	168	173	34	5	2.3	.3	5	9	9	5.8	.6
9	Amusement and recreation				.					Ĩ			
	services	1,076	1,728	2,325	652	597	4.9	3.0	75	137	212	6.2	4.4
'92	Producers, orchestras,	,	,	,									
	and entertainers	136	181	225	45	44	2.9	2.2	18	28	35	4.6	2.3
'93	Bowling centers	91	81	70	-10	-11	-1.2	-1.5	4	3	3	-2.4	-2.0
'94	Commercial sports	101	153	180	52	28	4.2	1.7	13	15	19	1.4	1.9
91,799	Amusement and recreation												
	services, n.e.c.	748	1,314	1,850	566	536	5.8	3.5	40	91	156	8.4	5.6
80	Health Services	7,814	10,095	12,934	2,281	2,839	2.6	2.5	595	762	882	2.5	1.5
801-804	Offices of health practitioners	2,166	3,099	4,344	933	1,245	3.6	3.4	254	317	374	2.3	1.7
805	Nursing and personal care												
	facilities	1,415	1,796	2,190	381	394	2.4	2.0	55	69	85	2.4	2.1
306	Hospitals	3,549	3,990	4,500	442	510	1.2	1.2	236	292	315	2.1	0.8
807-809	Health services, n.e.c.		1,210	1,900	525	690	5.9	4.6	52	84	108	5.0	2.5
31	Legal services	908	1,010	1,350	102	340	1.1	2.9	134	143	195	.7	3.2
2	Educational services		2,325	2,852	664	527	3.4	2.1	91	113	142	2.1	2.3
3	Social services	1,734	2,903	4,128	1,169	1,225	5.3	3.6	76	103	171	3.1	5.2
32,839	Individual and miscellaneous	004	4 005	4 000	070	005	47			47			-
222	social services	634	1,005	1,300	372	295	4.7	2.6	31	47	77	4.1	5.1
33	Job training and related	248	380	500	131	120	4.3	2.8	9	9	14	.2	4.8
35	services Child day care services	391	712	1,010	321	298	6.2	2.0 3.6	20	24	40	2.0	5.2
336	Residential care	461	806	1,318	345	512	5.7	5.0	16	24	40	4.2	5.5
4	Museums, botanical, zoological	401	000	1,510	545	512	5.7	5.0	10	24	41	4.2	5.5
А	gardens	66	106	135	40	29	4.9	2.4	3	6	9	5.0	4.6
6	Membership organizations	1,945	2,475	2,734	529	259	2.4	1.0	79	96	122	2.0	2.4
87,89	Engineering, management,	1,540	2,470	2,704	020	200	2.7	1.0	15	00	122	2.0	2.4
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	and other services	2.516	3,469	4,729	953	1,260	3.3	3.1	290	434	640	4.1	3.9
371	Engineering and architectural	2,010	0,.00	.,. 20		.,_00	0.0	0	200		0.0		0.0
	services	786	1,017	1,330	231	313	2.6	2.7	103	133	211	2.6	4.7
373	Research and testing services	549	642	886	94	244	1.6	3.3	39	67	108	5.6	4.9
374	Management and public		-		_		_						
	relations	610	1,090	1,550	479	460	6.0	3.6	79	147	195	6.5	2.8
372,89	Accounting, auditing, and other												
	services	571	720	963	149	243	2.3	3.0	70	87	127	2.3	3.8
	Government	18,304	20,680	22,436	2,376	1,757	1.2	.8	1,043	1,162	1,287	1.1	1.0
	Federal Government	3,085	2,777	2,622	-308	-154	-1.0	6	389	353	360	-1.0	0.2
	Federal enterprises		975	952	-51	-23	5	2	69	85	94	2.1	0.9
	U.S. Postal Service		860	850	41	-10	0.5	1	55	65	74	1.7	1.4
	Federal electric utilities	31	27	22	-4	-5	-1.3	-2.2	6	11	10	5.8	-1.4
	Federal government enterprises,												
	n.e.c.	177	88	80	-89	-8	-6.7	9	9	10	10	.9	.5
	Federal general government	2,059	1,802	1,671	-257	-131	-1.3	8	256	200	190	-2.4	5
	Federal government capital								05	00		-	
	services	15 040	17 000	10.044	2004				65	68	78	.5	1.3
	State and local government		17,903	19,814		1,911	1.6	1.0	655	808	928	2.1	1.4
	State and local enterprises	913	869	918	_44	49	.5	.5	103	139	189	3.1	3.2
	Local government passenger	207	200	205	10	2	-	4	6			10	0.0
	transit	207 82	223 89	225 95	16	2	.7	.1	6	7	8	1.9 2.4	0.6
	State and local electric utilities . State and local government	02	09	90	7	0	.8	.7	19	24	28	2.4	1.3
		624	557	598	-67	41	-1.1	0.7	77	107	154	3.3	3.7
	enterprises, n.e.c State and local general	024	557	090	-07	41	-1.1	0.7		107	1.04	3.3	3.7
	government	14 206	17,034	18,896	0 700	1,862	1.8	1.0	552	670	738	2.0	1.0

					Employ	ment					Output		
Standard Industrial Classification	Industry	Tho	usands	of jobs	Cho	ange	Average rate of c			ns of cha 196 dolla		Average rate of c	
		1990	2000	2010	1990- 2000	2000- 10	1990- 2000	2000- 10	1990	2000	2010	1990- 2000	2000 10
	State and local government												
	hospitals State and local government	1,072	970	948	-102	-22	-1.0	2	42	45	51	0.8	1.
	education State and local general	7,771	9,472	10,548		1,076	2.0	1.1	265	303	302	1.3	0.
	government, n.e.c State and local government	5,462	6,592	7,400	1,130	808	1.9	1.2	199	227	255	1.3	1.
	capital services	-	-	_	_	—	-	_	46	96	135	7.5	3
,02,07,08,09 ,02	Agriculture ² Agricultural production	3,340 2,174	3,526 1,979	3,849 1,824	186 –196	323 –155	0.5	0.9 7	257 210	334 260	405 315	2.6 2.2	1
, 74	Agricultural services Veterinary services	1,166 143	1,548 240	2,025 336	382 97	477 96	2.9 5.3	2.7 3.4	36 8	58 16	70 20	4.8 6.7	1
'8	Landscape and horticultural services	576	808	1,093	233	285	3.5	3.1	18	27	36	4.4	2
(excl. 074 d 078)	Agricultural, forestry and												
,09	fisheries services, n.e.c Forestry, fishing, hunting,	339	403	501	63	99	1.7	2.2	10	15	14	3.9	-
	and trapping Private household wage	108	97	95	–11	-2	-1.1	2	12	15	19	2.5	
	and salary Nonagricultural self-employed	1,014	890	664	-124	-226	-1.3	-2.9	13	15	13	1.5	-
	and unpaid family ^{3,4} Secondary wage and salary jobs in agriculture (except agricultural service); forestry, fishing,	8,921	8,731	9,062	-190	331	2	.4	_	_	_	_	
	hunting, and trapping; private households ⁵	205	155	150	-50	-5	-2.8	3	_	_	_	_	
	Secondary jobs as a self- employed worker or unpaid family worker ⁶	2,084	1,652	1,582	-432	-70	-2.3	4	_	_	_	_	
	Total ^{7,8}	124,324	-						11,472	16,180	22,286	3.5	

¹ Excludes sic 074,5,8 (agricultural services) and 99 (nonclassifiable establishments). The data therefore are not exactly comparable with data published in *Employment and Earnings*.

² Excludes government wage and salary workers, and inlcudes private sector for sic 08,09 (forestry, hunting, and trapping; and private households).

³ Excludes sic 08,09 (forestry, fishing, hunting, and trapping).

⁴ Comparable estimate of output growth is not available.

⁵ Workers who hold a secondary wage and salary job in agriculture (except agricultural services); forestry, fishing, hunting, and trapping; and private households.

⁶ Wage and salary workers who hold a secondary wage and salary job as a self-employed or unpaid family worker.

⁷ Wage and salary data are from the Current Employment Statistics (payroll) survey, which counts jobs, whereas self-employed, unpaid family workers, agricultural, forestry, fishing, hunting, and trapping, and private household data are from the Current Population Survey (household survey), which counts workers.

⁸ Subcategories do not necessarily add to higher categories as a by product of chainweighting.

NOTE: Dash indicates data not available.

n.e.c. = not elsewhere classified.

Sources: Historical output data are from the Bureau of Economic Analysis, U.S. Department of Commerce.

is one of the largest sources of output growth projected for the economy. With accompanying employment gains of 313,000, rising to more than 1.9 million in 2010 from 1.6 million in 2000, this industry is also expected to be one of the economy's largest sources of employment growth. Complementing the trucking industry, the warehouse and storage industry is expected to be one of the fastest employment and output gainers—increasing by 3.8 percent to 300,000 jobs in 2010, up from 206,000 in 2000. Output for this industry is projected to grow at an aggressive 7.2 percent, and reach \$34.9 million by 2010. The effect of electronic commerce and expansion into logistical services such as computer inventory management and just-in-time shipping has been the driving force for growth in these industries. As manufacturers continue to

improve supply chain efficiencies by outsourcing their distribution needs, the trucking and warehouse industries will have more visible roles in the economy.

Due to increases in population, disposable income, and domestic and foreign business activity, the air transportation industry is projected to be another sector that stands out. Employment is expected to increase at a healthy 2.2 percent annually over the projected period, resulting in 319,000 new jobs. The projected output growth rate of 4.4 percent surpasses the 2.6-percent rate experienced during the last decade and results in a \$66.6 billion increase.

Communications. With a 6-percent projected output growth rate, the communications sector is the fastest growing sector in the economy. Spurred by deregulation and technological innovation, real output for this sector is expected to increase by \$330.9 billion between 2000 and 2010, to reach \$750.2 billion by 2010. Employment is projected to increase by 277,000 and attain 1.9 million jobs by 2010. Accounting for almost a third of this sector's employment and 80 percent of its output in 2000, the telephone and telegraph communications and communication service industry is this sector's dominant industry. Strong residential and business demand for improved wireline and wireless systems will ensure this industry's prolonged growth. Technology and competition are expected to continue working concurrently to lower prices, increase demand, and spur new innovations. This will result in this industry being the 6th largest and 10th fastest in terms of output. Real annual output growth of 6.5 percent is anticipated, resulting in an increase of \$297.1 billion over the projected period. Deregulation has accentuated this trend by allowing this industry to offer a variety of services, such as highspeed Internet access.

As the above-mentioned developments progress, the distinctions between the telephone and the cable and pay television industries will continue to blur. Specifically, industry deregulation and fiber optic technology have enabled the cable and pay television services industry, which was solely a pay television service, to expand into new telecommunication services such as high-speed Internet access, telephone communication, and digital television programming. This has resulted in the cable and pay television industry being in the top 20 in terms of output growth pace. Real annual output growth of 5.7 percent is projected, a \$25.4 billion increase over the 2000 level. Similarly, the industry's employment is projected to grow to 325,000 jobs in 2010, up from 216,000 in 2000, making the resulting 4.2-percent growth rate the fourth fastest in the economy. (See tables 4 and 5.)

Retail trade. The retail trade industry, excluding eating and drinking places, is the Nation's largest employer, with about

15.2 million jobs in 2000. Even though the projected employment annual growth rate of 1 percent represents a slowdown relative to the past decade, this industry, by adding 1.6 million new jobs and reaching 16.8 million jobs by 2010, will continue to be the dominant source of employment. Real output for retail trade, excluding eating and drinking places, is projected to grow to \$1.2 trillion in 2010 from \$926.1 billion in 2000, or at an average annual rate of 2.9 percent. The eating and drinking industry, which is expected to add about 1.5 million jobs, also plays a principal job creation role in the economy. Demographic factors such as increases in population, personal incomes, leisure time, and dual-income families will contribute to employment in this industry increasing to 9.6 million from 8.1 million during the 2000-10 projection period. Output for eating and drinking places is projected to increase at an annual average rate of 2.8 percent.

Wholesale trade. Employment in the wholesale trade industry is projected to increase by 776,000, reaching 7.8 million in 2010, up from 7.0 million in 2000. Real output is expected to expand by nearly \$489.3 billion between 2000 and 2010, to \$1.4 trillion from \$920 trillion. Due in part to its relative size, this ranks the wholesale trade industry as one of the main sources of employment and output growth over the projections period. Employment's projected annual growth rate of 1.1 percent is constrained by consolidations and productivity-enhancing technology such as e-commerce.⁴ However, reflecting the 4.4-percent growth rate in output, the economy will still need the valuable supply and distribution services provided by the wholesale trade industry.

Finance, insurance, and real estate. Employment in the finance, insurance, and real estate sector is projected to increase by 687,000, up from its 2000 level of 7.6 million. This reflects an annual growth rate of 0.9 percent, slower than the total nonfarm wage and salary increase (1.6 percent) and caused, in part, by deregulation, industry consolidation, heightened competition, and technology-driven productivity gains. However, reflecting aggressive output gains in the security and commodity brokers industry, real estate, and depository institutions—all in the top 20 in terms of output growth—the finance, insurance, and real estate sector's projected output growth rate of 2.9 percent keeps pace with the overall economy. Real output is projected to increase to \$2.4 trillion in 2010, up from \$1.8 trillion in 2000.

Depository institutions, which include commercial banks, credit unions, and savings and loans, are projected to continue shedding jobs. Trends such as electronic home banking, the increased use of ATM machines and debit cards, and improved credit scoring software that streamlines the loan approval process will underline a projected job loss of 31,000,

Standard Industrial	Industry description	Thousan	ds of jobs	Change	Average annuc rate of change
Classification		2000	2010	2000-10	2000-10
	Fastest growing				
737	Computer and data processing services	2.094.9	3.900.0	1.805.1	6.4
336	Residential care	805.9	1,318.0	512.1	5.0
307-809	Health services, n.e.c.	1,210.2	1,900.0	689.8	4.6
184	Cable and pay television services	215.8	325.0	109.2	4.2
736	Personnel supply services	3,887.0	5,800.0	1,913.0	4.1
122	Warehousing and storage	206.3	300.0	93.7	3.8
194–497	Water and sanitation	213.9	310.3	96.4	3.8
732,733,738	Miscellaneous business services	2.300.9	3.305.0	1,004.1	3.7
735	Miscellaneous equipment rental and leasing	279.4	397.5	118.1	3.6
374	Management and public relations	1,089.7	1,550.0	460.3	3.6
335	Child day care services	711.9	1,010.0	298.1	3.6
791.799	Amusement and recreation services, n.e.c.	1.313.6	1.850.0	536.4	3.5
301–804	Offices of health practitioners	3,098.8	4,344.0	1,245.2	3.4
245		,	· ·	, ,	3.4
240 I	Wood buildings and mobile homes Veterinary services	90.8 240.0	127.0 335.9	36.2 95.9	3.4
	,				-
173,474,478	Miscellaneous transportation services	252.8	350.0	97.2 285.0	3.3
78 373	Landscape and horticultural services	808.0	109.3 886.0		3.3
373 372.89	Research and testing services	642.3 720.0	963.0	243.7 243.0	3.0
,	Accounting, auditing, and other services				
31	Legal services	1,009.6	1,350.0	340.4	2.9
	Most rapidly declining				
387	Watches, clocks, and parts	5.3	2.5	-2.8	-7.2
313,314	Footwear, except rubber and plastic	30.1	14.2	-15.9	-7.2
12	Coal mining	77.2	54.0	-23.2	-3.5
341	Metal cans and shipping containers	35.9	25.6	-10.3	-3.3
311,315–317,319	Luggage, handbags, and leather products, n.e.c	41.4	30.0	-11.4	-3.2
ю	Railroad transportation	235.5	175.0	-60.5	-2.9
8	Private households	890.0	664.4	-225.6	-2.9
231–238	Apparel	417.9	314.9	-103.0	-2.8
291	Petroleum refining	84.6	65.0	-19.6	-2.6
131,132	Crude petroleum, natural gas, and gas liquids	129.3	100.0	-29.3	-2.5
386	Photographic equipment and supplies	70.2	55.0	-15.2	-2.4
331	Blast furnaces and basic steel products	224.5	176.0	-48.5	-2.4
	Federal electric utilities	27.0	21.6	-5.4	-2.2
202	Dairy products	145.5	121.1	-24.4	-1.8
363	Household appliances	116.2	96.9	-19.3	-1.8
46	Pipelines, except natural gas	13.7	11.5	-2.2	-1.7
282	Plastics materials and synthetics	154.3	130.0	-24.3	-1.7
362	Electrical industrial apparatus	150.4	127.0	-23.4	-1.7
279	Service industries for the printing trade	47.2	40.0	-7.2	-1.6
21	Tobacco products	33.9	28.9	-5.0	-1.6

ranking it in the top 10 largest employment declines. This is contrasted by the \$150 billion output growth over the period, reaching \$596.3 billion in 2010 (the 2000 level was 446.2 million). With recent industry deregulation, the traditional boundaries between banking and other financial services continue to be obscured as banks begin to offer financial planning, brokerage, and insurance services, a trend that should help mitigate employment declines, while fostering output growth.

The security and commodity brokers industry is expected to be one of the fastest growing sources of annual output growth—6.4 percent. Baby-boomers entering the middle of their peak savings years, the growth of tax-favorable retirement plans, and the globalization of security and commodity markets will contribute to this industry, growing by \$248.7 billion to an output level of \$540.4 billion—almost double the 2000 level. Employment, adversely effected by telecommunication and computer technology that automates transactions, will create less than half as many jobs over the projected 2000– 10 period (152,000) than over the previous 10 years (324,000). This industry's projected total employment of 900,000 represents a 1.9-percent annual growth rate, compared with the 5.8percent rate experienced over the 1990–2000 historical period.

751Automotive rentals, with Toys and sporting goods737Computer and data proc737Computer and data proc738Royalties747Metal coating, engraving759Industrial machinery, n.e.767Electronic components a767Electronic components a767Electronic components a767Electronic components a768Security and communicatio769Security and communicatio760Cable and pay television761Farm and garden machin762Electrical industrial appa763Katches, clocks, and pa764Luggage, handbags, and Preserved fruits and veg765Special industries of768Oil and gas field services769Service industries for the Blast furnaces and basis761Blast furnaces and basis763Ship and boat building ar	escription	(1996)) dollars	Change	rate of change
357Computer and office equ Automotive rentals, with Toys and sporting goods Computer and data proc Warehousing and storag na.369Industrial machinery, n.e. Electronic components a Metal coating, engraving telephone communicatic Security and commodity Passenger transportation Cable and pay television Drugs Security and garden machine Electrical industrial appa Child daycare services Most rapidly367Katches, clocks, and pay Luggage, handbags, and Preserved fruits and veg Bowling centers Special industria sfeld service Service industries for the Sital 281,286 Landau373Ship and boat building ar Ship and boat building ar Ship and boat building ar		2000	2010	2000-10	2000-10
51Automotive rentals, with Toys and sporting goods Computer and data proc Warehousing and storag Royalties22Warehousing and storag Royalties35Industrial machinery, n.e Electronic components a Metal coating, engraving Security and communicatio Security and communicatio Security and communication Rame and part elevision36Felephone communication Security and communication Security and communication Ramesement and recreat Residential care37Metal coating, engraving Telephone communication Security and commodity Passenger transportation Ram and garden machine Electrical industrial appa Scores36Residential care37Amusement and recreat Residential care411,315–317,319Miscellaneous transporta86Oil and gas field services38Oil and gas field services31Blast furnaces and basis Industrial chemicals32Special industries for the Service industries for the Ship and boat building and Ship and boat building and	rowing				
751Automotive rentals, with Toys and sporting goods737Computer and data proc738Computer and data proc742Warehousing and storag Royalties759Industrial machinery, n.e767Electronic components a Metal coating, engraving Telephone communicatio Security and commodity Passenger transportation Cable and pay television751Automotive rentals, with Toys and sporting goods Computer and data proc767Electronic components a Metal coating, engraving Telephone communicatio Security and commodity Passenger transportation Cable and pay television752Farm and garden machin Electrical industrial appa Statistand Child daycare services Miscellaneous transporta763Watches, clocks, and pa Luggage, handbags, and Preserved fruits and veg Bowling centers764Oil and gas field services Special industries for the Satistand Satistand Satistand Satistand773Ship and boat building ar	upment	385.7	1,531.1	1,145.4	14.8
894Toys and sporting goods737Computer and data proc737Warehousing and storag740Royalties759Industrial machinery, n.e.759Industrial machinery, n.e.757Electronic components a758Metal coating, engraving759Telephone communicatio72Security and commodity72Passenger transportation73Cable and pay television741,799Amusement and recreat753Farm and garden machin752Farm and garden machin753Electrical industrial appa761,317,319Miscellaneous transporta762Electrical industrial appa763Cable and pay television764Drugs773Ship and boat building and773Ship and boat building and		63.2	150.8	87.7	9.1
737Computer and data proc422Warehousing and storag423Royalties459Industrial machinery, n.e.467Electronic components a477Metal coating, engraving481–2,489Telephone communicatic52Security and commodity472Passenger transportation701,799Amusement and recreat366Residential care373Child daycare services473,474,478Matches, clocks, and pa487Luggage, handbags, and473,314Footwear, except rubber388Private households383Oil and gas field services384Service industries for the385Special industry machines386Private households387Special industry machines388Oil and gas field services381Blast furnaces and basis383Special industry machines384Frivate households385Special industries for the386Sat furnaces and basis387Ship and boat building ar		16.1	36.2	20.1	8.4
422 Warehousing and storag 1.a. Royalties 359 Industrial machinery, n.e. 367 Electronic components a 347 Metal coating, engraving 181–2,489 Telephone communication 322 Security and commodity 323 Drugs 3247 Passenger transportation 325 Drugs 326 Residential care 327 Amusement and recreat 326 Farm and garden machin 325 Child daycare services 326 Farm and garden machin 326 Electrical industrial appa 325 Child daycare services 326 Electrical industrial appa 327 Miscellaneous transport 328 Druggage, handbags, and 329 Bowling centers 3213,314 Footwear, except rubber 325 Special industry machines 326 Private households 327 Special industry machines 328 Oil and gas field service 329 Service industries for the		278.2	600.8	322.6	8.0
n.a. Royalties 369 Industrial machinery, n.e. 367 Electronic components a 367 Telephone communicatic 362 Security and commodity 362 Security and commodity 363 Drugs 3647 Amusement and recreat 365 Residential care 366 Residential care 367 Electrical industrial appa 366 Residential care services 373 Miscellaneous transportation 366 Residential care 375 Vatches, clocks, and pa 376 Luggage, handbags, and 377 Preserved fruits and veg 387 Watches, clocks, and pa 387 Luggage, handbags, and 387 Preserved fruits and veg 388 Oil and gas field services 388 Oil and gas field services 381 Blast furnaces and basis 381 Blast furnaces and basis 382 Special industrial chemicals 383 Sip and boat building ar		17.5	34.9	17.4	7.2
359Industrial machinery, n.e.367Electronic components a367Metal coating, engraving3647Telephone communicatic362Security and commodity363Drugs484Cable and pay television283Drugs366Residential care362Farm and garden machin362Electrical industrial appa363Child daycare services373Watches, clocks, and pa387Watches, clocks, and pa311,315–317,319Luggage, handbags, and Preserved fruits and veg388Private households388Oil and gas field services388Private households388Private households388Special industries for the388Special industries for the389Sitel ageneral governm380Sitel ageneral governm381Blast furnaces and basi383Ship and boat building ar		96.2	191.2	95.0	7.1
367 Electronic components a Metal coating, engraving Telephone communicatic Security and commodity Passenger transportation Cable and pay television Drugs 323 Security and commodity Passenger transportation Cable and pay television Drugs 3247 Amusement and recreat Residential care 325 Farm and garden machin Electrical industrial appa Child daycare services 325 Farm and garden machin Electrical industrial appa Child daycare services 326 Watches, clocks, and pa Luggage, handbags, and Photographic equipment Preserved fruits and veg Bowling centers 328 Oil and gas field services 329 Service industries for the Blast furnaces and basi Industrial chemicals 329 Service industries for the Blast furnaces and basi 329 Service industries for the Blast furnaces and basi 329 Ship and boat building ar		36.4	71.9	35.5	7.0
347 Metal coating, engraving Telephone communication Security and commodity Passenger transportation Cable and pay television Drugs 32 Passenger transportation Cable and pay television Drugs 33 Drugs 36 Residential care 352 Farm and garden machin Electrical industrial appa Child daycare services 355 Child daycare services 367 Matches, clocks, and pay Luggage, handbags, and Photographic equipment Federal electric utilities 313,314 Footwear, except rubber Federal electric utilities 355 Oil and gas field service Bas 368 Private households 313,314 Special industry machine Service industries for the Blast furnaces and basis Industrial chemicals 373 Ship and boat building ar		386.3	759.9	373.6	7.0
481–2,489 Telephone communication 52 Security and commodity 72 Passenger transportation 744 Cable and pay television 783 Drugs 791,799 Amusement and recreat 786 Residential care 787 Farm and garden machin 782 Farm and garden machin 782 Farm and garden services 783 Child daycare services 784 Miscellaneous transporta 785 Child daycare services 787,474,478 Miscellaneous transporta 788 Watches, clocks, and pay 789 Luggage, handbags, am 781,315–317,319 Preserved fruits and veg 793 Bowling centers 793 Bowling centers 793 Oil and gas field service 794 Service industry machine 795 Special industry machine 796 Service industries for the 797 Service industries or the 798 Service industries or the 799 Service industries for the 791		386.3 16.7	32.2	373.6 15.4	6.8
52 Security and commodity 772 Passenger transportation 783 Drugs 791,799 Amusement and recreat 783 Residential care 752 Farm and garden machin 762 Electrical industrial appa 73,474,478 Miscellaneous transport 787 Watches, clocks, and pa 71,315–317,319 Luggage, handbags, and 793 Bowling centers 73 Service industries of the 79 Service industries for the 71 Blast furnaces and basi. 73 Ship and boat building ar		340.8	637.9	297.1	6.5
472 Passenger transportation 484 Cable and pay television 283 Drugs 791,799 Amusement and recreat 336 Residential care 352 Farm and garden machin 362 Electrical industrial appa 335 Child daycare services 473,474,478 Miscellaneous transporta 387 Watches, clocks, and pa 311,315–317,319 Luggage, handbags, and 386 Preserved fruits and veg 393 Bowling centers 313,314 Footwear, except rubber 355 Special industry machines 356 Special industry machines 373 Ship and boat building and		291.7	540.4	248.7	6.4
484 Cable and pay television Drugs 283 Drugs 791,799 Amusement and recreat Amusement and recreat Residential care 336 Residential care 352 Farm and garden machin Electrical industrial appa Child daycare services 335 Child daycare services 473,474,478 Miscellaneous transports 387 Watches, clocks, and pa Luggage, handbags, and Photographic equipment 383 Bowling centers 313,314 Footwear, except rubber Federal electric utilities 388 Private households 388 Private households 391 Special industry machine Service industries for the Blast furnaces and basis Industrial chemicals 381,286 Industrial chemicals 383 Ship and boat building ar		-	33.6		
283 Drugs 791,799 Amusement and recreat 336 Residential care 352 Farm and garden machin 362 Electrical industrial appa 353 Child daycare services 354 Miscellaneous transports 355 Most rapidly 387 Watches, clocks, and pa 311,315–317,319 Luggage, handbags, and 386 Photographic equipment 203 Postographic equipment 793 Bowling centers 313,314 Footwear, except rubber 355 Special industry machines 356 Private households 313 Blast furnaces and basis 314 Blast furnaces and basis 315 Struce industrial chemicals 316 Blast furnaces and basis 317 Ship and boat building ar		18.8		14.8	6.0
791,799 Amusement and recreat 836 Residential care 352 Farm and garden machin 362 Electrical industrial appa 385 Child daycare services 473,474,478 Miscellaneous transporta 387 Watches, clocks, and pa 311,315–317,319 Luggage, handbags, and 386 Preserved fruits and veg 793 Bowling centers 313,314 Footwear, except rubber Federal electric utilities 355 Special industry machine 355 Special industry machine 279 Service industries for the 311 Blast furnaces and basis 312 Industrial chemicals 313 Ship and boat building ar		34.5	59.9	25.4	5.7
836 Residential care 352 Farm and garden machin 362 Electrical industrial appa 363 Child daycare services 373 Miscellaneous transports 387 Miscellaneous transports 387 Watches, clocks, and pa 311,315–317,319 Luggage, handbags, and 386 Preserved fruits and veg 393 Bowling centers 313,314 Footwear, except rubber 355 Special industries for the 355 Special industries for the 311 Blast furnaces and basis 279 Service industries for the 311 Blast furnaces and basis 373 Ship and boat building ar		98.6	170.5	72.0	5.6
352 Farm and garden machin 362 Electrical industrial appa 363 Child daycare services 373,474,478 Miscellaneous transporta 387 Most rapidly 387 Watches, clocks, and pa 311,315–317,319 Luggage, handbags, and 386 Protographic equipment 203 Preserved fruits and veg 793 Bowling centers	,	90.8	156.4	65.6	5.6
362 Electrical industrial appa 335 Child daycare services 3473,474,478 Miscellaneous transport 387 Most rapidly 387 Luggage, handbags, and 311,315–317,319 Luggage, handbags, and 386 Photographic equipment 203 Preserved fruits and veg 793 Bowling centers 313,314 Footwear, except rubber		23.8	40.9	17.0	5.5
835 473,474,478Child daycare services Miscellaneous transports887 311,315–317,319 386 203Watches, clocks, and pa Luggage, handbags, and Photographic equipment Preserved fruits and veg Bowling centers793 313,314 138 555 88 799 355 88 791 355 88 793 355 88 793 355 88 279 313 311 313Watches, clocks, and pa Luggage, handbags, and Photographic equipment Preserved fruits and veg Bowling centers Federal electric utilities Special industry machine Service industries for the Blast furnaces and basis Industrial chemicals Federal general governm 373		23.7	39.8	16.0	5.3
473,474,478Miscellaneous transport387Most rapidly387Watches, clocks, and pa311,315–317,319Luggage, handbags, and Photographic equipment203Preserved fruits and veg793Bowling centers313,314Footwear, except rubberFederal electric utilitiesPrivate households355Special industry machine279Service industries for the331Bast furnaces and basi281,286Industrial chemicalsFederal general governm373Ship and boat building ar		30.6	51.1	20.4	5.2
Most rapidly Most		24.3	40.4	16.1	5.2
387Watches, clocks, and pa311,315–317,319Luggage, handbags, and36Photographic equipment203Preserved fruits and veg793Bowling centers313,314Footwear, except rubberFederal electric utilities.138Oil and gas field service38Private households279Service industries for the355Special industry machine279Service industries for the311Blast furnaces and basic281,286Industrial chemicalsFederal general governm373Ship and boat building and		24.0	39.7	15.7	5.2
311,315–317,319 Luggage, handbags, and Photographic equipment 203 Preserved fruits and veg 203 Bowling centers 203 Bowling centers 313,314 Footwear, except rubber Federal electric utilities .138 Oil and gas field service 38 Private households 355 Special industry machine 279 Service industries for the 311 Blast furnaces and basis 182,286 Industrial chemicals Federal general governm 373 Ship and boat building ar	declining				
386 Photographic equipment 203 Preserved fruits and veg 793 Bowling centers 313,314 Footwear, except rubber Federal electric utilities 138 Oil and gas field service 88 Private households 279 Service industries for the 331 Blast furnaces and basi 279 Service industrial chemicals 281,286 Industrial chemicals Federal general governm 373 Ship and boat building ar	parts	0.7	0.1	6	-14.7
203Preserved fruits and veg793Bowling centers313,314Footwear, except rubber113Footwear, except rubber138Oil and gas field service88Private households355Special industry machine321Blast furnaces and basis121Industrial chemicals123Federal general governm373Ship and boat building and	d leather products, n.e.c	7.7	4.0	-3.7	-6.4
793 Bowling centers 313,314 Footwear, except rubber Federal electric utilities. .138 Oil and gas field service 88 Private households 355 Special industry machine 279 Service industries for the 331 Blast furnaces and basis 1281,286 Industrial chemicals Federal general governm 373 Ship and boat building ar	t and supplies	27.2	15.3	-11.9	-5.6
313,314 Footwear, except rubber Federal electric utilities 138 Oil and gas field service 38 Private households 355 Special industry machine 279 Service industries for the 311 Blast furnaces and basis 181,286 Industrial chemicals Federal general governm 373 Ship and boat building ar	getables	56.9	45.0	-11.9	-2.3
Federal electric utilities 138 Oil and gas field service 38 Private households 355 Special industry machine 279 Service industries for the 331 Blast furnaces and basic 281,286 Industrial chemicals Federal general governm 373 Ship and boat building and	-	3.2	2.6	6	-2.0
138Oil and gas field service88Private households355Special industry machine279Service industries for the331Blast furnaces and basic281,286Industrial chemicalsFederal general governm373Ship and boat building and	er and plastic	2.5	2.2	3	-1.5
38 Private households 355 Special industry machine 357 Service industries for the 311 Blast furnaces and basic 281,286 Industrial chemicals Federal general governm 373 Ship and boat building and		10.9	9.5	-1.4	-1.4
355 Special industry machine 279 Service industries for the 331 Blast furnaces and basis 1281,286 Industrial chemicals Federal general governm 373 Ship and boat building and	es	30.7	27.7	-3.0	-1.0
279Service industries for the Blast furnaces and basic Industrial chemicals281,286Industrial chemicalsFederal general governm Ship and boat building ar		14.7	13.3	-1.4	-1.0
331 Blast furnaces and basic 281,286 Industrial chemicals Federal general governm 373 Ship and boat building and	ery	43.7	39.8	-3.9	9
281,286Industrial chemicalsFederal general governm373Ship and boat building an	e printing trade	5.2	4.8	4	9
281,286Industrial chemicalsFederal general governm373Ship and boat building an	ic steel products	78.6	73.0	-5.6	7
Federal general governm 873 Ship and boat building ar		100.4	94.0	-6.4	7
373 Ship and boat building ar	nent	200.1	189.9	-10.2	5
	ind repairing	17.6	17.0	6	4
Greeting cards		4.2	4.1	1	3
		14.7	14.4	3	2
		43.8	43.0	8	2
	nent education	302.9	301.6	-1.2	0.0
5	nding	6.4	6.6	0.2	0.3

Real estate employment is projected to rise to 1.8 million (from 1.5 million) between 2000 and 2010, slightly faster than that of the overall economy. A general population increase and the shift in its age distribution over the next 10 years will also contribute to output expanding by 2.3 percent annually, a continuation of the rate experienced over the previous decade. This industry will continue to see productivity and efficiency increases as agents use the Internet to disseminate housing, credit, and payment information, along with wireless products that can transmit data on site. *Services.* The variety of industries that make up the services industry, a subset of the service-producing sector, will collectively account for 3 out of every 5 new jobs created in the U.S. economy between 2000 and 2010. Businesses within this sector supply services to a wide variety of other businesses and to individuals. The services industry will contribute 12.9 million of the 21.8 million increase expected in nonfarm wage and salary employment through 2010. Service industry employment is expected to reach 52.2 million jobs in 2010, up from 39.3 million in 2000. This 2.9-percent increase is the highest annual growth rate of any industry division.

Business services. Employment for the business services group increased by 4.7 million over the 1990–2000 period, posting a 6.7-percent annual growth rate. The projected 2000–10 employment increase of almost 5.1 million translates into 14.9 million total jobs, and represents an annual growth rate of 4.2 percent. Despite the relative slowdown in the rate of employment growth, business services are expected to be the fastest growing industry group in the services division. Real output in the business services sector is also projected to grow strongly to \$1.3 trillion in 2010 from \$713 billion in 2000, or at a division leading average annual rate of 6.0 percent.

The economy's fastest growing industry, and the second largest in terms of employment, is computer and data processing services. Firms in this industry provide prepackaged and specialized software, data and computer systems design and management, and various computer-related consulting services. Reflecting businesses' need to integrate new technologies, capitalize on software enhancements, expand Internet usage and electronic commerce, and maintain network security, this industry is projected to gain 1.8 million jobs over the 2000–10 period, the result of 6.4-percent annual average growth. The persistent evolution of technology and businesses' constant efforts to absorb and integrate these resources in order to enhance their productivity and expand their market opportunities will be the growth catalysts in computer and data processing services. Resonating this trend, this industry is also expected to be both the fourth fastest and largest source of output growth in the economy by 2010. Output is expected to reach \$600.8 billion by 2010 (an increase by \$322.6 billion from its 2000 level), reflecting an 8.0-percent average annual growth rate.

The largest source of employment growth in the economy is projected to be the personnel supply services industry. (See table 6.) This business services industry, comprising employment agencies and temporary staffing services, is projected to add 1.9 million jobs, to 5.8 million in 2010 from 3.9 million in 2000. Staffing services will be responsible for the majority of this industry's aggressive growth, as businesses endeavor to become more responsive to changes in market demand. However, as companies also strive to reduce costs by contracting out their preliminary employment screening tasks, this sector's employment agency portion will experience growth as well.

Strong employment and output growth is projected in the miscellaneous business services industry. This industry provides a wide variety of services ranging from credit reporting and collection agencies to photocopying, graphic design, and paralegal services. Between 2000 and 2010, real output is expected to expand to \$312.8 billion from \$197.7 billion, and employment, to 3.3 million jobs from 2.3 million. The miscellaneous equipment rental and leasing industry is another business service whose employment is expected to grow faster than the overall economy. This industry engages in the rental

and leasing of equipment primarily to the medical and construction industries. The projected 3.6-percent average annual growth rate yields 118,100 new jobs by 2010.

Health services. Approximately 71.7 million people are expected to be 55 or older by 2010, 15.4 million more than that demographic cohort represented in 2000. Their projected 2.4-percent annual growth rate is more than double the annual increases for the total population aged 16 and older. The gradual aging of the population, coupled with advances in medical technologies that increase life expectancies, will create strong demand for health services. Comprised mostly of health practitioner offices, nursing and personal care facilities, and hospitals, this sector's projected 2.5-percent average annual employment growth rate will yield 2.8 million new jobs.

Reflecting the aging population, nursing and personal care facilities and health services (not elsewhere classified) are expected to be among the economy's fastest and largest sources of future employment growth. Employment in nursing and personal care facilities is projected to increase 394,000 from its 2000 level of 1.8 million. Government budget constraints, the shift toward less expensive home healthcare and assisted living, and a healthier elderly population will limit employment growth in nursing homes. Health services, not elsewhere classified, which includes home healthcare services, is expected to increase at a 4.6-percent annual rate to 1.9 million jobs in 2010, up from 1.2 million jobs in 2000. An aging population, many of whom will have functional disabilities, and the elderly's desire to maintain an independent style of living will result in this industry having the distinction of being the economy's third most rapidly growing industry in terms of employment.

Employment in private hospitals, the slowest growing health services sector, is expected to increase at an average annual rate of 1.2 percent. However, due to this industry's relatively large size, private hospitals are projected to add 510,000 jobs by 2010 and reach a total employment level of 4.5 million. The aging population, new medical technologies, and developments in diagnostic testing and screening that allow more medical ailments to be detected and treated, will continue to increase demand for hospital services. However, shifts from inpatient hospitals to outpatient facilities coupled with progressive technological improvements and industry consolidations will continue to impede long-term growth. These sources that constrain employment growth in hospitals will result in aggressive growth in health practitioner offices. These facilities provide medical, surgical, and dental services outside the traditional hospital setting and are expected to create 1.3 million new jobs-almost half of the new jobs generated by the health services sector. As the shift from inpatient hospital care to outpatient facilities continues, facilitated by medical technology enhancements and managed care cost

Standard Industrial Classification	Industry description	Thouse	ands of jobs	Change	Average annuc rate of change
		2000	2010	2000–10	2000–10
	Largest growth				
'37	Computer and data processing services	2,094.9	3,900.0	1,805.1	6.4
2-57,59	Retail trade exc. eating and drinking places	15,193.5	16,799.9	1,606.4	1.0
58	Eating and drinking places	8,113.7	9,600.0	1,486.3	1.7
01–804	Offices of health practitioners	3,098.8	4,344.0	1,245.2	3.4
	State and local government education	9,471.8	10,548.2	1,076.4	1.1
32,733,738	Miscellaneous business services	2,300.9	3,305.0	1,004.1	3.7
15,16,17	Construction	6,697.5	7,522.3	824.8	1.2
	State and local general government, n.e.c.	6,592.2	7,400.0	807.8	1.2
50,51	Wholesale trade	7,023.8	7,800.0	776.2	1.1
807-809	Health services, n.e.c.	1,210.2	1,900.0	689.8	4.6 3.5
'91,799 2	Amusement and recreation services, n.e.c.	1,313.6 2.325.1	1,850.0	536.4 526.7	2.1
36	Educational services Residential care	2,325.1 805.9	2,851.8 1,318.0	526.7	5.0
106	Hospitals	3.990.3	4.500.0	509.7	1.2
374	Management and public relations	1,089.7	1,550.0	460.3	3.6
805	Nursing and personal care facilities	1,795.9	2,190.0	394.1	2.0
31	Legal services	1,009.6	1,350.0	340.4	2.9
15	Air transportation	1,281.3	1,600.0	318.7	2.2
121,423	Trucking and courier services except air	1,649.3	1,962.4	313.1	1.8
	Largest declines .				
38	Private households	890.0	664.4	-225.6	-2.9
01,02	Agricultural production	1,978.8	1,823.9	-154.9	-0.8
	Federal general government	1,802.0	1,670.8	-131.2	-0.8
231–238	Apparel	417.9	314.9	-103.0	-2.8
10	Railroad transportation	235.5	175.0	-60.5	-2.9
331	Blast furnaces and basic steel products	224.5	176.0	-48.5	-2.4
221–224,226,228	Weaving, finishing, yarn, and thread mills	283.7	250.0	-33.7	-1.3
191	Electric utilities	356.7	324.0	-32.7	-1.0
60	Depository institutions	2,029.3	1,998.7	-30.6	2
131,132 281,286	Crude petroleum, natural gas, and gas liquids Industrial chemicals	129.3 217.7	100.0 190.0	-29.3 -27.7	-2.5 -1.4
281,286	Preserved fruits and vegetables	217.7	190.0	-27.7 -24.8	-1.4
202	Dairy products	145.5	195.0	-24.8 -24.4	-1.2
282	Plastics materials and synthetics	145.5	130.0	-24.4	-1.7
62	Electrical industrial apparatus	150.4	127.0	-23.4	-1.7
2	Coal mining	77.2	54.0	-23.2	-3.5
261–263	Pulp, paper, and paperboard mills	198.8	176.0	-22.8	-1.2
108	Beverages	187.4	165.0	-22.4	-1.3
	State and local government hospitals	970.0	948.0	-22.0	2
291	Petroleum refining	84.6	65.0	-19.6	-2.6

constraints, employment in health practitioner offices is expected increase at a 3.4-percent annual rate, to 4.3 million jobs in 2010 from 3.1 million in 2000.⁵

Social Services. Industries within the social services sector, second only to the business services sector in terms of employment and output growth, are projected to maintain their relative importance. Social services employment is projected to increase 1.2 million from its 2000 level of 2.9 million. This

reflects an annual growth rate of 3.6 percent, more than double the projected employment growth for the overall economy. Output for this sector is expected to increase to \$171.4 billion in 2010, up from \$103.4 billion in 2000—an annual average rate of 5.2 percent.

The residential care industry—encompassing homes for the elderly, emotionally disabled, and the handicapped, in addition to orphanages, halfway homes, and rehabilitation centers—is also projected to experience rapid growth. The aging population, the avoidance of costly nursing home or hospital care, and an effort to better integrate the physically and mentally disabled into society will result in the residential care industry expanding by 512,000 jobs to 1.3 million by 2010. The subsequent 5.0-percent annual employment growth rate marks this industry as the economy's second most rapidly growing industry. Output for this industry, projected to grow at 5.5 percent annually, is also expected to be among the economy's fastest.

With women's labor force participation rate rising instep with those of childbearing age, the childcare services industry has also emerged as one of the fastest sources of employment growth. Highlighting the progressive social services sector, childcare service employment increased by 6.2 percent, to 712,000 jobs in 2000, up from 391,000 jobs in 1990. As the demographic dynamics effecting this industry slow over the projected 2000–10 period, employment is expected to increase by 298,000, an average annual rate of 3.6 percent. Even though the growth rate pales in comparison to this industry's past, it is still more than double the rest of the economy.

Government. Public sector employment is expected to add almost 1.8 million jobs over the projected years, reaching 22.4 million in 2010. This represents an annual growth rate of 0.8 percent, slightly slower than the 1.2-percent increase experienced during the last decade. Federal Government employment is expected to decline from 2.8 million jobs in 2000 to 2.6 million in 2010. Due to budgetary constraints, the growing use of private contractors, and the transfer of some functions to State and local governments, the annual rate of decline is expected to slow from the 1.0 percent posted between 1990 and 2000 to 0.6 percent through 2010.

The tempering of Government employment at the Federal level is juxtaposed against the size and growth of State and local governments. State and local government employment, adding more than 1.9 million jobs and reaching 19.8 million by 2010, is expected to increase at a 1 percent average annual rate, slightly less than the 1.6-percent rate for all of nonfarm wage and salary employment. Driving this growth is the expected 1.1 million jobs from State and local government education, where more than half of all State and local government employment is found. Slower student enrollment rates at elementary and secondary schools are projected to be offset by increasing demand for post-secondary education, continued career and skills training, and new distance learning opportunities. In addition, proposed government initiatives at the early childhood level such as universal preschool, full-day kindergarten, and reduced class size will sustain this sector's strong growth.⁶ By contrast, State and local government hospitals are expected to have large employment declines, shedding 22,000 jobs by the year 2010. These hospitals, providing many safety-net services, are projected to contract due to

privatization and budget constraints that temper this often inefficient healthcare provider.

Goods-producing sector

Agriculture. Continued productivity growth, facilitated by more efficient farm machinery and equipment, is expected to be the main catalyst for increased agricultural production. Real output is projected to expand to \$315 billion in 2010, up from \$260 billion in 2000. However, total employment in agricultural production is projected to decline by 155,000, reaching 1.8 million in 2010. This trend is predominantly due to continued industry consolidation.7 At the same time, employment in agricultural services-such as veterinary services, crop, livestock, and soil preparation, as well as farm labor and management services-is expected to increase at a steady 2.7-percent rate over the projected period, generating 477,000 new jobs. Increases in the pet and farm animal population, enhanced breeding and livestock management, and continued public health and disease control concerns are expected to raise employment in agricultural services.

Mining. Historical productivity increases are expected to continue this industry sector's dichotomy between output growth and employment decline. Wage and salary jobs, declining by 2.6 percent between 1990 and 2000, are projected to decrease by an additional 55,000. The mining industry as a whole is projected to experience the largest annual decline in employment for any major division, 1.1 percent. Conversely, output is expected to continue to increase to \$229.9 billion in 2010, up from \$212.1 billion in 2000-an annual average rate of approximately 0.8 percent. The coal mining industry exemplifies this divergence between output and employment growth. As more efficient and automated production methods require fewer workers, employment is projected to decline by 3.5 percent annually, while output is expected to grow to \$32.5 billion in 2010, from \$25.7 billion in 2000. Dampening the demand for this industry's output is stringent environmental regulations that mandate the reduction in sulfur emissions from coal combustion. However, coal is America's cheapest and most abundant fossil fuel, which will result in its continued reliance.

Accounting for the majority of this sector's employment, the oil and gas field services industry will be responsible for 188,000 jobs in 2010, roughly the same amount that existed in 2000. Output for this industry is expected to decline by an annual growth rate of 1.0 percent, decreasing production by \$2.9 billion. The gas liquids industry—including the related crude petroleum, natural gas—is projected to have one of the largest employment declines in the economy, from 129,000 jobs in 2000 to 100,000 jobs in 2010. Fluctuations in global oil and gas prices, potential access to Federal lands, strict environmental regulations that require cleaner burning fuels, foreign competition, as well as new technology and extraction techniques, will significantly effect these industries.⁸

Construction. The construction industry, which is projected to add 825,000 jobs by 2010 at a 1.2-percent average growth rate, is the goods-producing sector's largest and fastest source of employment growth. Reaching an employment level of 7.5 million in 2010, the construction industry is also one of the economy's top-10 largest sources of employment growth. Real output is projected to increase by 2.6 percent a year to reach \$1.2 trillion by 2010. Even though this is slower than the growth rate for the overall economy, it represents a marginal acceleration of the 2.2-percent growth rate posted during the previous 1990–2000 period.

Nonresidential investment is projected to grow by 1.6 percent over the 2000–10 period. The current absorption of the 1980s excess industrial plant capacity, in addition to the delayed need to replace or upgrade these existing facilities, will bode well for this segment's future output growth. Therefore, industrial construction is expected to reverse its 2.2-percent rate of decline experienced over the 1990–2000 period, to attain a 1.6 percent growth rate over the projected period. The commercial buildings industry, however, is expected to slow its 2.4-percent historical growth rate to 2.1 percent. Technology enhancements will dampen demand for new commercial construction as nontraditional work and retail environments such as teleconferencing, home offices, telecommuting, and electronic shopping proliferate.

Residential construction, closely tied to demographic factors, will continue to grow at a 2.4-percent pace throughout the 2000–10 period. As baby-boomers swell the 45-to-64 age cohort, the demand for upgraded homes, second homes, and assisted living housing will increase. In addition, as their children, the echo boomers, augment the younger age groups, the demand for single-family housing and rental apartments should also increase.

Manufacturing. The overall picture for manufacturing is continued productivity-lead output growth, alongside a marginal employment increase. Steered by productivity gains and strong demand for durable goods by consumers, businesses, and exports, manufacturing output is expected to increase by \$1.7 trillion to reach \$6.3 trillion by 2010, up from its 2000 level. Rebounding from the 1990–2000 contraction of 607,000 manufacturing jobs, this sector is expected to exhibit modest growth of 0.3 percent. Manufacturing employment is projected to increase to 19.1 million jobs in 2010, up from 18.5 million in 2000. The projected employment uptick is due solely to the industries that manufacture durable goods. Their employment is expected to increase to an average annual increase of 0.6 percent over the 2000–10 projection period after virtually no change during the past 10 years. In addition, the rate of employment decline in nondurable manufacturing is expected to be significantly slower over the projected period.

Durable manufacturing. Durable manufacturing is projected to gain 642,000 jobs over the 2000–10 period and reach a level of 11.8 million workers. Attributed to strong productivity gains during the 1990–2000 period, durable goods manufacturing gained only 29,000 jobs over this period, despite a 6.5-percent annual average growth rate for output. Real output for durable manufacturing is projected to increase by \$1.4 trillion to reach \$4.1 trillion by 2010, an increase from its 2000 level. Driven by the demand for computers, electronic components, motor vehicles, and communication equipment, output in durable goods manufacturing is expected to increase at a 4-percent annual average rate, a faster rate than that of the aggregate economy.

The largest durable goods industry in 2000 was the motor vehicles and equipment industry. One million wage and salary workers, or 9 percent of total durable manufacturing employment, were attributed to this industry. Output in 2000 amounted to \$433.1 billion, or 15.5 percent of total durable manufacturing output. However, this industry's employment dominance is expected to wane as companies continue to implement productivity-enhancing technologies such as robotics, computers, and factory automation. Employment in the motor vehicles and equipment industry is projected to increase annually at less than 1 percent to reach a relatively static 1.1 million jobs. Output, facilitated by healthy productivity gains, is projected to increase by \$231.8 billion to reach \$664.9 by 2010. The resulting 4.4-percent annual growth rate represents a slowdown from the 6.3-percent rate experienced over the last decade. Output growth will be limited due to the anticipated slowdown in the growth of the driving age population, competition from foreign producers, improvements in vehicle quality that extend longevity, and safety and environmental regulations that increase production costs.

The constrained output growth of motor vehicles and equipment is contrasted against the continued strong worldwide demand of the computer and office equipment industry. Projected to be the economy's fastest and largest source of output growth, this industry is expected to be the dominant source of durable goods manufacturing output, surpassing the motor vehicles and equipment industry by 2010. Real output is projected to grow at an annual rate of 14.8 percent to \$1.5 trillion in 2010, up from \$385.7 billion in 2000. (See table 7.) However, new technology and automated manufacturing processes are expected to lead employment in this industry to marginally contract by an annual average rate of 0.3 percent.

Real output for the electronic components and accessories industry is projected to increase by \$373.6 billion and reach \$759.9 billion by 2010—the economy's third largest source of projected output growth. The market for electronic

Standard Industrial	Industry description	Billions of chained 1996 dollars	Change		ge annual If change
Classification		2000	2010	2000–2010	2000-2010
	Largest growth				
357	Computer and office equipment	385.7	1,531.1	1,145.4	14.8
50.51	Wholesale trade	920.4	1,409.6	489.3	4.4
367	Electronic components and accessories	386.3	759.9	373.6	7.0
737	Computer and data processing services	278.2	600.8	322.6	8.0
	Owner-occupied dwellings	631.2	943.4	312.2	4.1
52-57,59	Retail trade exc. eating and drinking places	926.1	1,236.6	310.6	2.9
481–2,489	Telephone communications and services	340.8	637.9	297.1	6.5
15,16,17	Construction	910.1	1,182.1	272.1	2.6
62	Security and commodity brokers	291.7	540.4	248.7	6.4
371	Motor vehicles and equipment	433.1	664.9	231.8	4.4
65	Real estate	653.0	822.4	169.4	2.3
60	Depository institutions	446.2	596.3	150.0	2.9
421,423	Trucking and courier services except air	237.3	358.6	121.3	4.2
732,733,738	Miscellaneous business services	197.7	312.7	115.0	4.7
58	Eating and drinking places	298.1	393.3	95.2	2.8
	Royalties	96.2	191.2	95.0	7.1
 751	Automotive rentals, without drivers	63.2	150.8	87.7	9.1
871	Engineering and architectural services	132.6	210.7	78.1	4.7
283	Drugs	98.6	170.5	72.0	5.6
366	Communications equipment	107.3	174.8	67.5	5.0
	Largest declines				
203	Preserved fruits and vegetables	56.9	45.0	-11.9	-2.3
386	Photographic equipment and supplies	27.2	15.3	-11.9	-5.6
	Federal general government.	200.1	189.9	-10.2	5
281,286	Industrial chemicals	100.4	94.0	-6.4	7
331	Blast furnaces and basic steel products	78.6	73.0	-5.6	7
355	Special industry machinery	43.7	39.8	-3.9	9
311,315–317,319	Luggage, handbags, and leather products, n.e.c.	7.7	4.0	-3.7	-6.4
138	Oil and gas field services	30.7	27.7	-3.0	-1.0
88	Private households	14.7	13.3	-1.4	-1.0
	Federal electric utilities	10.9	9.5	-1.4	-1.4
	State and local government education	302.9	301.6	-1.2	0.0
271	Newspapers	43.8	43.0	8	2
373	Ship and boat building and repairing	17.6	17.0	6	4
793	Bowling centers	3.2	2.6	6	-2.0
387	Watches, clocks, and parts	0.7	0.1	6	-14.7
279	Service industries for the printing trade	5.2	4.8	4	9
313,314	Footwear, except rubber and plastic	2.5	2.2	3	-1.5
762	Electrical repair shops	14.7	14.4	3	2
277	Greeting cards	4.2	4.1	1	3

components—and in particular, semiconductors, this industry's main product—will continue to be exemplary as they perform a vital function in nearly any new technology developed within the next decade. Its end products are used as components in the aggressively growing communications, computer, and semiconductor industries. The prominent role this industry plays in the economy is also highlighted by the fact that it is the second-largest employer in the durable goods manufacturer sector (behind motor vehicles and equipment). Despite the capital-intensive nature of this industry, employment is expected to continue its 1990–2000 growth rate of 1.6 percent, and add nearly 118,000 jobs over its 2000 level of 682,000. The communication equipment industry, producing a wide variety of products from cellular phones, modems, and facsimile and answering machines to radio and cable television equipment and communications satellites, is another electronic-related manufacturer that is projected to experience healthy growth. Real output of the communications equipment industry is projected to expand annually by 5.0 percent to \$174.8 billion in 2010, up from \$107.3 billion in 2000.

Nondurable manufacturing. During the 1990s, employment in the nondurable goods manufacturing sector declined by 637,000 jobs to 7.3 million. Over the next 10 years, however, nondurable manufacturing is expected to essentially maintain its 2000 level, declining annually by only 0.1 percent. Alternatively, real output rose to \$1.8 trillion in 2000 from \$1.5 trillion in 1990, and is projected to reach \$2.2 trillion in 2010. Nondurable manufacturing industries that are primarily responsible for this sector's output growth are drugs, plastic materials and synthetics, miscellaneous fabricated textile products, soaps, cleaners, toilet goods, and meat products. Employment in the drug industry is expected to increase by 75,000, totaling 390,000 jobs by 2010, while real output expands by \$71.9 billion, to \$170.5 billion. The resulting 5.6-percent annual output growth rate, one of the economy's fastest growing, is driven by a growing population demanding illness prevention products; the development of new lifestyle drugs aimed at enhancing one's self-confidence and physical appearance; and longer life expectancies of the elderly.

Real output for the plastics materials and synthetics industry is projected to increase by \$32.7 billion to reach \$101.4 billion by 2010. In 2000, this industry was responsible for 154,000 jobs. However, 2010 employment is expected to fall by 24,000, to 130,000. In addition to industry consolidations, increased automation, and outsourcing of production, the growth in plastics demand from a wide variety of manufacturing industries has contributed to both output growth and employment declines. Advanced polymers and plastics are being utilized for commodities production ranging from durable automobile body panels to prosthetic limbs. However, the fabrication of these products requires precise, computercontrolled production methods, and in turn is expected to lead to significant productivity gains.

Industries that are principally responsible for the weak employment growth in nondurable manufacturing are footwearexcept rubber and plastic—(-7.2 percent annually), luggage, handbags, and leather products (-3.2 percent annually), and apparel (-2.8 percent annually). Due to the labor-intensive nature of the apparel industry, domestic employment will continue to be vulnerable to import competition from low-wage countries. Employment growth will be further constrained as mergers and acquisitions among retail department storesthe main buyers of apparel products-forces this industry to consolidate in order to remain competitive. Apparel, therefore, is expected to lose 103,000 jobs by 2010-the economy's third largest source of declining employment. Imports are also projected to supply an increased share of footwear and luggage, handbags, and leather products. Employment in these industries is expected to be the first and fifth most rapidly declining in the economy. Combined, these two industries are projected to continue their historical employment contraction and decline to 44,000 jobs in 2010, down from nearly 72,000 jobs in 2000. Likewise, real output for the footwear and luggage, handbags, and leather products industries is expected to decline by 6.4 percent and 1.5 percent respectively, the second and sixth fastest in the economy.

INDUSTRY OUTPUT AND EMPLOYMENT PROJECTIONS are characterized by unvarying population and labor force growth, along with slowing growth in total employment and productivityled output expansion. The service-producing sector continues to be the dominant employment generator in the economy, as has been the case historically. Business services and health services are projected to remain responsible for the majority of employment growth in the service-producing sector.

Notes

These projections were completed prior to the tragic events of September 11. BLS will continue to review its projections and, as the long-term economic consequences of September 11 become clearer, will incorporate these effects in subsequent releases of the industry outlook. (See box on page 3.)

¹ This article discusses gross duplicated output in real terms. Gross duplicated output measures not only GDP, or all final demand purchases of new goods and services, but also all new goods and services produced as intermediate goods for use in further production. Real output is measured as a 1996 based chain-weighted Fisher index. The real outputs of the industry do not add to their higher level aggregates because of chain weighting. For more information on chain-weighting, see Charles Steindel, "Chain-weighting: The New Approach to Measuring GDP," *Current Issues in Economics and Finance*, Federal Reserve Board of New York, December 1995, vol. 1 no. 9.

 2 For further discussion of these factors, see the articles by Howard N. Fullerton, Jr., pp. 21–38; and Betty Su, pp. 3–20, this issue.

³ For further historical analysis, see Julie Hatch and Angie Clinton, "Job growth in the 1990s: a retrospect," *Monthly Labor Review*, December 2000, pp. 3–18.

⁴ For further discussion on the effects of electronic commerce, see Daniel E. Hecker, "Employment impact of electronic business," *Monthly Labor Review*, May 2001, pp. 3–16.

⁵ For further information on the healthcare industry, see David Ellis, *Technology and the Future of Healthcare: Preparing for the Next 30 Years* (Chicago, IL, Health Forum, Inc., 2000).

⁶ For additional information, see Debra E. Gerald and William J. Hussar, "Projections of Education Statistics to 2010." U.S. Department of Education, National Center for Education Statistics (Washington, DC, 2000).

⁷ For more information on consolidation trends effecting the agricultural industry, see James MacDonald, "Concentration and Competition in the U.S. Food and Agricultural Industries," *Agricultural Outlook*, U.S. Department of Agriculture, Economic Research Service (Washington, DC, May 1999), pp. 26–29.

⁸ For further energy related information, see "Annual Energy Outlook 2001." U.S. Department of Energy, Energy Information Administration (Washington, DC, 2000).