

National Employment Matrix, employment by industry, occupation, and percent distribution, 2006 and projected 2016.

51-5023 Printing machine operators

[Industries with fewer than 50 jobs, confidential data, or poor quality data are not displayed]

Industry	2006			2016			Percent change	Numeric change
	Number	Percent of ind	Percent of occ	Number	Percent of ind	Percent of occ		
000001 Total employment, all workers	197,594	0.13	100.00	186,337	0.11	100.00	-5.70	-11,257
000500 Total wage and salary employment	193,264	0.14	97.81	181,827	0.12	97.58	-5.92	-11,437
000520 Wage and salary employment, except agriculture, forestry, fishing, hunting, and private households	192,003	0.14	97.17	180,476	0.12	96.85	-6.00	-11,527
31-33 Manufacturing	136,861	0.96	69.26	121,507	0.96	65.21	-11.22	-15,355
311000 Food manufacturing	2,333	0.16	1.18	2,549	0.17	1.37	9.23	215
311400 Fruit and vegetable preserving and specialty food manufacturing	153	0.09	0.08	139	0.09	0.07	-9.34	-14
311500 Dairy product manufacturing	51	0.04	0.03	51	0.04	0.03	-1.08	-1
311600 Animal slaughtering and processing	1,706	0.34	0.86	1,947	0.34	1.04	14.13	241
311900 Other food manufacturing	259	0.16	0.13	271	0.17	0.15	4.85	13
313000 Textile mills	3,586	1.83	1.81	2,242	1.67	1.20	-37.47	-1,344
313300 Textile and fabric finishing and fabric coating mills	3,277	5.69	1.66	2,021	5.88	1.08	-38.33	-1,256
314000 Textile product mills	1,357	0.84	0.69	1,220	0.86	0.65	-10.06	-136
314100 Textile furnishings mills	211	0.23	0.11	191	0.24	0.10	-9.40	-20
314900 Other textile product mills	1,146	1.61	0.58	1,029	1.65	0.55	-10.18	-117
315000 Apparel manufacturing	1,720	0.72	0.87	838	0.76	0.45	-51.26	-882
315200 Cut and sew apparel manufacturing	1,266	0.68	0.64	534	0.69	0.29	-57.77	-731
316000 Leather and allied product manufacturing	103	0.27	0.05	63	0.31	0.03	-38.86	-40
321000 Wood product manufacturing	79	0.01	0.04	78	0.01	0.04	-1.45	-1
321900 Other wood product manufacturing	56	0.02	0.03	53	0.02	0.03	-5.76	-3
322000 Paper manufacturing	13,714	2.92	6.94	11,404	3.10	6.12	-16.84	-2,309
322100 Pulp, paper, and paperboard mills	715	0.53	0.36	496	0.53	0.27	-30.64	-219
322200 Converted paper product manufacturing	12,998	3.90	6.58	10,908	3.99	5.85	-16.08	-2,090
323000 Printing and related support activities	100,610	15.82	50.92	90,254	18.15	48.44	-10.29	-10,355
323100 Printing and related support activities	100,610	15.82	50.92	90,254	18.15	48.44	-10.29	-10,355
325000 Chemical manufacturing	822	0.09	0.42	800	0.09	0.43	-2.75	-23
325400 Pharmaceutical and medicine manufacturing	143	0.05	0.07	181	0.05	0.10	26.02	37
325600 Soap, cleaning compound, and toilet preparation manufacturing	452	0.40	0.23	434	0.42	0.23	-3.92	-18
326000 Plastics and rubber products manufacturing	5,546	0.70	2.81	5,848	0.77	3.14	5.45	302
326100 Plastics product manufacturing	5,460	0.86	2.76	5,788	0.89	3.11	6.00	328
326200 Rubber product manufacturing	86	0.05	0.04	61	0.05	0.03	-29.38	-25
327000 Nonmetallic mineral product manufacturing	117	0.02	0.06	105	0.02	0.06	-10.44	-12
332000 Fabricated metal product manufacturing	811	0.05	0.41	685	0.05	0.37	-15.61	-127
332400 Boiler, tank, and shipping container manufacturing	141	0.15	0.07	127	0.15	0.07	-9.89	-14
332800 Coating, engraving, heat treating, and allied activities	243	0.16	0.12	199	0.17	0.11	-18.03	-44
332900 Other fabricated metal product manufacturing	147	0.05	0.07	131	0.05	0.07	-11.40	-17
333000 Machinery manufacturing	491	0.04	0.25	428	0.04	0.23	-12.79	-63
333200 Industrial machinery manufacturing	142	0.12	0.07	117	0.12	0.06	-18.08	-26
334000 Computer and electronic product manufacturing	1,257	0.10	0.64	1,124	0.10	0.60	-10.58	-133
334400 Semiconductor and other electronic component manufacturing	460	0.10	0.23	402	0.10	0.22	-12.59	-58
334500 Navigational, measuring, electromedical, and control instruments manufacturing	174	0.04	0.09	166	0.04	0.09	-4.26	-7
334600 Manufacturing and reproducing magnetic and optical media	402	0.98	0.20	395	1.00	0.21	-1.74	-7
335000 Electrical equipment, appliance, and component manufacturing	107	0.02	0.05	87	0.02	0.05	-18.56	-20
336000 Transportation equipment manufacturing	273	0.02	0.14	230	0.01	0.12	-15.82	-43
336300 Motor vehicle parts manufacturing	213	0.03	0.11	170	0.03	0.09	-20.39	-44
337000 Furniture and related product manufacturing	295	0.05	0.15	281	0.05	0.15	-4.79	-14
337200 Office furniture (including fixtures) manufacturing	200	0.15	0.10	188	0.15	0.10	-5.97	-12
339000 Miscellaneous manufacturing	3,612	0.55	1.83	3,249	0.54	1.74	-10.05	-363
339100 Medical equipment and supplies manufacturing	328	0.11	0.17	335	0.11	0.18	2.29	8
339900 Other miscellaneous manufacturing	3,285	0.96	1.66	2,914	1.01	1.56	-11.29	-371
420000 Wholesale trade	4,052	0.07	2.05	4,387	0.07	2.35	8.25	334
423000 Merchant wholesalers, durable goods	1,039	0.03	0.53	1,164	0.03	0.62	12.09	126
423400 Professional and commercial equipment and supplies merchant wholesalers	184	0.03	0.09	214	0.03	0.12	16.57	30
423800 Machinery, equipment, and supplies merchant wholesalers	309	0.05	0.16	324	0.05	0.17	4.87	15
423900 Miscellaneous durable goods merchant wholesalers	485	0.17	0.25	556	0.18	0.30	14.80	72
424000 Merchant wholesalers, nondurable goods	2,526	0.12	1.28	2,670	0.13	1.43	5.67	143
424100 Paper and paper product merchant wholesalers	1,585	1.04	0.80	1,693	1.08	0.91	6.83	108
424300 Apparel, piece goods, and notions merchant wholesalers	713	0.48	0.36	727	0.50	0.39	1.97	14
424400 Grocery and related product wholesalers	119	0.02	0.06	130	0.02	0.07	9.35	11
424900 Miscellaneous nondurable goods merchant wholesalers	60	0.02	0.03	65	0.02	0.03	8.72	5
425000 Wholesale electronic markets and agents and brokers	487	0.06	0.25	553	0.06	0.30	13.48	66
425100 Wholesale electronic markets and agents and brokers	487	0.06	0.25	553	0.06	0.30	13.48	66
44-45 Retail trade	3,912	0.03	1.98	3,932	0.02	2.11	0.53	21
448000 Clothing and clothing accessories stores	1,214	0.08	0.61	1,272	0.08	0.68	4.81	58
448100 Clothing stores	1,203	0.11	0.61	1,263	0.11	0.68	4.97	60
451000 Sporting goods, hobby, book, and music stores	1,195	0.18	0.60	1,272	0.20	0.68	6.43	77
451100 Sporting goods, hobby, and musical instrument stores	1,179	0.26	0.60	1,259	0.26	0.68	6.78	80
451110 Sporting goods stores	1,160	0.51	0.59	1,240	0.49	0.67	6.84	79
453000 Miscellaneous store retailers	1,331	0.15	0.67	1,178	0.15	0.63	-11.49	-153
453200 Office supplies, stationery, and gift stores	1,007	0.27	0.51	831	0.28	0.45	-17.50	-176

Industry	2006			2016			Percent change	Numeric change	
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453900	Other miscellaneous store retailers	324	0.11	0.16	347	0.11	0.19	7.20	23
454000	Nonstore retailers	122	0.03	0.06	152	0.04	0.08	24.68	30
454100	Electronic shopping and mail-order houses	121	0.05	0.06	152	0.05	0.08	25.08	30
48-49	Transportation and warehousing	270	0.01	0.14	340	0.01	0.18	25.76	70
510000	Information	21,230	0.69	10.74	19,468	0.60	10.45	-8.30	-1,762
511000	Publishing industries (except Internet)	20,402	2.26	10.33	18,397	1.97	9.87	-9.83	-2,006
511100	Newspaper, periodical, book, and directory publishers	20,396	3.09	10.32	18,389	3.01	9.87	-9.84	-2,007
511110	Newspaper publishers	14,990	4.15	7.59	12,841	4.15	6.89	-14.33	-2,148
512000	Motion picture, video, and sound recording industries	104	0.03	0.05	116	0.03	0.06	11.30	12
512100	Motion picture and video industries	79	0.02	0.04	94	0.02	0.05	18.43	15
516890	Internet and other information services	724	0.15	0.37	955	0.18	0.51	31.99	232
520000	Finance and insurance	773	0.01	0.39	843	0.01	0.45	9.12	71
524000	Insurance carriers and related activities	609	0.03	0.31	635	0.03	0.34	4.15	25
524120	Direct insurance (except life, health, and medical) carriers	85	0.01	0.04	89	0.01	0.05	4.53	4
540000	Professional, scientific, and technical services	10,925	0.15	5.53	13,290	0.14	7.13	21.65	2,365
541000	Professional, scientific, and technical services	10,925	0.15	5.53	13,290	0.14	7.13	21.65	2,365
541400	Specialized design services	3,793	2.79	1.92	5,076	2.83	2.72	33.81	1,282
541500	Computer systems design and related services	232	0.02	0.12	313	0.02	0.17	35.01	81
541600	Management, scientific, and technical consulting services	154	0.02	0.08	274	0.02	0.15	78.53	121
541700	Scientific research and development services	87	0.01	0.04	93	0.01	0.05	6.49	6
541800	Advertising and related services	6,387	1.39	3.23	7,207	1.39	3.87	12.83	819
541900	Other professional, scientific, and technical services	196	0.04	0.10	235	0.04	0.13	19.94	39
550000	Management of companies and enterprises	1,036	0.06	0.52	1,195	0.06	0.64	15.28	158
551000	Management of companies and enterprises	1,036	0.06	0.52	1,195	0.06	0.64	15.28	158
551100	Management of companies and enterprises	1,036	0.06	0.52	1,195	0.06	0.64	15.28	158
560000	Administrative and support and waste management and remediation services	5,607	0.07	2.84	7,587	0.08	4.07	35.32	1,980
561000	Administrative and support services	5,607	0.07	2.84	7,587	0.08	4.07	35.32	1,980
561300	Employment services	2,783	0.08	1.41	3,522	0.08	1.89	26.56	739
561400	Business support services	2,014	0.25	1.02	2,973	0.31	1.60	47.67	960
610000	Educational services, public and private	3,257	0.02	1.65	3,583	0.02	1.92	10.00	326
611000	Educational services, public and private	3,257	0.02	1.65	3,583	0.02	1.92	10.00	326
611100	Elementary and secondary schools, public and private	1,071	0.01	0.54	1,129	0.01	0.61	5.38	58
	Junior colleges, colleges, universities, and professional schools, public and private	2,137	0.05	1.08	2,386	0.05	1.28	11.63	249
6112-3	Junior colleges, public and private	377	0.05	0.19	416	0.05	0.22	10.50	40
	Colleges, universities, and professional schools, public and private	1,761	0.05	0.89	1,970	0.05	1.06	11.87	209
620000	Health care and social assistance	436	0.00	0.22	504	0.00	0.27	15.47	67
621-3	Health care	382	0.00	0.19	427	0.00	0.23	11.77	45
622000	Hospitals, public and private	329	0.01	0.17	364	0.01	0.20	10.70	35
622100	General medical and surgical hospitals, public and private	269	0.01	0.14	297	0.01	0.16	10.71	29
624000	Social assistance	54	0.00	0.03	77	0.00	0.04	41.67	23
	Individual, family, community, and vocational rehabilitation services	54	0.00	0.03	77	0.00	0.04	41.67	23
710000	Arts, entertainment, and recreation	88	0.00	0.04	127	0.01	0.07	43.84	39
810000	Other services (except government and private households)	741	0.01	0.38	876	0.01	0.47	18.12	134
812000	Personal and laundry services	64	0.00	0.03	82	0.01	0.04	28.84	18
812900	Other personal services	58	0.03	0.03	77	0.03	0.04	31.63	18
	Religious, grantmaking, civic, professional, and similar organizations	664	0.02	0.34	780	0.02	0.42	17.39	115
813000	Religious organizations	385	0.02	0.19	462	0.02	0.25	20.01	77
8134-9	Civic, social, professional, and similar organizations	232	0.03	0.12	263	0.03	0.14	13.28	31
813400	Civic and social organizations	86	0.02	0.04	95	0.02	0.05	10.53	9
	Business, professional, labor, political, and similar organizations	146	0.03	0.07	168	0.03	0.09	14.90	22
990000	Government	2,755	0.03	1.39	2,778	0.02	1.49	0.83	23
910000	Federal government	911	0.03	0.46	863	0.03	0.46	-5.35	-49
919999	Federal government, excluding postal service	897	0.05	0.45	848	0.05	0.45	-5.47	-49
940000	State and local government	1,844	0.02	0.93	1,916	0.02	1.03	3.89	72
	State and local government, excluding education and hospitals	1,844	0.02	0.93	1,916	0.02	1.03	3.89	72
920000	State government	1,096	0.05	0.55	1,076	0.04	0.58	-1.87	-21
929200	State government, excluding education and hospitals	1,096	0.05	0.55	1,076	0.04	0.58	-1.87	-21
930000	Local government	748	0.01	0.38	840	0.01	0.45	12.34	92
939300	Local government, excluding education and hospitals	748	0.01	0.38	840	0.01	0.45	12.34	92
	Wage and salary employment in agriculture, forestry, fishing, hunting, and private households	1,261	0.06	0.64	1,351	0.07	0.73	7.12	90
000530	Wage and salary employment in agriculture, forestry, fishing, hunting, and private households	1,261	0.06	0.64	1,351	0.07	0.73	7.12	90
006700	Self-employed and unpaid family workers, all jobs	4,330	0.04	2.19	4,510	0.03	2.42	4.17	181
006701	Total self-employed and unpaid family workers, primary job	2,864	0.03	1.45	3,052	0.03	1.64	6.54	187
006702	Total self-employed and unpaid family workers, secondary job	1,465	0.09	0.74	1,459	0.09	0.78	-0.45	-7
000600	Self-employed workers, all jobs	4,330	0.04	2.19	4,510	0.04	2.42	4.17	181
000601	Self-employed workers, primary job	2,864	0.03	1.45	3,052	0.03	1.64	6.54	187
000602	Self-employed workers, secondary job	1,465	0.09	0.74	1,459	0.09	0.78	-0.45	-7