

Table A–9. States — Manufacturing and Water Use

State	Manufacturing, 1997								Water use per day. ³ 1995						
	Establishments		All employees		Production workers		Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)	Withdrawals					Consumptive use (mil. gal.)	
	Total	Percent with 20 or more employees	Number ¹	Annual payroll (mil. dol.)	Number ²	Wages (mil. dol.)			Total (mil. gal.)	Percent ground water	By selected major use— (mil. gal.)				
											Irrigation	Public supply	Industrial		
UNITED STATES	363 753	33.1	16 888 016	572 101.1	12 124 001	339 723.0	1 826 590.0	3 842 061.4	398 514	19.4	133 626	39 779	22 367	101 052	
Alabama	5 444	38.4	352 618	10 187.8	275 637	6 928.4	29 221.5	67 970.1	7 097	6.3	139	813	733	532	
Alaska	488	20.9	10 770	331.2	8 805	238.2	1 159.3	3 305.0	329	40.3	1	81	57	35	
Arizona	4 917	27.9	193 616	6 753.6	121 994	3 000.1	26 898.9	43 030.3	6 830	41.7	5 672	807	39	3 843	
Arkansas	3 316	37.6	230 153	5 778.4	187 493	4 192.7	19 346.8	45 186.0	8 767	62.2	5 936	381	187	4 761	
California	49 418	30.9	1 809 667	65 762.8	1 181 865	31 140.0	195 872.8	379 612.4	45 937	31.9	28 894	5 622	575	25 558	
Colorado	5 480	23.1	173 069	6 176.8	115 308	3 177.7	20 673.0	40 012.8	13 840	16.4	12 735	705	123	5 235	
Connecticut	5 844	33.0	252 330	10 452.1	153 045	4 895.3	27 295.2	46 938.2	4 453	3.7	28	393	10	171	
Delaware	675	34.4	41 084	1 474.3	28 959	899.8	5 389.5	13 397.3	1 495	7.4	48	89	64	74	
District of Columbia	200	17.5	2 858	101.1	1 926	60.9	170.8	320.2	10	4.9	—	—	1	15	
Florida	15 992	22.7	433 149	13 185.1	291 452	6 826.0	40 213.4	77 477.5	18 183	23.9	3 469	2 065	353	2 782	
Georgia	9 083	36.3	533 830	15 534.1	410 713	10 173.4	55 550.1	124 526.8	5 818	20.5	722	1 153	664	1 173	
Hawaii	921	17.3	15 109	405.0	9 899	231.6	1 262.4	3 192.5	1 934	27.5	652	214	20	551	
Idaho	1 647	25.4	66 184	2 099.8	50 362	1 277.2	6 393.1	16 952.9	15 141	18.7	13 048	189	47	4 342	
Illinois	17 953	36.6	887 350	31 837.9	629 423	18 713.8	95 287.3	200 020.0	19 922	4.8	180	1 823	452	882	
Indiana	9 303	42.4	625 692	22 121.4	478 248	14 956.5	67 210.9	142 270.7	9 139	7.8	116	669	2 275	505	
Iowa	3 749	37.7	235 880	7 573.3	175 933	4 936.1	28 673.3	62 413.7	3 035	17.4	39	373	258	290	
Kansas	3 309	34.8	193 742	6 532.5	141 169	4 052.5	17 650.6	46 296.4	5 235	67.1	3 383	370	53	3 620	
Kentucky	4 218	40.6	288 405	9 198.1	223 868	6 251.6	38 337.6	86 636.1	4 420	5.1	12	496	347	318	
Louisiana	3 545	33.0	165 777	6 054.5	123 566	3 967.7	29 066.9	80 424.0	9 848	13.7	769	638	2 582	1 925	
Maine	1 812	28.3	82 288	2 591.1	62 647	1 746.0	6 530.6	14 097.6	326	24.6	27	100	11	50	
Maryland	3 996	30.4	163 992	5 840.5	109 564	3 249.2	18 721.6	36 505.9	7 729	3.2	62	834	326	229	
Massachusetts	9 554	34.7	417 135	16 379.0	257 050	7 734.8	44 337.8	77 876.6	5 511	6.4	82	725	85	186	
Michigan	16 045	35.9	833 429	34 418.9	630 390	23 486.0	93 809.5	214 900.7	12 064	7.1	227	1 300	1 854	668	
Minnesota	8 091	33.7	382 530	13 126.1	260 158	7 250.1	36 629.9	76 244.9	3 392	21.0	157	485	140	417	
Mississippi	3 008	42.6	227 800	5 599.4	182 630	3 905.8	17 088.5	39 658.3	3 200	80.8	1 742	344	290	1 572	
Missouri	7 497	33.3	371 448	11 647.1	270 297	7 197.3	43 186.1	93 115.5	7 029	12.7	567	699	39	692	
Montana	1 160	15.4	19 611	560.1	14 988	394.0	1 732.2	4 866.3	8 860	2.5	8 546	143	60	1 957	
Nebraska	1 960	31.2	106 690	3 040.5	84 085	2 132.7	10 822.7	27 859.2	10 548	58.8	7 550	286	30	7 021	
Nevada	1 615	25.3	37 849	1 178.0	26 247	6 772.2	3 298.1	6 361.8	2 301	39.0	1 644	468	15	1 364	
New Hampshire	2 328	32.5	98 934	3 361.4	68 942	1 935.5	11 320.1	19 813.1	1 323	6.2	6	98	43	35	
New Jersey	11 812	32.4	409 788	15 430.2	275 840	8 152.1	50 101.7	97 060.8	6 113	9.5	125	1 037	396	257	
New Mexico	1 593	18.4	39 664	1 135.8	29 334	721.4	13 440.2	17 906.1	3 505	48.6	2 993	311	8	1 980	
New York	23 908	28.0	785 891	26 515.8	538 186	14 695.8	76 999.8	146 720.2	16 782	6.0	30	3 000	259	603	
North Carolina	11 306	40.9	773 548	21 297.9	601 190	14 061.0	78 638.0	161 900.5	9 286	5.8	239	769	369	730	
North Dakota	704	26.7	21 956	604.8	16 364	386.9	1 802.4	5 115.9	1 122	10.9	117	73	11	181	
Ohio	17 974	38.4	984 201	35 950.5	730 170	23 561.0	112 491.4	241 902.9	10 523	8.6	27	1 420	557	791	
Oklahoma	4 087	29.1	164 060	4 963.2	122 705	3 229.5	17 233.7	37 453.2	2 040	59.7	864	567	21	716	
Oregon	5 768	29.0	213 111	7 095.3	158 506	4 545.8	25 077.2	47 666.0	7 906	13.2	6 168	504	378	3 206	
Pennsylvania	17 128	37.1	826 521	27 641.3	597 544	17 045.1	86 212.1	172 193.2	9 685	8.9	16	1 546	1 682	565	
Rhode Island	2 535	27.8	75 599	2 288.6	52 889	1 279.8	5 484.2	10 482.0	411	6.7	2	114	1	24	
South Carolina	4 450	42.1	346 142	10 369.4	267 548	6 856.0	33 657.8	70 797.0	6 203	5.2	52	543	700	321	
South Dakota	888	32.9	46 539	1 162.6	33 230	707.4	3 880.9	12 305.5	460	40.7	269	88	5	249	
Tennessee	7 407	39.2	483 823	14 351.9	375 121	9 468.8	44 355.2	98 503.1	10 076	4.3	24	777	863	233	
Texas	21 808	31.1	959 665	32 760.8	663 929	18 163.1	129 390.0	297 657.0	29 608	29.7	9 451	3 294	2 296	11 124	
Utah	2 860	30.1	119 140	3 726.1	84 129	2 218.7	11 343.5	24 014.4	4 459	17.7	3 533	497	86	2 333	
Vermont	1 226	27.7	42 533	1 459.6	29 318	758.0	4 044.6	7 803.0	565	8.8	4	47	9	24	
Virginia	5 986	34.1	370 595	11 557.8	279 682	7 412.2	43 563.0	83 814.0	8 262	4.3	30	786	583	226	
Washington	7 801	27.7	328 511	13 004.1	213 330	7 046.4	30 434.8	78 852.5	8 860	19.9	6 469	1 179	649	3 081	
West Virginia	1 505	34.4	72 813	2 460.7	55 643	1 658.9	9 311.0	18 293.3	4 619	3.2	2	176	1 316	353	
Wisconsin	9 936	39.3	562 479	18 766.4	416 254	11 952.6	54 947.1	117 383.0	7 252	10.5	169	600	441	443	
Wyoming	503	17.9	8 448	256.4	6 426	174.8	1 031.1	2 955.1	7 059	4.8	6 595	90	3	2 809	

¹ Average number of production workers plus the number of other (nonproduction) employees for the pay period including March 12. ² Average number of production workers for the pay periods including the 12th of March, May, August, and November. ³ In millions of gallons per day.

Sources: Manufacturing—U.S. Census Bureau, 1997 Economic Census — Manufacturing, generated by Statistical Compendia Branch, using American Factfinder at <http://www.census.gov/>, (June 2000) [related Internet site <http://www.census.gov/epcd/www/97EC31.HTM>]. Water Use—U.S. Geological Survey, "Water Use in the United States," individual state/county and US by state files from <http://water.usgs.gov/watuse/spread95.html>, (accessed: September 1999).