

Add Health Wave I Employment

Filename: w1employ

Description

This Add Health dataset contains county-level employment data attached to each Wave I respondent location. These data are derived from county-level employment information assembled by the U.S. Bureau of Labor Statistics (BLS). W1EMPLOY provides two sets of employment information: (1) county employment and unemployment counts for the years 1990 to 1995, and (2) county employment counts in six industry categories for the year 1995.

County Employment/Unemployment Counts for 1990-1995:

These data were generated from the Local Area Unemployment (LAU) Statistics program at the BLS. A file of county series data for the years 1990 to 1996 was obtained directly from the BLS, and employment and unemployment counts for each year were extracted from that file. Such counts provided the means of calculating the unemployment rates reported for the years 1990 to 1995. Summing the counts of yearly employed and unemployed created a BLS consistent estimate of the total labor force in a respondent's county for the corresponding year. The construction of the unemployment rate entailed dividing the count of unemployed by this summation.

County Employment Counts by Industry Category for 1995:

These data were generated from the Covered Employment and Wages (CEW/ES-202) program at the BLS. Data were extracted from the annual county data files, obtainable from <ftp://ftp.bls.gov/pub/special.requests/cew/1995/county/>. W1EMPLOY reports the prevalence of six general industry categories. Specifically, this file reports employment counts calculated for the following general industries: high-tech, tourism, physical activity/recreation, government, public order and safety, and local/suburban transport. The general categories were generated through the summation of employment counts for certain industry categories defined by groups of three-digit 1997 North American Industry Classification System (NAICS) codes, as specified in Table 1. Note in Table 1 that some repetition of NAICS codes exists among categories.

**Table 1:
NAICS Codes Used for 1995 Employment Counts by Industry Category**

Category	NAICS Codes
High-Tech	334 Computer and Electronic Product Manufacturing 335 Electrical Equipment, Appliance, and Component Manufacturing 443 Electronics and Appliance Stores 511 Publishing Industries 513 Broadcasting and Telecommunications 514 Information Services and Data Processing Services 541 Professional, Scientific, and Technical Services 927 Space Research and Technology
Tourism	512 Motion Picture and Sound Recording Industries 711 Performing Arts, Spectator Sports, and Related Industries 712 Museums, Historical Sites, and Similar Institutions 713 Amusement, Gambling, and Recreation Industries 721 Accommodation 722 Food Services and Drinking Places

Category	NAICS Codes
Physical Activity/Recreation	114 Fishing, Hunting and Trapping 444 Building Material and Garden Equipment and Supplies Dealers 451 Sporting Goods, Hobby, Book, and Music Stores 711 Performing Arts, Spectator Sports, and Related Industries 712 Museums, Historical Sites, and Similar Institutions 713 Amusement, Gambling, and Recreation Industries
Government	921 Executive, Legislative, and Other General Government Support 922 Justice, Public Order, and Safety Activities 923 Administration of Human Resource Programs 924 Administration of Environmental Quality Programs 925 Administration of Housing Programs, Urban Planning, and Community Development 926 Administration of Economic Programs 927 Space Research and Technology 928 National Security and International Affairs
Public Order and Safety	922 Justice, Public Order, and Safety Activities
Local & suburban transport	482 Rail Transportation 485 Transit and Ground Passenger Transportation 487 Scenic and Sightseeing Transportation 488 Support Activities for Transportation

For more information on the NAICS code structure and individual NAICS codes consult the BLS website: <http://www.bls.gov/bls/naics.htm>.

For the period 1990 to 2000, the CEW employment data were sometimes suppressed at the county and MSA level to protect the confidentiality of information reported by individual firms and organizations. This suppression resulted in undercounts in the employment data. To provide users a means of estimating the extent of loss, W1EMPLOY includes data suppression indicators constructed using year 2001 BLS data, which, unlike 1990 to 2000 data, include a suppression flag. In addition to this suppression indicator, these data contain 2001 general county-level employment counts for six general industries based on the combination of certain NAICS industry categories that parallel the 1995 data. These 2001 counts were calculated with data downloaded from <ftp://ftp.bls.gov/pub/special.requests/cew/2001/County/> and have been associated with Wave I respondent locations.

Variable Listing

Employment Data

Variable Name	Variable Label and Description
W1EMUR90	Unemployment rate in county, 1990
W1EMUR91	Unemployment rate in county, 1991
W1EMUR92	Unemployment rate in county, 1992
W1EMUR93	Unemployment rate in county, 1993
W1EMUR94	Unemployment rate in county, 1994

W1EMUR95	Unemployment rate in county, 1995
W1EMHT95	County high-tech employment, 1995
W1EMTO95	County tourism employment, 1995
W1EMRC95	County physical activity/recreational employment, 1995
W1EMGV95	County government employment, 1995
W1EMPS95	County public order/safety employment, 1995
W1EMTR95	County local/suburban transport employment, 1995

Industry Data Suppression Indicators

Variable Name	Variable Label and Description
W1EMHT01	County high-tech employment, 2001
W1EMTO01	County tourism employment, 2001
W1EMRC01	County physical activity /recreational employment, 2001
W1EMGV01	County government employment, 2001
W1EMPS01	County public order/safety employment, 2001
W1EMTR01	County local/suburban transport employment, 2001
W1EMDS01	NAICS Code 114 data suppression indicator, 2001
W1EMDS02	NAICS Code 334 data suppression indicator, 2001
W1EMDS03	NAICS Code 335 data suppression indicator, 2001
W1EMDS04	NAICS Code 443 data suppression indicator, 2001
W1EMDS05	NAICS Code 444 data suppression indicator, 2001
W1EMDS06	NAICS Code 451 data suppression indicator, 2001
W1EMDS07	NAICS Code 482 data suppression indicator, 2001
W1EMDS08	NAICS Code 485 data suppression indicator, 2001
W1EMDS09	NAICS Code 487 data suppression indicator, 2001
W1EMDS10	NAICS Code 488 data suppression indicator, 2001
W1EMDS11	NAICS Code 511 data suppression indicator, 2001
W1EMDS12	NAICS Code 512 data suppression indicator, 2001
W1EMDS13	NAICS Code 513 data suppression indicator, 2001
W1EMDS14	NAICS Code 514 data suppression indicator, 2001
W1EMDS15	NAICS Code 541 data suppression indicator, 2001
W1EMDS16	NAICS Code 711 data suppression indicator, 2001
W1EMDS17	NAICS Code 712 data suppression indicator, 2001
W1EMDS18	NAICS Code 713 data suppression indicator, 2001
W1EMDS19	NAICS Code 721 data suppression indicator, 2001
W1EMDS20	NAICS Code 722 data suppression indicator, 2001
W1EMDS21	NAICS Code 921 data suppression indicator, 2001
W1EMDS22	NAICS Code 922 data suppression indicator, 2001
W1EMDS23	NAICS Code 923 data suppression indicator, 2001
W1EMDS24	NAICS Code 924 data suppression indicator, 2001
W1EMDS25	NAICS Code 925 data suppression indicator, 2001
W1EMDS26	NAICS Code 926 data suppression indicator, 2001
W1EMDS27	NAICS Code 927 data suppression indicator, 2001
W1EMDS28	NAICS Code 928 data suppression indicator, 2001

Wave I - Employment Data

AID		Str 8	Respondent identifier NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	10316654	
1	0.0%	10316952	
1	0.0%	10506342	
1	0.0%	10570810	
1	0.0%	10606128	
20735	100.0%	10676355- 99886994	NOTE: Range of values omitted from display
1	0.0%	99886995	
1	0.0%	99886996	
1	0.0%	99886997	
1	0.0%	99886998	
1	0.0%	99886999	

W1EMUR90		Num 8	Unemployment rate in county, 1990 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
17	0.1%	.017	
154	0.7%	.02	
280	1.3%	.021	
3	0.0%	.025	
2	0.0%	.026	
20123	97.0%	.027-.124	NOTE: Range of values omitted from display
1	0.0%	.136	
2	0.0%	.14	

1	0.0%	.15	
12	0.1%	.214	
150	0.7%	.254	

W1EMUR91		Num 8	Unemployment rate in county, 1991 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
17	0.1%	.023	
280	1.3%	.025	
30	0.1%	.026	
124	0.6%	.027	
178	0.9%	.028	
19950	96.2%	.029-.146	NOTE: Range of values omitted from display
1	0.0%	.156	
2	0.0%	.16	
1	0.0%	.169	
12	0.1%	.208	
150	0.7%	.258	

W1EMUR92		Num 8	Unemployment rate in county, 1992 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
17	0.1%	.022	
280	1.3%	.027	
30	0.1%	.028	
124	0.6%	.029	
180	0.9%	.03	
19947	96.2%	.032-.148	NOTE: Range of values omitted from display
2	0.0%	.156	

2	0.0%	.158	
1	0.0%	.164	
12	0.1%	.269	
150	0.7%	.308	

W1EMUR93		Num 8	Unemployment rate in county, 1993 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
17	0.1%	.018	
124	0.6%	.022	
310	1.5%	.023	
1	0.0%	.024	
1	0.0%	.028	
20126	97.0%	.03-.155	NOTE: Range of values omitted from display
2	0.0%	.163	
1	0.0%	.166	
1	0.0%	.184	
12	0.1%	.278	
150	0.7%	.291	

W1EMUR94		Num 8	Unemployment rate in county, 1994 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
17	0.1%	.02	
2	0.0%	.022	
124	0.6%	.023	
280	1.3%	.024	
1	0.0%	.025	
19878	95.8%	.026-.142	NOTE: Range of values omitted from display

278	1.3%	.143	
2	0.0%	.153	
1	0.0%	.157	
150	0.7%	.262	
12	0.1%	.321	

W1EMUR95		Num 8	Unemployment rate in county, 1995 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
17	0.1%	.018	
124	0.6%	.022	
281	1.4%	.023	
44	0.2%	.024	
290	1.4%	.028	
19822	95.6%	.029-.133	NOTE: Range of values omitted from display
2	0.0%	.134	
1	0.0%	.155	
2	0.0%	.163	
12	0.1%	.286	
150	0.7%	.293	

W1EMHT95		Num 4	County high-tech employment, 1995 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1015	4.9%	0	
1	0.0%	1	
6	0.0%	6	
209	1.0%	11	
4	0.0%	12	

16771	80.8%	16-150335	NOTE: Range of values omitted from display
148	0.7%	152188	
258	1.2%	255381	
2	0.0%	268120	
441	2.1%	281777	
1890	9.1%	343031	

W1EMTO95		Num 4	County tourism employment, 1995 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
881	4.2%	0	
5	0.0%	8	
1	0.0%	15	
15	0.1%	41	
2	0.0%	51	
16989	81.9%	58-126258	NOTE: Range of values omitted from display
291	1.4%	132081	
228	1.1%	169375	
2	0.0%	175510	
441	2.1%	214785	
1890	9.1%	442302	

W1EMRC95		Num 4	County physical activity/recreational employment, 1995 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
512	2.5%	0	
17	0.1%	26	
6	0.0%	40	
2	0.0%	45	

3	0.0%	47	
17320	83.5%	48-26676	NOTE: Range of values omitted from display
291	1.4%	38586	
261	1.3%	42849	
2	0.0%	45976	
441	2.1%	66067	
1890	9.1%	105522	

W1EMGV95		Num 4	County government employment, 1995 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0.0%	0	
195	0.9%	1	
23	0.1%	5	
194	0.9%	6	
205	1.0%	7	
17079	82.3%	8-47448	NOTE: Range of values omitted from display
713	3.4%	55019	
441	2.1%	100721	
1	0.0%	101901	
2	0.0%	130700	
1890	9.1%	145859	

W1EMPS95		Num 4	County public order/safety employment, 1995 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4569	22.0%	0	
6	0.0%	1	
134	0.6%	2	

199	1.0%	3	
48	0.2%	4	
13457	64.9%	5-13062	NOTE: Range of values omitted from display
148	0.7%	15659	
1	0.0%	18606	
291	1.4%	22951	
1890	9.1%	59030	
2	0.0%	82614	

W1EMTR95		Num 4	County local/suburban transport employment, 1995 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4426	21.3%	0	
2	0.0%	3	
1	0.0%	14	
1	0.0%	20	
2	0.0%	25	
12976	62.6%	29-8825	NOTE: Range of values omitted from display
291	1.4%	16919	
2	0.0%	17871	
713	3.4%	18041	
441	2.1%	20977	
1890	9.1%	49319	

W1EMHT01		Num 4	County high-tech employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
155	0.7%	0	

1	0.0%	1	
1	0.0%	5	
81	0.4%	8	
4	0.0%	11	
17764	85.6%	16-193109	NOTE: Range of values omitted from display
148	0.7%	206436	
441	2.1%	295871	
258	1.2%	322322	
2	0.0%	337061	
1890	9.1%	392681	

W1EMTO01		Num 4	County tourism employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
714	3.4%	0	
1	0.0%	32	
209	1.0%	35	
15	0.1%	58	
204	1.0%	62	
16780	80.9%	67-155313	NOTE: Range of values omitted from display
261	1.3%	158527	
2	0.0%	216395	
441	2.1%	232951	
228	1.1%	237698	
1890	9.1%	457206	

W1EMRC01		Num 4	County physical activity /recreational employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

135	0.7%	0	
1	0.0%	7	
204	1.0%	13	
1	0.0%	14	
2	0.0%	15	
17517	84.4%	19-32001	NOTE: Range of values omitted from display
291	1.4%	40976	
2	0.0%	56730	
261	1.3%	59925	
441	2.1%	74685	
1890	9.1%	119468	

W1EMGV01		Num 4	County government employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	6	
3	0.0%	7	
1	0.0%	8	
5	0.0%	9	
1	0.0%	12	
17687	85.3%	14-44489	NOTE: Range of values omitted from display
713	3.4%	60710	
441	2.1%	106677	
1	0.0%	109500	
1890	9.1%	152770	
2	0.0%	161678	

W1EMPS01		Num 4	County public order/safety employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
2519	12.1%	0	
247	1.2%	1	
1	0.0%	2	
147	0.7%	3	
8	0.0%	4	
15491	74.7%	6-14492	NOTE: Range of values omitted from display
148	0.7%	17216	
291	1.4%	25413	
1	0.0%	27436	
1890	9.1%	67927	
2	0.0%	91697	

W1EMTR01		Num 4	County local/suburban transport employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3195	15.4%	0	
2	0.0%	2	
2	0.0%	6	
1	0.0%	7	
14	0.1%	8	
14194	68.4%	10-13426	NOTE: Range of values omitted from display
713	3.4%	20383	
2	0.0%	23754	
291	1.4%	27214	
441	2.1%	36392	
1890	9.1%	66913	

W1EMDS01		Num 1	NAICS Code 114 data suppression indicator, 2001
Frequency	Percent	Value	Label
15065	72.6%	0	Not Suppressed
5680	27.4%	1	Data Suppressed

W1EMDS02		Num 1	NAICS Code 334 data suppression indicator, 2001
Frequency	Percent	Value	Label
17503	84.4%	0	Not Suppressed
3242	15.6%	1	Data Suppressed

W1EMDS03		Num 1	NAICS Code 335 data suppression indicator, 2001
Frequency	Percent	Value	Label
15760	76.0%	0	Not Suppressed
4985	24.0%	1	Data Suppressed

W1EMDS04		Num 1	NAICS Code 443 data suppression indicator, 2001
Frequency	Percent	Value	Label
19665	94.8%	0	Not Suppressed
1080	5.2%	1	Data Suppressed

W1EMDS05		Num 1	NAICS Code 444 data suppression indicator, 2001
Frequency	Percent	Value	Label
20330	98.0%	0	Not Suppressed
415	2.0%	1	Data Suppressed

W1EMDS06		Num 1	NAICS Code 451 data suppression indicator, 2001
Frequency	Percent	Value	Label
18318	88.3%	0	Not Suppressed
2427	11.7%	1	Data Suppressed

W1EMDS07		Num 1	NAICS Code 482 data suppression indicator, 2001
Frequency	Percent	Value	Label
16383	79.0%	0	Not Suppressed
4362	21.0%	1	Data Suppressed

W1EMDS08		Num 1	NAICS Code 485 data suppression indicator, 2001
Frequency	Percent	Value	Label
10764	51.9%	0	Not Suppressed
9981	48.1%	1	Data Suppressed

W1EMDS09		Num 1	NAICS Code 487 data suppression indicator, 2001
Frequency	Percent	Value	Label
10763	51.9%	0	Not Suppressed
9982	48.1%	1	Data Suppressed

W1EMDS10		Num 1	NAICS Code 488 data suppression indicator, 2001
Frequency	Percent	Value	Label
8105	39.1%	0	Not Suppressed
12640	60.9%	1	Data Suppressed

W1EMDS11		Num 1	NAICS Code 511 data suppression indicator, 2001
Frequency	Percent	Value	Label
16423	79.2%	0	Not Suppressed
4322	20.8%	1	Data Suppressed

W1EMDS12		Num 1	NAICS Code 512 data suppression indicator, 2001
Frequency	Percent	Value	Label
14096	67.9%	0	Not Suppressed

6649	32.1%	1	Data Suppressed
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W1EMDS13		Num 1	NAICS Code 513 data suppression indicator, 2001
Frequency	Percent	Value	Label
20745	100.0%	0	Not Suppressed

W1EMDS14		Num 1	NAICS Code 514 data suppression indicator, 2001
Frequency	Percent	Value	Label
20745	100.0%	0	Not Suppressed

W1EMDS15		Num 1	NAICS Code 541 data suppression indicator, 2001
Frequency	Percent	Value	Label
12372	59.6%	0	Not Suppressed
8373	40.4%	1	Data Suppressed

W1EMDS16		Num 1	NAICS Code 711 data suppression indicator, 2001
Frequency	Percent	Value	Label
9854	47.5%	0	Not Suppressed
10891	52.5%	1	Data Suppressed

W1EMDS17		Num 1	NAICS Code 712 data suppression indicator, 2001
Frequency	Percent	Value	Label
8441	40.7%	0	Not Suppressed
12304	59.3%	1	Data Suppressed

W1EMDS18		Num 1	NAICS Code 713 data suppression indicator, 2001
Frequency	Percent	Value	Label
10218	49.3%	0	Not Suppressed
10527	50.7%	1	Data Suppressed

W1EMDS19		Num 1	NAICS Code 721 data suppression indicator, 2001
Frequency	Percent	Value	Label
15993	77.1%	0	Not Suppressed
4752	22.9%	1	Data Suppressed

W1EMDS20		Num 1	NAICS Code 722 data suppression indicator, 2001
Frequency	Percent	Value	Label
14426	69.5%	0	Not Suppressed
6319	30.5%	1	Data Suppressed

W1EMDS21		Num 1	NAICS Code 921 data suppression indicator, 2001
Frequency	Percent	Value	Label
11358	54.8%	0	Not Suppressed
9387	45.2%	1	Data Suppressed

W1EMDS22		Num 1	NAICS Code 922 data suppression indicator, 2001
Frequency	Percent	Value	Label
12189	58.8%	0	Not Suppressed
8556	41.2%	1	Data Suppressed

W1EMDS23		Num 1	NAICS Code 923 data suppression indicator, 2001
Frequency	Percent	Value	Label
9101	43.9%	0	Not Suppressed
11644	56.1%	1	Data Suppressed

W1EMDS24		Num 1	NAICS Code 924 data suppression indicator, 2001
Frequency	Percent	Value	Label
6534	31.5%	0	Not Suppressed
14211	68.5%	1	Data Suppressed

W1EMDS25		Num 1	NAICS Code 925 data suppression indicator, 2001
Frequency	Percent	Value	Label
6641	32.0%	0	Not Suppressed
14104	68.0%	1	Data Suppressed

W1EMDS26		Num 1	NAICS Code 926 data suppression indicator, 2001
Frequency	Percent	Value	Label
7871	37.9%	0	Not Suppressed
12874	62.1%	1	Data Suppressed

W1EMDS27		Num 1	NAICS Code 927 data suppression indicator, 2001
Frequency	Percent	Value	Label
20745	100.0%	0	Not Suppressed

W1EMDS28		Num 1	NAICS Code 928 data suppression indicator, 2001
Frequency	Percent	Value	Label
10087	48.6%	0	Not Suppressed
10658	51.4%	1	Data Suppressed