

## **Add Health Wave III Employment**

Filename: w3employ

### **Description**

This Add Health dataset contains county-level employment data attached to each Wave III respondent location. These data are derived from county-level employment information assembled by the U.S. Bureau of Labor Statistics (BLS). W3EMPLOY provides two sets of employment information: (1) county employment and unemployment counts for the year 2001, and (2) county employment counts in six industry categories for the year 2001.

#### **County Employment/Unemployment Counts for 2001:**

These data were generated from the Local Area Unemployment (LAU) Statistics program at the BLS. A file of county series data from 2001 was obtained directly from the BLS via anonymous ftp at <ftp://ftp.bls.gov/pub/special.requests/la>. Employment and unemployment counts for the year 2001 were extracted from the provided data. Such counts provided the means of calculating the unemployment rates reported for the 2001. Summing the counts of those employed and unemployed created a BLS consistent estimate of the total labor force in a respondent's county. The construction of the unemployment rate entailed dividing the count of unemployed by this summation.

#### **County Employment Counts by Industry Category for 2001:**

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/2001/County/>. W3EMPLOY 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 specific 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 2001 Employment Counts by Industry Category**

<b>Category</b>	<b>NAICS Codes</b>
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>.

The 2001 CEW employment data are sometimes suppressed at the county and MSA level to protect the confidentiality of information reported by individual firms and organizations. This suppression results in undercounts in the employment data. Accordingly, data suppression indicators were extracted from the year 2001 data and included in W3EMPLOY.

### Variable Listing

#### Employment Data

Variable Name	Variable Label and Description
W3EMUR01	Unemployment rate in county, 2001
W3EMHT01	County high-tech employment, 2001
W3EMTO01	County tourism employment, 2001
W3EMRC01	County physical activity/recreational employment, 2001
W3EMGV01	County government employment, 2001
W3EMPS01	County public order/safety employment, 2001
W3EMTR01	County local/suburban transport employment, 2001

### Industry Data Suppression Indicators

<b>Variable Name</b>	<b>Variable Label and Description</b>
W3EMDS01	NAICS Code 114 data suppression indicator, 2001
W3EMDS02	NAICS Code 334 data suppression indicator, 2001
W3EMDS03	NAICS Code 335 data suppression indicator, 2001
W3EMDS04	NAICS Code 443 data suppression indicator, 2001
W3EMDS05	NAICS Code 444 data suppression indicator, 2001
W3EMDS06	NAICS Code 451 data suppression indicator, 2001
W3EMDS07	NAICS Code 482 data suppression indicator, 2001
W3EMDS08	NAICS Code 485 data suppression indicator, 2001
W3EMDS09	NAICS Code 487 data suppression indicator, 2001
W3EMDS10	NAICS Code 488 data suppression indicator, 2001
W3EMDS11	NAICS Code 511 data suppression indicator, 2001
W3EMDS12	NAICS Code 512 data suppression indicator, 2001
W3EMDS13	NAICS Code 513 data suppression indicator, 2001
W3EMDS14	NAICS Code 514 data suppression indicator, 2001
W3EMDS15	NAICS Code 541 data suppression indicator, 2001
W3EMDS16	NAICS Code 711 data suppression indicator, 2001
W3EMDS17	NAICS Code 712 data suppression indicator, 2001
W3EMDS18	NAICS Code 713 data suppression indicator, 2001
W3EMDS19	NAICS Code 721 data suppression indicator, 2001
W3EMDS20	NAICS Code 722 data suppression indicator, 2001
W3EMDS21	NAICS Code 921 data suppression indicator, 2001
W3EMDS22	NAICS Code 922 data suppression indicator, 2001
W3EMDS23	NAICS Code 923 data suppression indicator, 2001
W3EMDS24	NAICS Code 924 data suppression indicator, 2001
W3EMDS25	NAICS Code 925 data suppression indicator, 2001
W3EMDS26	NAICS Code 926 data suppression indicator, 2001
W3EMDS27	NAICS Code 927 data suppression indicator, 2001
W3EMDS28	NAICS Code 928 data suppression indicator, 2001

### Wave III - Employment Data

<b>AID</b>		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	
15187	99.9%	11316754- 99886992	NOTE: Range of values omitted from display
1	0.0%	99886993	
1	0.0%	99886994	
1	0.0%	99886995	
1	0.0%	99886996	
1	0.0%	99886999	

<b>W3EMUR01</b>		Num 8	Unemployment rate in county, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
19	0.1%	.02	
2	0.0%	.021	
3	0.0%	.022	
14	0.1%	.024	
13	0.1%	.025	
14744	97.0%	.026-.112	NOTE: Range of values omitted from display
1	0.0%	.114	
1	0.0%	.123	

58	0.4%	.159	
34	0.2%	.165	
308	2.0%	8	Geocode Missing

<b>W3EMHT01</b>		Num 4	County high-tech employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
119	0.8%	0	
7	0.0%	1	
1	0.0%	4	
1	0.0%	5	
33	0.2%	8	
12887	84.8%	9-206436	NOTE: Range of values omitted from display
289	1.9%	295871	
130	0.9%	322322	
43	0.3%	337061	
1379	9.1%	392681	
308	2.0%	999998	Geocode Missing

<b>W3EMTO01</b>		Num 4	County tourism employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
372	2.4%	0	
5	0.0%	4	
1	0.0%	13	
1	0.0%	18	
2	0.0%	21	
12661	83.3%	22-158805	NOTE: Range of values omitted from display
43	0.3%	216395	

289	1.9%	232951	
136	0.9%	237698	
1379	9.1%	457206	
308	2.0%	999998	Geocode Missing

<b>W3EMRC01</b>		Num 4	County physical activity/recreational employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	0.5%	0	
1	0.0%	9	
2	0.0%	10	
124	0.8%	13	
1	0.0%	14	
12812	84.3%	16-56730	NOTE: Range of values omitted from display
181	1.2%	59925	
20	0.1%	63576	
289	1.9%	74685	
1379	9.1%	119468	
308	2.0%	999998	Geocode Missing

<b>W3EMGV01</b>		Num 4	County government employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0.0%	0	
2	0.0%	1	
6	0.0%	7	
2	0.0%	8	
20	0.1%	9	
13370	88.0%	10-106677	NOTE: Range of values omitted from display

44	0.3%	109500	
21	0.1%	148571	
1379	9.1%	152770	
43	0.3%	161678	
308	2.0%	999998	Geocode Missing

<b>W3EMPS01</b>		Num 4	County public order/safety employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1418	9.3%	0	
110	0.7%	1	
17	0.1%	2	
82	0.5%	3	
48	0.3%	4	
11727	77.2%	5-25413	NOTE: Range of values omitted from display
21	0.1%	25972	
44	0.3%	27436	
1379	9.1%	67927	
43	0.3%	91697	
308	2.0%	99998	Geocode Missing

<b>W3EMTR01</b>		Num 4	County local/suburban transport employment, 2001 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1842	12.1%	0	
10	0.1%	1	
5	0.0%	2	
1	0.0%	3	
1	0.0%	5	

11146	73.3%	6-20383	NOTE: Range of values omitted from display
2	0.0%	23754	
214	1.4%	27214	
289	1.9%	36392	
1379	9.1%	66913	
308	2.0%	99998	Geocode Missing

<b>W3EMDS01</b>		Num 1	NAICS Code 114 data suppression indicator, 2001
Frequency	Percent	Value	Label
10708	70.5%	0	Not Suppressed
4181	27.5%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS02</b>		Num 1	NAICS Code 334 data suppression indicator, 2001
Frequency	Percent	Value	Label
12545	82.5%	0	Not Suppressed
2344	15.4%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS03</b>		Num 1	NAICS Code 335 data suppression indicator, 2001
Frequency	Percent	Value	Label
11369	74.8%	0	Not Suppressed
3520	23.2%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS04</b>		Num 1	NAICS Code 443 data suppression indicator, 2001
Frequency	Percent	Value	Label
14142	93.1%	0	Not Suppressed
747	4.9%	1	Data Suppressed



308	2.0%	8	Geocode Missing
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<b>W3EMDS05</b>		Num 1	NAICS Code 444 data suppression indicator, 2001
Frequency	Percent	Value	Label
14674	96.6%	0	Not Suppressed
215	1.4%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>w3emds06</b>		Num 1	NAICS Code 451 data suppression indicator, 2001
Frequency	Percent	Value	Label
13430	88.4%	0	Not Suppressed
1459	9.6%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS07</b>		Num 1	NAICS Code 482 data suppression indicator, 2001
Frequency	Percent	Value	Label
11946	78.6%	0	Not Suppressed
2943	19.4%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS08</b>		Num 1	NAICS Code 485 data suppression indicator, 2001
Frequency	Percent	Value	Label
7589	49.9%	0	Not Suppressed
7300	48.0%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS09</b>		Num 1	NAICS Code 487 data suppression indicator, 2001
Frequency	Percent	Value	Label
7509	49.4%	0	Not Suppressed
7380	48.6%	1	Data Suppressed

308	2.0%	8	Geocode Missing
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<b>W3EMDS10</b>		Num 1	NAICS Code 488 data suppression indicator, 2001
Frequency	Percent	Value	Label
5866	38.6%	0	Not Suppressed
9023	59.4%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS11</b>		Num 1	NAICS Code 511 data suppression indicator, 2001
Frequency	Percent	Value	Label
12155	80.0%	0	Not Suppressed
2734	18.0%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS12</b>		Num 1	NAICS Code 512 data suppression indicator, 2001
Frequency	Percent	Value	Label
10362	68.2%	0	Not Suppressed
4527	29.8%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS13</b>		Num 1	NAICS Code 513 data suppression indicator, 2001
Frequency	Percent	Value	Label
14889	98.0%	0	Not Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS14</b>		Num 1	NAICS Code 514 data suppression indicator, 2001
Frequency	Percent	Value	Label
14889	98.0%	0	Not Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS15</b>		Num 1	NAICS Code 541 data suppression indicator, 2001
Frequency	Percent	Value	Label
8864	58.3%	0	Not Suppressed
6025	39.6%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS16</b>		Num 1	NAICS Code 711 data suppression indicator, 2001
Frequency	Percent	Value	Label
6843	45.0%	0	Not Suppressed
8046	52.9%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS17</b>		Num 1	NAICS Code 712 data suppression indicator, 2001
Frequency	Percent	Value	Label
5500	36.2%	0	Not Suppressed
9389	61.8%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS18</b>		Num 1	NAICS Code 713 data suppression indicator, 2001
Frequency	Percent	Value	Label
7456	49.1%	0	Not Suppressed
7433	48.9%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS19</b>		Num 1	NAICS Code 721 data suppression indicator, 2001
Frequency	Percent	Value	Label
11477	75.5%	0	Not Suppressed
3412	22.5%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS20</b>		Num 1	NAICS Code 722 data suppression indicator, 2001
Frequency	Percent	Value	Label
10747	70.7%	0	Not Suppressed
4142	27.3%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS21</b>		Num 1	NAICS Code 921 data suppression indicator, 2001
Frequency	Percent	Value	Label
8250	54.3%	0	Not Suppressed
6639	43.7%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS22</b>		Num 1	NAICS Code 922 data suppression indicator, 2001
Frequency	Percent	Value	Label
9089	59.8%	0	Not Suppressed
5800	38.2%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS23</b>		Num 1	NAICS Code 923 data suppression indicator, 2001
Frequency	Percent	Value	Label
6172	40.6%	0	Not Suppressed
8717	57.4%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS24</b>		Num 1	NAICS Code 924 data suppression indicator, 2001
Frequency	Percent	Value	Label
4703	30.9%	0	Not Suppressed
10186	67.0%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS25</b>		Num 1	NAICS Code 925 data suppression indicator, 2001
Frequency	Percent	Value	Label
4782	31.5%	0	Not Suppressed
10107	66.5%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS26</b>		Num 1	NAICS Code 926 data suppression indicator, 2001
Frequency	Percent	Value	Label
5859	38.6%	0	Not Suppressed
9030	59.4%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS27</b>		Num 1	NAICS Code 927 data suppression indicator, 2001
Frequency	Percent	Value	Label
14853	97.7%	0	Not Suppressed
36	0.2%	1	Data Suppressed
308	2.0%	8	Geocode Missing

<b>W3EMDS28</b>		Num 1	NAICS Code 928 data suppression indicator, 2001
Frequency	Percent	Value	Label
6848	45.1%	0	Not Suppressed
8041	52.9%	1	Data Suppressed
308	2.0%	8	Geocode Missing