

## Survey Shows More Ohioans in Poverty Contributes to Increase in State's Medicaid Caseload and Higher Demands Placed on Safety Net Providers

**Summary:** According to results from the 1998 and 2004 Ohio Family Health Surveys, Ohio's overall poverty rate increased by 5 percentage points, rising from 12.1% in 1998 to 17.1% in 2004. This means an estimated 580,021 more Ohioans lived with incomes at or below poverty in 2004. The percent of children living in poverty rose at an even faster rate, increasing by 6.8 percentage points from 14.2% in 1998 to 21% in 2004. As a result, an estimated 209,155 more Ohio children are living in families with incomes at or below poverty. Despite these increases, Ohio's uninsured rate did not increase due to expansion of health care coverage for children under the State Children's Health Insurance Program (SCHIP) and outreach efforts by Ohio's Medicaid program. The increase in poverty is likely one of the key factors for the dramatic increase in Medicaid enrollment in the state since 2000 and for the continuing strong demand and use of services for Ohio's safety net and social services programs.

### Ohio Family Health Survey

The sources of this data comparison are the 1998 and 2004 Ohio Family Health Surveys (OFHS). The 2004 OFHS was conducted by the Ohio Department of Job and Family Services (ODJFS) through ORCA Macro. The survey is one of the largest and most comprehensive state-level health and insurance surveys ever conducted in the United States, with nearly 40,000 household interviews completed. The 1998 survey was conducted by the Gallup Organization with approximately 16,000 Ohio households. For more information on the survey methodology, see the analysis and survey methodology box on page 2.

### Poverty Rate Increases

According to results from these two surveys, the overall poverty rate in Ohio increased by 5 percentage points, rising from 12.1% in 1998 to 17.1% in 2004. This increase in poverty translates into an estimated 580,021 more Ohioans living with incomes at or below 100% of poverty in 2004 (\$9,310 for a family of one and \$18,850 for a family of four) for an estimated total of 1,948,213 Ohioans.

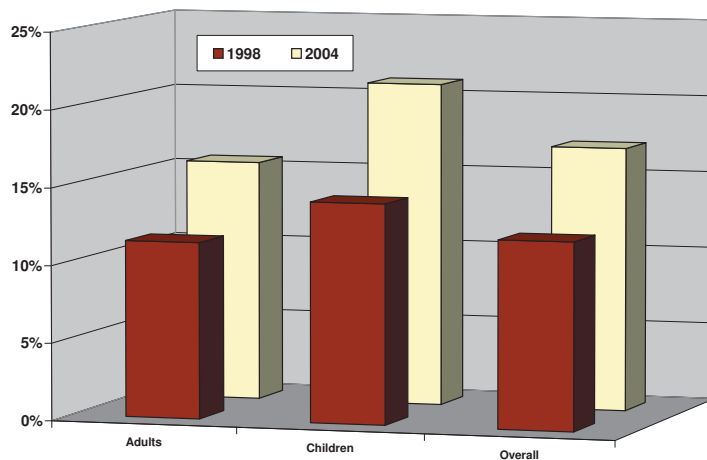
The percent of children (ages 0 to 17) living in poverty has risen at an even faster rate. It has increased by 6.8 percentage points, rising from 14.2% in 1998 to 21% in 2004. As a result, an estimated 209,155 more Ohio children are living in families with incomes at or below poverty, for an estimated total of 614,300 children.

#### Federal Poverty Level (FPL) 1998 and 2004

FPL	Family Size	1998	2004
100%	1	\$ 8,050	\$ 9,310
100%	4	16,450	18,850
200%	1	16,100	18,620
200%	4	32,900	37,700

<http://aspe.hhs.gov/poverty/98poverty.htm>  
<http://aspe.hhs.gov/poverty/04poverty.shtml>

Ohioans at 100% of Poverty or Less



Note: FPL means "Federal Poverty Level." See Federal Poverty Level chart below for more information.

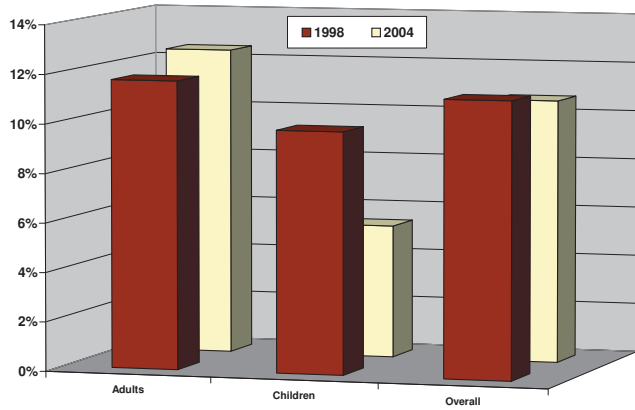
source: 1998 and 2004 Ohio Family Health Surveys.

The overall rate of Ohioans living at or below 200% of poverty grew at an even faster rate than those living at 100% of poverty, increasing by 6.7 percentage points between 1998 and 2004. In 1998, 31.7% of Ohio's families had incomes at or below 200% of poverty compared to 38.4% of Ohioans in 2004. Therefore, an estimated 871,355 more Ohioans lived in families with incomes at or below 200% of poverty in 2004 (\$18,620 for a family of one and \$37,700 for a family of four) for an estimated total of 4,438,950 Ohioans.

## Overall Uninsured Rate in Ohio Falls

Interestingly, although poverty has increased, the number of people without health insurance in Ohio did not increase in the time period between the two surveys. According to these surveys, Ohio's overall uninsured rate was 11.2% in 1998 and 10.7% in 2004.

Uninsured Rates in Ohio



source: 1998 and 2004 Ohio Family Health Surveys.

The principal reason for this decline in the overall uninsured rate was the significant decrease in Ohio's uninsured rate for children. The uninsured rate for children fell from 9.8% in 1998 to 5.4% in 2004 (for an estimated total of 157,214 children without insurance in 2004). Ohio's expansion of coverage under the State Children's Health Insurance Program (SCHIP) for uninsured children up to 200% of poverty in 2000, continued simplification of the eligibility determination process, and intensified outreach activities all helped to increase the number of children covered through Ohio's Medicaid program.

Ohio's uninsured rate for children could drop even further if more children eligible for Medicaid were actually enrolled in the program. According to the 2004 Ohio Family Health Survey, the uninsured rate for children below 200% of poverty is 9.8%. Most, if not all, of these uninsured children should qualify for Medicaid coverage.

According to the 2004 Ohio Family Health Survey, the rate of uninsured children varies appreciably between counties. For example, the overall uninsured rate for children in Ohio's major urban counties ranged from 4.0% in Cuyahoga County to 7.3% in Franklin County. The uninsured rate for children living in families at or below 200% of poverty varies similarly among these counties, ranging from 3.7% in Mahoning County to 13.7% in Franklin County.

## Uninsured Rate for Ohio Adults Increased

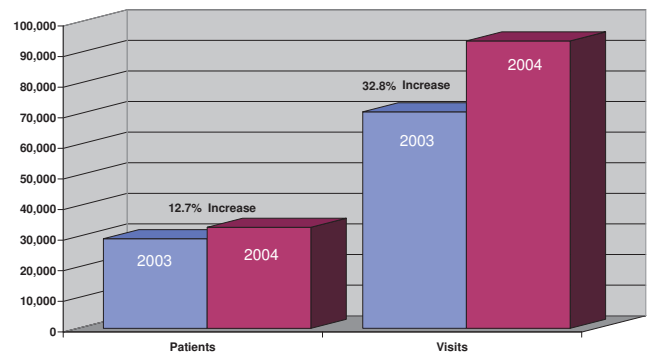
While Ohio's uninsured rate for children dropped, its uninsured rate for adults (ages 18 and over) increased from 11.7% in 1998 to 12.5% in 2004, resulting in an estimated 97,141 more uninsured adults (for an estimated total of 1,068,841 adults without insurance). This increase in the adult uninsured rate occurred in spite of Ohio expanding Medicaid coverage for parents up to 100% of poverty in 2000, which has provided health coverage to over 70,000 Ohio adults.

## Poverty Increase Contributed to Increased Use of Medicaid and Safety Net Services

The significant increase in Ohio's poverty rate helps explain in part the dramatic increase in Medicaid enrollment since 2000. According to Medicaid budget testimony submitted to the Ohio Senate by Barbara Edwards (the state's Medicaid director), Medicaid caseload experienced a net increase of 606,000 enrollees between 2000 and 2005, many of whom were adults with disabilities or chronic illnesses.

This growth in the number of people living at or near poverty also helped contribute to higher demand and use of services among Ohio's safety net health and social services programs. For example, a study from the Association of Ohio Free Health Clinics reports that free clinics experienced a 13% increase in the number of patients and a 33% increase in the number of visits between 2003 and 2004. According to the Ohio Primary Care Association, Ohio's federally qualified health centers experienced a 10% increase in total patients between 2002 and 2003, rising from 250,000 to 275,000 patients.

Free Clinic Use\* 2003-04



Source: Association of Ohio Free Clinics, Member Surveys from 2003 and 2004.

\* From a study of the surveys, limited to clinics that reported in both years. Visits included all types of services offered.

### About the Data Analysis and Survey Methodology

The 2004 Ohio Family Health Survey (OFHS) was conducted by ODJFS through ORCA Macro with nearly 40,000 household interviews completed. The survey, which is constructed with a stratified sampling design, allows statistical inferences to be made at the county level. Estimates in this brief are calculated from the 2004 OFHS sampling frame.

For the 1998 OFHS survey the Gallup Organization conducted telephone polls of approximately 16,000 Ohio households between January and August 1998. (For more on the 1998 OFHS, go to <http://www.odh.state.oh.us/Data/OFHSurv/ofhs1.htm>.)

This data brief is intended as a limited analysis of results from the 1998 and 2004 versions of the OFHS. It is not a comparison with other surveys. The other sources cited in this brief support the trends indicated. Readers with additional questions on how the OFHS surveys were conducted should refer to the estimates, sampling errors, and methodologies highlighted in the document "Employer-Based Health Coverage in Ohio," starting on page 15 of <http://jfs.ohio.gov/ohp/reports/documents/EmployerCoverage.pdf>.

### About the Health Policy Institute of Ohio

The Health Policy Institute of Ohio is an independent, nonpartisan organization that forecasts health trends, analyzes key health issues, and communicates current research to Ohio policymakers, legislators, and others. For additional copies of this publication call 614-224-4950 or visit [www.healthpolicyohio.org](http://www.healthpolicyohio.org).

# 2004 Ohio Poverty and Insured / Uninsured Rates for Children Ages 0-17

Count estimates for individual counties are based upon sampling frame estimations, not census or other sources. Sampling errors (SE) vary for each county, depending upon the number of respondents per county. Statistical significance is not assumed.

Source: 2004 Ohio Family Health Survey.

\* SE = standard error

Children County	Insured			Uninsured			100% or less FPL			200% or less FPL		
	Estimated	SE*	Total	Estimated	SE*	Total	Estimated	SE*	Total	Estimated	SE*	Total
<b>Ohio</b>	<b>94.38%</b>	<b>0.0024</b>	<b>2,754,159</b>	<b>5.37%</b>	<b>0.0023</b>	<b>157,214</b>	<b>20.97%</b>	<b>0.0045</b>	<b>610,515</b>	<b>43.82%</b>	<b>0.0053</b>	<b>1,275,764</b>
Adams	91.54%	0.0411	6,509	8.46%	0.0411	602	32.49%	0.0599	2,310	66.72%	0.0584	4,747
Allen	93.31%	0.0206	25,065	6.69%	0.0206	1,797	27.36%	0.0515	7,349	52.76%	0.0554	14,167
Ashland	95.39%	0.0345	12,751	4.61%	0.0345	616	27.55%	0.0757	3,683	59.71%	0.0720	7,983
Ashtabula	94.43%	0.0292	24,373	5.57%	0.0292	1,438	27.17%	0.0527	7,013	54.91%	0.0548	14,170
Athens	94.54%	0.0321	11,220	5.46%	0.0321	648	23.93%	0.0601	2,840	44.14%	0.0762	5,234
Auglaize	94.81%	0.0382	11,822	5.19%	0.0382	647	14.30%	0.0712	1,783	36.09%	0.0996	4,500
Belmont	.	.	n/a	.	.	n/a	22.15%	0.0570	3,140	57.14%	0.0629	8,104
Brown	94.52%	0.0149	11,072	5.07%	0.0147	594	31.73%	0.0375	3,717	60.40%	0.0360	7,078
Butler	94.43%	0.0126	80,336	5.57%	0.0126	4,739	15.77%	0.0228	13,416	30.32%	0.0272	25,667
Carroll	92.69%	0.0426	6,718	7.31%	0.0426	530	13.54%	0.0647	981	59.99%	0.0878	4,344
Champaign	91.22%	0.0529	9,053	8.78%	0.0529	871	16.49%	0.0592	1,636	39.75%	0.0835	2,381
Clark	92.42%	0.0257	31,494	7.15%	0.0254	2,437	22.55%	0.0412	7,684	45.88%	0.0484	15,631
Clermont	93.91%	0.0142	46,742	5.38%	0.0134	2,678	11.50%	0.0203	5,724	37.33%	0.0312	18,570
Clinton	90.03%	0.0525	9,587	9.97%	0.0525	1,062	12.02%	0.0498	1,280	50.45%	0.0800	5,372
Columbiana	94.83%	0.0237	24,628	5.17%	0.0237	1,343	29.47%	0.0462	7,654	60.40%	0.0469	15,627
Coshocton	96.01%	0.0272	9,048	3.99%	0.0272	376	21.84%	0.0619	2,058	58.12%	0.0644	5,501
Crawford	93.66%	0.0371	10,296	6.34%	0.0371	697	10.83%	0.0480	1,191	46.96%	0.0782	5,159
Cuyahoga	95.50%	0.0068	297,423	3.96%	0.0063	12,333	24.58%	0.0146	76,551	43.98%	0.0163	135,320
Darke	93.02%	0.0260	12,493	6.98%	0.0260	937	6.88%	0.0273	924	35.31%	0.0525	4,743
Defiance	97.47%	0.0124	9,841	2.53%	0.0124	255	12.21%	0.0415	1,233	33.52%	0.0600	3,385
Delaware	96.80%	0.0146	33,999	3.20%	0.0146	1,124	10.07%	0.0266	3,537	20.44%	0.0405	7,653
Erie	96.13%	0.0171	17,740	3.87%	0.0171	714	18.69%	0.0383	3,449	47.01%	0.0517	8,666
Fairfield	92.73%	0.0290	31,604	7.27%	0.0290	2,478	10.51%	0.0382	3,582	29.84%	0.0540	10,173
Fayette	92.09%	0.0475	6,340	5.37%	0.0412	370	24.38%	0.0737	1,679	51.49%	0.0840	3,545
Franklin	92.51%	0.0095	245,504	7.28%	0.0095	19,320	22.23%	0.0157	58,994	42.03%	0.0181	111,699
Fulton	98.07%	0.0125	11,293	1.93%	0.0125	222	8.63%	0.0277	994	37.52%	0.0569	4,324
Gallia	93.57%	0.0358	7,075	6.43%	0.0358	486	27.18%	0.0738	2,055	60.61%	0.0789	4,456
Geauga	96.98%	0.0217	24,742	1.37%	0.0138	350	9.81%	0.0474	2,503	29.65%	0.0721	7,651
Greene	93.06%	0.0271	33,254	6.59%	0.0269	2,355	17.61%	0.0426	6,293	28.92%	0.0506	10,324
Guernsey	96.89%	0.0309	10,001	3.11%	0.0309	321	18.78%	0.0657	1,938	66.15%	0.0751	6,832
Hamilton	93.93%	0.0108	186,211	5.63%	0.0103	11,161	24.75%	0.0215	49,065	43.41%	0.0238	85,859
Hancock	97.41%	0.0143	17,580	2.59%	0.0143	467	7.43%	0.0315	1,341	34.58%	0.0550	6,134
Hardin	95.47%	0.0327	7,098	4.53%	0.0327	337	18.56%	0.0824	1,380	53.62%	0.1094	3,987
Harrison	94.81%	0.0331	3,310	5.19%	0.0331	181	33.15%	0.1283	1,157	67.33%	0.1069	2,347
Henry	98.03%	0.0196	7,590	1.97%	0.0196	153	11.13%	0.0413	862	38.96%	0.0633	3,017
Highland	88.33%	0.0304	9,616	11.16%	0.0301	1,215	22.51%	0.0363	2,450	56.66%	0.0384	6,165
Hocking	79.33%	0.0717	5,593	20.67%	0.0717	1,457	24.74%	0.0828	1,744	46.76%	0.0885	3,292
Holmes	90.28%	0.0210	12,725	9.72%	0.0210	1,370	12.29%	0.0262	1,732	48.80%	0.0376	6,870
Huron	98.69%	0.0066	16,079	0.83%	0.0045	135	9.92%	0.0352	1,616	39.96%	0.0530	6,450
Jackson	92.63%	0.0441	7,610	7.37%	0.0441	605	32.26%	0.0746	2,650	59.01%	0.0751	4,848
Jefferson	92.31%	0.0345	13,431	7.69%	0.0345	1,119	24.73%	0.0543	3,598	51.51%	0.0635	7,492
Knox	97.88%	0.0212	13,253	2.12%	0.0212	287	19.22%	0.0635	2,602	51.07%	0.0745	6,924
Lake	96.19%	0.0222	50,466	3.81%	0.0222	1,999	11.06%	0.0325	5,803	34.36%	0.0525	17,917
Lawrence	90.52%	0.0304	13,275	7.87%	0.0265	1,154	35.35%	0.0526	5,184	62.75%	0.0514	9,372
Licking	98.20%	0.0134	36,808	1.80%	0.0134	675	15.84%	0.0418	5,937	45.58%	0.0565	17,085
Lorain	94.40%	0.0358	11,266	5.60%	0.0358	668	15.31%	0.0658	1,827	37.50%	0.0804	4,301
Lorain	95.25%	0.0083	68,708	4.66%	0.0082	3,361	20.62%	0.0175	14,874	40.42%	0.0199	29,359
Lucas	94.19%	0.0110	105,952	5.27%	0.0105	5,928	26.72%	0.0209	30,057	48.29%	0.0231	54,557
Madison	98.93%	0.0111	9,366	1.07%	0.0111	101	19.39%	0.0879	1,836	39.84%	0.1126	3,770
Mahoning	94.81%	0.0139	52,683	4.41%	0.0127	2,451	30.58%	0.0313	16,992	53.88%	0.0324	29,862
Marion	91.76%	0.0435	14,170	8.24%	0.0435	1,272	28.73%	0.0710	4,436	55.19%	0.0678	8,524
Medina	98.43%	0.0112	41,868	1.57%	0.0112	668	10.45%	0.0408	4,445	29.12%	0.0599	12,267
Meigs	92.80%	0.0245	5,026	7.20%	0.0245	390	34.96%	0.0521	1,893	68.09%	0.0521	3,688
Mercer	96.44%	0.0173	11,474	2.24%	0.0116	267	15.34%	0.0438	1,825	41.39%	0.0554	4,923
Miami	86.78%	0.0450	21,662	12.89%	0.0450	3,218	16.42%	0.0457	4,099	48.74%	0.0605	12,156
Monroe	.	.	n/a	.	.	n/a	27.54%	0.1012	952	61.27%	0.1154	2,121
Montgomery	94.16%	0.0109	120,384	5.76%	0.0108	7,364	20.52%	0.0204	26,235	42.45%	0.0251	54,362
Morgan	74.72%	0.1123	2,735	25.28%	0.1123	925	30.73%	0.0990	1,125	69.30%	0.0669	2,533
Morrow	98.84%	0.0118	8,816	1.16%	0.0118	103	18.45%	0.0788	1,646	45.55%	0.0885	4,062
Muskingum	96.88%	0.0164	20,232	3.12%	0.0164	652	29.05%	0.0517	6,067	56.61%	0.0546	11,816
Noble	96.80%	0.0281	2,998	3.20%	0.0281	99	12.58%	0.0863	390	51.40%	0.1265	1,590
Ottawa	98.92%	0.0110	9,264	1.08%	0.0110	101	7.17%	0.0432	671	47.65%	0.0827	4,463
Paulding	88.96%	0.0520	4,562	11.04%	0.0520	566	18.86%	0.0897	967	33.63%	0.0936	1,722
Perry	91.32%	0.0556	8,853	8.68%	0.0556	841	30.55%	0.0915	2,962	70.35%	0.0893	6,827
Pickaway	98.54%	0.0148	11,611	1.46%	0.0148	172	21.04%	0.0780	2,479	42.65%	0.0956	4,948
Pike	90.64%	0.0364	6,712	9.36%	0.0364	693	25.97%	0.0756	1,923	55.61%	0.0812	4,126
Portage	94.95%	0.0214	33,905	5.05%	0.0214	1,803	18.54%	0.0514	6,620	47.13%	0.0633	16,836
Preble	96.67%	0.0194	10,439	3.33%	0.0194	360	30.09%	0.0600	3,249	57.20%	0.0553	6,074
Putnam	94.70%	0.0264	9,595	4.97%	0.0261	504	7.51%	0.0356	761	26.87%	0.0652	2,716
Richland	96.82%	0.0249	29,129	3.18%	0.0249	957	25.86%	0.0616	7,780	46.11%	0.0684	13,885
Ross	94.19%	0.0301	16,034	5.81%	0.0301	989	33.44%	0.0649	5,692	48.26%	0.0647	8,215
Sandusky	94.91%	0.0271	14,772	5.09%	0.0271	792	12.35%	0.0424	1,922	41.63%	0.0553	6,574
Scioto	93.44%	0.0233	16,649	6.56%	0.0233	1,169	32.19%	0.0452	5,736	66.36%	0.0426	11,783
Seneca	93.39%	0.0395	13,665	6.61%	0.0395	967	17.88%	0.0505	2,616	62.37%	0.0552	9,139
Shelby	94.93%	0.0216	12,822	5.07%	0.0216	685	10.89%	0.0346	1,471	39.00%	0.0599	5,260
Stark	93.78%	0.0160	82,688	6.22%	0.0160	5,484	23.79%	0.0307	20,976	44.33%	0.0346	38,946
Summit	94.63%	0.0080	121,478	5.33%	0.0080	6,842	22.76%	0.0165	29,217	44.32%	0.0194	56,971
Trumbull	91.93%	0.0252	45,037	7.50%	0.0250	6,194	30.29%	0.0414	9,022	60.83%	0.0416	22,629
Tuscarawas	91.23%	0.0269	20,453	8.36%	0.0266	1,874	16.11%	0.0353	3,612			

# 2004 Ohio Poverty and Insured / Uninsured Rates for Adults Ages 18 and Up

Count estimates for individual counties are based upon sampling frame estimations, not census or other sources. Sampling errors (SE) vary for each county, depending upon the number of respondents per county. Statistical significance is not assumed.

Source: 2004 Ohio Family Health Survey.

\* SE = standard error

Adults County	Insured			Uninsured			100% or less FPL			200% or less FPL		
	Estimated	SE*	Total	Estimated	SE*	Total	Estimated	SE*	Total	Estimated	SE*	Total
Ohio	87.47%	0.0023	7,481,886	12.53%	0.0023	1,068,841	15.55%	0.0024	1,330,066	36.45%	0.0032	3,116,740
Adams	77.42%	0.0308	15,469	22.58%	0.0308	4,522	26.89%	0.0333	5,385	55.36%	0.0360	11,085
Allen	88.37%	0.0214	63,862	11.63%	0.0214	8,405	15.68%	0.0245	11,331	41.53%	0.0338	30,012
Ashland	92.67%	0.0236	34,739	7.33%	0.0236	2,748	12.29%	0.0303	4,607	42.21%	0.0463	15,823
Ashtabula	85.58%	0.0233	62,644	14.42%	0.0233	10,555	17.59%	0.0230	12,876	41.50%	0.0299	30,385
Athens	83.15%	0.0376	35,968	16.85%	0.0376	7,289	23.52%	0.0422	10,174	43.47%	0.0477	18,808
Auglaize	92.99%	0.0256	30,367	7.01%	0.0256	2,289	5.02%	0.0212	1,639	26.73%	0.0465	8,732
Belmont	88.84%	0.0276	43,757	11.16%	0.0276	5,497	19.49%	0.0329	9,600	45.41%	0.0380	22,361
Brown	84.84%	0.0176	26,360	15.16%	0.0176	4,710	22.41%	0.0215	6,963	47.00%	0.0242	14,603
Butler	87.97%	0.0126	210,288	12.03%	0.0126	28,577	12.24%	0.0121	29,259	30.06%	0.0165	71,881
Carroll	93.22%	0.0238	20,325	6.78%	0.0238	1,478	12.40%	0.0285	2,704	45.14%	0.0533	9,842
Champaign	84.68%	0.0402	23,873	15.32%	0.0402	4,319	16.77%	0.0379	4,728	43.25%	0.0516	12,193
Clark	84.67%	0.0237	85,174	15.33%	0.0237	15,421	16.90%	0.0234	17,001	40.84%	0.0307	41,083
Clermont	88.27%	0.0129	115,882	11.73%	0.0129	15,399	10.46%	0.0118	13,732	29.56%	0.0175	38,807
Clinton	85.48%	0.0390	25,068	14.52%	0.0390	4,258	10.71%	0.0292	3,141	33.77%	0.0475	9,903
Columbiana	82.01%	0.0234	64,744	17.99%	0.0234	14,202	18.46%	0.0223	14,573	46.96%	0.0287	37,073
Coshocton	86.44%	0.0282	22,909	13.56%	0.0282	3,594	21.30%	0.0339	5,645	51.13%	0.0414	13,548
Crawford	89.05%	0.0302	29,458	10.95%	0.0302	3,622	11.60%	0.0278	3,837	41.54%	0.0448	13,741
Cuyahoga	88.19%	0.0078	837,596	11.81%	0.0078	112,167	18.26%	0.0091	173,427	38.11%	0.0116	361,955
Darke	88.49%	0.0215	33,511	11.51%	0.0215	4,359	10.46%	0.0217	3,961	31.62%	0.0307	11,974
Defiance	94.67%	0.0133	26,399	5.33%	0.0133	1,486	6.27%	0.0145	1,748	24.95%	0.0285	6,957
Delaware	90.22%	0.0233	83,992	9.78%	0.0233	9,105	9.93%	0.0220	9,245	19.72%	0.0281	18,359
Erie	86.73%	0.0212	48,547	13.27%	0.0212	7,428	14.10%	0.0224	7,892	36.83%	0.0297	20,616
Fairfield	89.90%	0.0238	84,149	10.10%	0.0238	9,454	8.02%	0.0193	7,507	29.94%	0.0347	28,015
Fayette	87.90%	0.0333	17,763	12.10%	0.0333	2,445	21.25%	0.0446	4,294	45.65%	0.0532	9,225
Franklin	86.05%	0.0080	670,571	13.95%	0.0080	108,710	16.08%	0.0082	125,308	34.48%	0.0106	268,618
Fulton	94.33%	0.0149	28,037	5.67%	0.0149	1,685	9.50%	0.0196	2,824	28.40%	0.0319	8,441
Gallia	83.34%	0.0368	18,486	16.66%	0.0368	3,695	25.36%	0.0419	5,625	51.40%	0.0476	11,401
Geauga	87.26%	0.0313	57,885	12.74%	0.0313	8,451	8.40%	0.0272	5,572	24.48%	0.0420	16,239
Greene	88.83%	0.0225	93,172	11.17%	0.0225	11,716	14.25%	0.0281	14,947	26.48%	0.0343	27,774
Guernsey	82.99%	0.0347	24,378	17.01%	0.0347	4,997	12.04%	0.0273	3,537	42.98%	0.0441	12,625
Hamilton	87.07%	0.0100	495,912	12.93%	0.0100	73,643	16.56%	0.0106	94,318	32.95%	0.0134	187,668
Hancock	91.15%	0.0207	47,189	8.85%	0.0207	4,582	10.86%	0.0220	5,622	29.51%	0.0305	15,283
Hardin	91.09%	0.0322	19,752	8.91%	0.0322	1,932	13.78%	0.0476	2,988	39.97%	0.0632	8,669
Harrison	75.78%	0.0662	8,947	24.22%	0.0662	2,860	17.64%	0.0546	2,083	48.91%	0.0717	5,775
Henry	92.97%	0.0194	19,226	7.03%	0.0194	1,454	6.94%	0.0184	1,435	31.31%	0.0376	6,475
Highland	82.94%	0.0190	24,550	17.06%	0.0190	5,050	19.15%	0.0195	5,668	47.11%	0.0243	13,945
Hocking	79.52%	0.0557	16,187	20.48%	0.0557	4,169	24.61%	0.0633	5,010	47.03%	0.0664	9,573
Holmes	84.85%	0.0174	21,713	15.15%	0.0174	3,877	12.75%	0.0144	3,263	40.68%	0.0222	10,413
Huron	91.66%	0.0172	38,727	8.34%	0.0172	3,524	13.18%	0.0235	5,569	36.21%	0.0313	15,295
Jackson	86.47%	0.0336	20,284	13.53%	0.0336	3,174	26.53%	0.0511	6,223	50.04%	0.0519	11,738
Jefferson	85.29%	0.0255	44,490	14.71%	0.0255	7,673	21.41%	0.0280	11,168	45.62%	0.0353	23,797
Knox	85.58%	0.0304	33,189	14.42%	0.0304	5,592	19.42%	0.0336	7,531	43.47%	0.0422	16,858
Lake	89.59%	0.0197	150,020	10.41%	0.0197	17,432	7.77%	0.0160	13,011	27.75%	0.0282	46,451
Lawrence	85.23%	0.0244	38,361	14.77%	0.0244	6,648	25.79%	0.0292	11,608	53.09%	0.0328	23,891
Licking	86.20%	0.0249	91,592	13.80%	0.0249	14,663	13.21%	0.0243	14,036	36.76%	0.0332	39,049
Logan	84.79%	0.0400	28,121	15.21%	0.0400	5,044	11.75%	0.0327	3,897	36.40%	0.0474	12,075
Lorain	90.41%	0.0086	182,621	9.59%	0.0086	19,371	14.17%	0.0102	28,622	34.01%	0.0139	68,697
Lucas	86.97%	0.0092	275,636	13.03%	0.0092	41,296	18.67%	0.0104	59,171	38.43%	0.0130	121,797
Madison	90.72%	0.0460	23,517	9.28%	0.0460	2,406	10.67%	0.0331	2,766	28.61%	0.0559	7,414
Mahoning	84.27%	0.0149	148,677	15.73%	0.0149	27,752	21.01%	0.0159	37,068	42.39%	0.0181	74,806
Marion	87.33%	0.0258	38,869	12.67%	0.0258	5,639	17.05%	0.0274	7,589	44.52%	0.0380	19,815
Medina	93.59%	0.0187	108,069	6.41%	0.0187	7,402	8.19%	0.0215	9,457	22.53%	0.0330	26,027
Meigs	84.40%	0.0235	14,365	15.60%	0.0235	2,655	25.37%	0.0286	4,318	56.79%	0.0323	9,666
Mercer	91.85%	0.0171	26,228	8.15%	0.0171	2,327	12.18%	0.0231	3,478	31.40%	0.0314	8,966
Miami	85.63%	0.0257	61,711	14.37%	0.0257	10,356	12.38%	0.0242	8,922	38.75%	0.0347	27,919
Monroe	94.33%	0.0274	10,568	5.67%	0.0274	635	21.12%	0.0514	2,366	41.77%	0.0620	4,679
Montgomery	87.42%	0.0095	337,970	12.58%	0.0095	48,635	13.79%	0.0095	53,313	35.32%	0.0140	136,549
Morgan	79.58%	0.0376	8,577	20.42%	0.0376	2,201	18.14%	0.0320	1,955	50.21%	0.0390	5,413
Morrow	86.79%	0.0434	20,927	13.21%	0.0434	3,185	18.49%	0.0486	4,458	45.96%	0.0554	11,082
Muskingum	87.13%	0.0230	51,338	12.87%	0.0230	7,583	19.68%	0.0276	11,596	42.43%	0.0340	24,994
Noble	87.01%	0.0462	7,483	12.99%	0.0462	1,117	14.55%	0.0463	1,251	49.53%	0.0716	4,259
Ottawa	91.24%	0.0257	28,122	8.76%	0.0257	2,700	8.29%	0.0266	2,555	36.79%	0.0460	11,339
Paulding	89.98%	0.0286	12,711	10.02%	0.0286	1,416	11.80%	0.0310	1,667	29.93%	0.0413	4,227
Perry	83.28%	0.0450	20,748	16.72%	0.0450	4,165	25.68%	0.0522	6,398	54.25%	0.0578	13,515
Pickaway	87.06%	0.0417	28,646	12.94%	0.0417	4,258	16.26%	0.0422	5,350	38.69%	0.0565	12,731
Pike	86.34%	0.0334	16,985	13.66%	0.0334	2,687	25.31%	0.0443	4,979	55.13%	0.0495	10,845
Portage	82.57%	0.0370	90,257	17.43%	0.0370	19,053	19.00%	0.0364	20,769	37.55%	0.0416	41,046
Preble	90.87%	0.0178	28,179	9.13%	0.0178	2,831	14.40%	0.0229	4,465	37.19%	0.0315	11,533
Putnam	89.94%	0.0270	21,654	10.06%	0.0270	2,422	8.60%	0.0242	2,071	29.83%	0.0448	7,182
Richland	90.41%	0.0230	79,607	9.59%	0.0230	8,444	12.10%	0.0227	10,654	32.65%	0.0344	28,749
Ross	87.88%	0.0257	44,199	12.12%	0.0257	6,096	24.62%	0.0342	12,383	46.88%	0.0389	23,578
Sandusky	90.88%	0.0196	40,169	9.12%	0.0196	4,031	8.71%	0.0159	3,850	34.11%	0.0299	15,077
Scioto	80.12%	0.0256	42,546	19.88%	0.0256	10,557	29.98%	0.0283	15,920	60.68%	0.0283	32,223
Seneca	89.19%	0.0215	36,536	10.81%	0.0215	4,428	15.35%	0.0257	6,288	40.86%	0.0329	16,738
Shelby	87.55%	0.0326	29,967	12.45%	0.0326	4,262	13.11%	0.0327	4,487	37.99%	0.0415	13,004
Stark	87.16%	0.0140	232,830	12.84%	0.0140	34,299	15.77%	0.0146	42,126	37.44%	0.0194	100,013
Summit	87.25%	0.0083	340,040	12.75%	0.0083	49,691	16.21%	0.0091	63,175	37.57%	0.0122	