

Appendix 4-3
Certified
Community-Level
Population And Employment Allocations
of the
Northeast Ohio Areawide Coordinating Agency

Abridged Version
December 2004

Prepared by

NORTHEAST OHIO AREAWIDE COORDINATING AGENCY

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Abstract:

Certified community-level population and employment allocations for use in three areas:

- 1) Input to the travel demand model (TDM) for the purpose of developing transportation plans, programs, and projects;
- 2) Demonstration of Transportation Conformity; and
- 3) Input to the NOACA Water Quality Management Planning Process.

The full TM-05-01 report disaggregates total employment in each county into three classes: basic employment, retail employment, and service employment. The tables containing the details each class of employment have been eliminated from this presentation. This is the only material that has been eliminated.

Introduction

This document contains the Certified Community-Level Population And Employment Allocations of the Northeast Ohio Areawide Coordinating Agency (NOACA). The NOACA Governing Board moved at its September 10, 2004 meeting that the agency's Executive Director certify the population and employment projections in consultation with the various county planning commissions.

NOACA uses population and employment data for several specific planning activities. These include:

- 1) Input to the travel demand model (TDM) for the purpose of developing transportation plans, programs, and projects;
- 2) Demonstration of Transportation Conformity; and
- 3) Input to the NOACA Water Quality Management Planning Process.

In the past few years, the Census Bureau has been releasing data from the Year 2000 Decennial Census. The new data from this census must be incorporated into our current and future planning activities. Employment data from the 2000 Census Transportation Planning Package (CTPP) is the baseline data for future employment forecasts.

Additionally, the Ohio Department of Development, Office of Strategic Research, produces county-level population projections. NOACA and all other planning entities seeking to secure federal funds are required to use these state projections for the purposes outlined above. This requirement originated in August 1979 in an interdepartmental agreement signed by Governor James Rhodes. The agreement states:

“Beginning January 1, 1981, the Department of Economic and Community Development, pursuant to Section 122.06 (A), Ohio Revised Code, will be solely responsible for producing projections of population and population characteristics for State and sub-state areas for use by any department or agency of the State whose Director has signed this agreement, in planning, establishing the eligibility for funding, or qualifying for a benefit from the United States Government.”

The NOACA Board acknowledged this requirement most recently via Resolution No. 2003054. This resolution adopted the county-level population projections released by Ohio in June 2003.

Robert Layton, NOACA's Principal Economic Planner, allocated these population and employment projections to the communities within the NOACA region. These allocations will subsequently be further allocated to the Traffic Analysis Zone (TAZ) level for use in the travel demand model.

There are several things to be mindful of when reviewing these numbers:

- The CTPP is the only available source of the resident zone to work zone commute data that is necessary for travel demand modeling. As a result, employment estimates are predicated on data from the year 2000. Major changes in employment locations since 2000 will not be captured herein. They will be reflected in future updates when new Census data is released. The Census Bureau's American Community Survey, which is intended to be collected on an annual rather than decennial basis, will be of considerable benefit in allowing for more frequent updates of employment information in the model.
- The allocations do not constitute a plan for or an accepted vision of the area's population or employment future. In fact, as individual community- and county-level planning efforts come to fruition, their impacts will be reflected in future releases of the state's projections. These updated projections will be similarly allocated to the community- and TAZ-level for NOACA's planning needs.
- These allocations will not impact federal funding allocations for transportation. Funding levels are based on 2000 Census population levels and are not impacted by NOACA's population forecasts.

Local water quality planning efforts are also affected by these allocations. Federal law requires that applicants for wastewater infrastructure funding under the Clean Water Act must submit plans consistent with the region's 208 Water Quality Management Plan. As noted previously, the interdepartmental agreement requires the 208 Plan to be consistent with the State's projections as well. As a result, these allocations will help ensure that applicants have continued access to federal funds for their local water-quality planning efforts.

**CERTIFICATION OF
COMMUNITY LEVEL POPULATION AND EMPLOYMENT ALLOCATIONS
BY THE
NORTHEAST OHIO AREAWIDE COORDINATING AGENCY**

WHEREAS, the Northeast Ohio Areawide Coordinating Agency (NOACA) is the Metropolitan Planning Organization (MPO) for the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina; and

WHEREAS, federal regulations require an update of the region's long-range transportation plan every three years; and

WHEREAS, the development of this plan must meet numerous federal and state requirements in order to ensure continued access to federal funds for transportation projects; and

WHEREAS, the modeling of traffic in current and future years using an appropriately calibrated and validated travel demand model is one of these requirements; and

WHEREAS, the Ohio Department of Development (ODOD), Office of Strategic Research releases county-level population projections; and

WHEREAS, an interdepartmental agreement signed by Governor James Rhodes in August 1979 states:

“Beginning January 1, 1981, the Department of Economic and Community Development, pursuant to Section 122.06 (A), Ohio Revised Code, will be solely responsible for producing projections of population and population characteristics for State and sub-state areas for use by any department or agency of the State whose Director has signed this agreement, in planning, establishing the eligibility for funding, or qualifying for a benefit from the United States Government.”

and

WHEREAS, the aforementioned agreement therefore requires use of ODOD's population projections in NOACA's transportation, air, and water quality management planning programs; and

WHEREAS, the NOACA Governing Board adopted the county-level population projections issued by ODOD in Summer 2003 at its September 2003 meeting (Resolution 2003-054); and

WHEREAS, these county-level projections have been allocated to the community level and will subsequently be allocated to Traffic Analysis Zone (TAZ) level utilizing standard accepted statistical methods; and

WHEREAS, NOACA staff prepares community- and TAZ-level employment projections for the transportation, air, and water quality management planning programs using 2000 Census Transportation Planning Package Data as a baseline; and

WHEREAS, both population and employment are fundamental inputs to the NOACA's Travel Demand Model and population serves as a factor in determining the appropriate sizing of wastewater treatment facilities subject to the NOACA 208 Water Quality Management Plan; and

WHEREAS, neither the projections nor their associated travel demand model outputs are the final determinants of where, when, or how federal transportation dollars will be spent in the region. The NOACA Governing Board, through its Regional Transportation Investment Policy (Resolution 2003-051) contains NOACA policies for planning, programming and prioritizing federal-aid projects; and

WHEREAS, one agreed-upon set of population and employment projections will ensure that the NOACA Governing Board consistently meets federal and state transportation, air- and water-quality planning requirements; and

WHEREAS, the NOACA Governing Board moved at its September 10, 2004 meeting to authorize the Executive Director to certify the population and employment projections in consultation with the various county planning commissions for use in the travel demand model, air-quality attainment, and water-quality plan review; and

WHEREAS, NOACA staff has completed the attached population and employment projections in consultation with the various county planning commission.

NOW, THEREFORE, BE IT CERTIFIED by the Executive Director of the Northeast Ohio Areawide Coordinating Agency, whose

Governing Board consists of 38 principal elected and other officials of general purpose local government throughout and within the Counties of Cuyahoga, Geauga, Lake, Lorain, and Medina, that:

Section 1: The attached population and employment projections and allocations are adopted for use in the NOACA Travel Demand Model (TDM) for the purpose of developing transportation plans, programs, and projects.

Section 2: The attached population and employment projections and allocations are adopted for use in demonstrating conformity between transportation plans, programs and projects with the State Implementation Plan for Ozone.

Section 3: The attached population and employment projections and allocations are adopted for use in the NOACA Water Quality Management Planning Program.

Section 4: The attached population and employment projections and allocations are not to be construed to be a plan for or an accepted vision of the area's population or employment future.

Section 5: The attached population and employment projects will be reviewed and potentially revised each time the State releases new population projections.

Certified by the Executive Director of the Northeast Ohio Areawide Coordinating Agency.

Executive Director: signed Howard Maier

Date Signed: 12/20/04

**CUYAHOGA COUNTY
TOTAL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
CUYAHOGA COUNTY	733,945	747,933	722,023	727,764	727,267	718,803	710,340	706,340
CLEVELAND	332,050	294,684	271,738	264,017	255,327	245,986	236,962	229,977
WEST SHORE REGION								
Bay Village	2,477	2,689	2,649	2,698	2,715	2,672	2,631	2,608
Fairview Park	5,042	4,845	4,648	4,656	4,625	4,557	4,488	4,446
Lakewood	15,633	15,657	15,304	15,484	15,490	15,181	14,879	14,689
North Olmsted	12,310	14,170	14,034	14,400	14,606	14,650	14,656	14,729
Rocky River	8,450	9,417	9,299	9,509	9,597	9,545	9,480	9,461
Westlake	15,796	21,345	23,089	25,146	26,637	27,389	28,000	28,662
SOUTH WEST REGION								
Berea	8,912	9,568	9,470	9,760	9,946	10,014	10,051	10,139
Brook Park	16,294	15,511	14,492	14,139	13,699	13,116	12,519	12,044
Middleburg Hts.	13,580	18,231	18,822	19,943	20,749	21,178	21,509	21,913
Olmsted Falls	1,284	1,609	1,709	1,836	1,922	1,957	1,983	2,014
Olmsted Twp.	2,126	4,043	4,563	5,110	5,526	5,768	5,972	6,181
Strongsville	12,061	20,393	21,080	22,544	23,842	24,756	25,643	26,732
SOUTH CENTRAL REGION								
Brooklyn	10,076	13,269	12,719	12,727	12,635	12,443	12,225	12,089
Linndale	122	134	119	123	125	126	126	126
North Royalton	5,975	7,990	8,234	8,805	9,314	9,673	10,024	10,456
Parma	29,393	28,767	27,511	27,512	27,304	26,890	26,451	26,182
Parma Hts.	4,699	4,600	4,547	4,654	4,699	4,674	4,684	4,723
CUYAHOGA REGION								
Brecksville	7,335	10,507	11,093	11,900	12,459	12,683	12,865	13,079
Broadview Hts.	3,524	5,516	5,742	6,186	6,585	6,864	7,148	7,492
Brooklyn Hts.	3,157	4,635	4,673	4,877	5,018	5,086	5,126	5,191
Cuyahoga Hts.	6,617	7,470	7,067	7,061	7,039	7,013	6,946	6,936
Independence	13,365	17,196	17,668	18,597	19,196	19,360	19,470	19,647
Newburgh Hts.	1,106	2,094	2,203	2,400	2,573	2,720	2,838	2,968
Seven Hills	2,348	2,833	2,708	2,704	2,676	2,623	2,572	2,536
Valley View	4,321	7,725	7,794	8,169	8,456	8,641	8,775	8,950
CHAGRIN SOUTHEAST REGION								
Bedford	6,293	6,841	6,555	6,506	6,394	6,166	5,948	5,782
Bedford Hts.	8,879	9,659	9,263	9,268	9,207	9,050	8,859	8,740
Bentleyville	18	139	171	201	225	240	253	265
Chagrin Falls Twp	6	0	0	0	0	0	0	0
Chagrin Falls	3,161	2,950	2,800	2,780	2,739	2,679	2,621	2,579
Garfield Hts.	8,965	10,121	9,753	9,842	9,858	9,803	9,725	9,709
Glenwillow	410	828	815	839	855	864	868	878
Highland Hills	4,794	1,607	1,515	1,506	1,489	1,468	1,448	1,438
Hunting Valley	316	326	303	298	293	288	283	281
Maple Hts.	8,859	6,283	5,664	5,344	5,007	4,657	4,938	4,918
Moreland Hills	568	560	551	564	572	574	575	579
North Randall	3,782	2,579	2,340	2,236	2,135	2,046	1,963	1,897
Oakwood	1,487	3,049	3,228	3,504	3,731	3,901	4,038	4,188
Orange	1,026	1,119	1,210	1,317	1,392	1,425	1,454	1,484
Solon	22,794	24,484	24,223	25,039	25,722	26,090	26,429	27,010
Walton Hills	4,492	4,340	4,111	4,086	4,038	3,967	3,878	3,821
Warrensville Hts.	8,851	8,119	7,686	7,640	7,551	7,423	7,283	7,196

**CUYAHOGA COUNTY
TOTAL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Woodmere	1,493	2,054	2,027	2,077	2,104	2,103	2,099	2,106
HEIGHTS REGION								
Cleveland Hts.	11,410	10,204	9,792	9,703	9,498	9,080	8,687	8,364
East Cleveland	6,779	6,335	6,133	6,164	6,128	5,976	5,820	5,707
Shaker Hts.	6,895	9,132	8,972	9,094	9,103	8,906	8,723	8,604
University Hts.	3,875	4,059	4,021	4,110	4,147	4,086	4,030	4,001
HILLCREST REGION								
Beachwood	15,739	20,151	21,635	23,423	24,674	25,208	25,653	26,144
Bratenahl	236	401	400	415	425	431	436	442
Euclid	24,282	18,906	17,307	16,649	15,932	15,169	14,419	13,808
Gates Mills	1,202	696	685	703	712	713	713	716
Highland Hts.	6,578	7,817	7,737	7,999	8,221	8,327	8,442	8,640
Lyndhurst	4,819	4,857	4,689	4,685	4,627	4,468	4,320	4,209
Mayfield Hts.	6,948	12,792	12,818	13,361	13,768	14,034	14,245	14,518
Mayfield	4,692	9,042	8,947	9,218	9,385	9,432	9,459	9,533
Pepper Pike	2,778	3,106	3,012	3,051	3,059	3,036	3,013	3,006
Richmond Hts.	4,502	5,007	5,410	5,887	6,233	6,415	6,565	6,725
South Euclid	5,806	5,472	5,275	5,303	5,281	5,207	5,130	5,084

SOURCE: 1990 & 2000, U. S. Census Bureau (Census Transportation Planning Package); 2005 - 2030, County projections - NOACA; Sub-county allocations – NOACA in cooperation with Cuyahoga County Planning Commission

**CUYAHOGA COUNTY
TOTAL POPULATION**

	1990	2000	2005	2010	2015	2020	2025	2030
CUYAHOGA COUNTY	1,412,140	1,393,845	1,356,860	1,332,540	1,309,640	1,301,870	1,289,960	1,274,020
CLEVELAND	505,616	477,459	445,353	424,360	407,077	399,411	390,716	381,225
WEST SHORE REGION								
Bay Village	17,000	16,087	15,678	15,280	14,870	14,488	14,089	13,674
Fairview Park	18,028	17,572	16,888	16,439	16,032	15,889	15,685	15,423
Lakewood	59,718	56,646	55,207	53,805	52,360	51,016	49,612	48,149
North Olmsted	34,204	34,113	33,471	33,046	32,576	32,492	32,258	31,875
Rocky River	20,410	20,735	20,674	20,633	20,502	20,545	20,482	20,310
Westlake	27,018	31,719	35,337	37,758	39,355	40,524	41,358	41,807
SOUTH WEST REGION								
Berea	19,051	18,970	18,587	18,333	18,060	18,005	17,869	17,651
Brook Park	22,865	21,218	20,502	19,800	19,083	18,401	17,698	16,975
Middleburg Hts.	14,702	15,542	16,017	16,330	16,479	16,663	16,743	16,710
Olmsted Falls	6,741	7,962	8,907	9,540	9,959	10,264	10,483	10,603
Olmsted Twp	8,380	10,575	12,351	13,548	14,366	14,933	15,360	15,625
Strongsville	35,308	43,858	46,032	48,236	50,401	52,665	54,874	57,016
SOUTH CENTRAL REGION								
Brooklyn	11,706	11,586	11,291	11,096	10,901	10,850	10,752	10,608
Linndale	159	117	99	100	100	101	101	101
North Royalton	23,197	28,648	30,068	31,507	32,922	34,401	35,844	37,243
Parma	87,876	85,655	82,324	80,134	78,152	77,453	76,459	75,185
Parma Hts.	21,448	21,659	21,484	21,367	21,178	21,191	21,099	20,898
CUYAHOGA REGION								
Brecksville	11,818	13,382	14,533	15,300	15,789	16,168	16,424	16,539
Broadview Hts.	12,219	15,967	16,758	17,561	18,349	19,173	19,977	20,757
Brooklyn Hts.	1,450	1,558	1,626	1,672	1,697	1,721	1,735	1,735
Cuyahoga Hts.	682	599	518	466	426	406	386	367
Independence	6,500	7,109	7,524	7,799	7,963	8,105	8,191	8,214
Newburgh Hts.	2,310	2,389	2,418	2,437	2,439	2,455	2,456	2,443
Seven Hills	12,339	12,080	11,657	11,378	11,121	11,035	10,906	10,735
Valley View	2,137	2,179	2,179	2,180	2,169	2,176	2,171	2,154
CHAGRIN SOUTHEAST REGION								
Bedford	14,822	14,214	13,853	13,501	13,139	12,801	12,449	12,082
Bedford Hts.	12,131	11,375	10,991	10,615	10,230	9,865	9,488	9,100
Bentleyville	674	947	1,177	1,334	1,444	1,517	1,575	1,613
Chagrin Falls Twp	202	135	99	100	100	101	101	101
Chagrin Falls Village	4,146	4,024	3,852	3,740	3,639	3,602	3,552	3,489
Garfield Hts.	31,739	30,734	29,360	28,457	27,663	27,362	26,963	26,474
Glenwillow	455	449	436	428	420	418	414	408
Highland Hills	1,726	1,618	1,498	1,420	1,357	1,328	1,296	1,262
Hunting Valley (part)	648	590	531	492	462	447	431	416
Maple Hts.	27,089	26,156	24,920	24,108	23,402	23,127	22,772	22,344
Moreland Hills	3,354	3,298	3,195	3,127	3,063	3,043	3,011	2,966
North Randall	977	906	830	781	741	722	702	682
Oakwood	3,392	3,667	3,846	3,965	4,033	4,096	4,132	4,137
Orange	2,810	3,236	3,557	3,771	3,911	4,015	4,088	4,124
Solon	18,548	21,802	22,882	23,978	25,054	26,180	27,278	28,343
Walton Hills	2,371	2,400	2,385	2,376	2,357	2,360	2,351	2,329
Warrensville Hts.	15,745	15,109	14,311	13,789	13,342	13,160	12,935	12,673

**CUYAHOGA COUNTY
TOTAL POPULATION**

	1990	2000	2005	2010	2015	2020	2025	2030
Woodmere	834	828	809	797	784	780	773	762
HEIGHTS REGION								
Cleveland Hts.	54,052	50,769	49,056	47,376	45,660	44,029	42,347	40,616
East Cleveland	33,096	27,217	26,299	25,398	24,478	23,604	22,702	21,774
Shaker Hts.	30,831	29,405	28,658	27,930	27,180	26,482	25,754	24,994
University Hts.	14,790	14,146	13,787	13,436	13,076	12,740	12,389	12,024
HILLCREST REGION								
Beachwood	10,677	12,186	13,310	14,060	14,542	14,910	15,162	15,282
Bratenahl	1,356	1,337	1,299	1,273	1,248	1,241	1,229	1,212
Euclid	54,875	52,717	49,987	48,197	46,662	46,042	45,271	44,366
Gates Mills	2,508	2,493	2,439	2,403	2,365	2,357	2,338	2,309
Highland Hts.	6,249	8,082	8,483	8,889	9,288	9,705	10,112	10,507
Lyndhurst	15,982	15,279	14,891	14,513	14,123	13,760	13,382	12,987
Mayfield Hts.	19,847	19,386	18,668	18,196	17,764	17,616	17,399	17,117
Mayfield	3,462	3,435	3,355	3,302	3,248	3,235	3,207	3,166
Pepper Pike	6,185	6,040	5,815	5,667	5,532	5,486	5,418	5,330
Richmond Hts.	9,611	10,944	11,934	12,594	13,017	13,341	13,562	13,666
South Euclid	23,866	23,537	22,864	22,421	21,989	21,865	21,649	21,343

**SOURCE: 1990 & 2000, U. S. Census Bureau; 2005 - 2030, County projections - State of Ohio, Office of Strategic Research;
Sub-county allocations - NOACA in cooperation with Cuyahoga County Planning Commission**

**GEAUGA COUNTY
TOTAL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Geauga County	24,626	34,451	35,995	39,962	43,742	47,192	50,640	54,365
Auburn Twp.	96	1,288	1,423	1,678	1,661	1,880	2,093	2,312
Bainbridge Twp.	3,536	4,523	4,817	5,334	5,656	5,974	6,299	6,668
Burton Village	1,345	702	705	752	755	732	778	830
Burton Twp.	667	1,601	1,614	1,791	2,122	2,376	2,618	2,869
Chardon City	3,761	5,710	6,117	6,853	7,237	7,765	8,292	8,871
Chardon Twp.	1,069	397	408	433	436	462	488	519
Chester Twp.	3,578	3,077	3,144	3,353	4,041	4,291	4,538	4,818
Claridon Twp.	71	513	542	600	717	793	867	945
Hambden Twp.	89	508	566	647	667	730	792	860
Huntsburg Twp.	42	293	324	373	385	427	469	513
Middlefield Village	3,384	6,076	6,157	6,893	7,559	8,291	8,993	9,721
Middlefield Twp.	852	979	964	1,064	1,180	1,280	1,376	1,476
Montville Twp.	50	306	325	369	408	455	501	548
Munson Twp.	1,489	2,927	3,203	3,576	3,917	4,229	4,539	4,884
Newbury Twp.	2,809	2,592	2,579	2,794	3,087	3,236	3,384	3,547
Parkman Twp.	131	374	383	431	484	540	592	647
Russell Twp.	625	808	838	893	1,157	1,248	1,334	1,430
S.Russell Village	737	793	851	956	981	1,044	1,107	1,178
Thompson Twp.	208	400	416	458	513	553	592	635
Troy Twp.	87	584	619	715	778	886	988	1,093

SOURCE: 1990 & 2000, U. S. Census Bureau (Census Transportation Planning Package); 2005 - 2030, County projections - NOACA; Sub-county allocations – NOACA in cooperation with Geauga County Planning Commission

**GEAUGA COUNTY
TOTAL POPULATION**

	1990	2000	2005	2010	2015	2020	2025	2030
Geauga County	81,129	90,895	94,440	98,820	101,290	104,810	106,790	109,180
Auburn Twp.	3,298	5,158	6,066	6,922	7,460	8,032	8,382	8,728
Bainbridge Twp.	9,694	10,916	11,354	11,888	12,188	12,614	12,853	13,141
Burton Village	1,349	1,450	1,477	1,522	1,545	1,586	1,608	1,638
Burton Twp.	2,838	2,908	2,898	2,933	2,944	2,993	3,016	3,057
Chardon City	4,446	5,156	5,430	5,740	5,919	6,155	6,290	6,446
Chardon Twp.	4,037	4,763	5,053	5,369	5,555	5,791	5,928	6,083
Chester Twp.	11,049	10,968	10,763	10,756	10,708	10,810	10,845	10,952
Claridon Twp.	3,016	3,173	3,201	3,273	3,306	3,380	3,418	3,473
Hambden Twp.	3,311	4,024	4,320	4,632	4,818	5,045	5,177	5,323
Huntsburg Twp.	2,642	3,297	3,577	3,865	4,038	4,243	4,364	4,494
Middlefield Village	1,898	2,233	2,366	2,512	2,598	2,707	2,770	2,842
Middlefield Twp.	4,111	4,418	4,501	4,638	4,708	4,832	4,899	4,988
Montville Twp.	1,682	1,984	2,104	2,236	2,313	2,412	2,469	2,533
Munson Twp.	5,775	6,450	6,685	6,980	7,145	7,384	7,518	7,681
Newbury Twp.	5,611	5,805	5,811	5,904	5,940	6,052	6,106	6,195
Parkman Twp.	3,083	3,546	3,722	3,924	4,040	4,195	4,284	4,387
Russell Twp.	5,765	5,674	5,545	5,521	5,484	5,525	5,535	5,584
S.Russell Village	3,402	4,022	4,270	4,541	4,699	4,901	5,018	5,149
Thompson Twp.	2,219	2,383	2,427	2,500	2,537	2,604	2,640	2,688
Troy Twp.	1,903	2,567	2,868	3,164	3,345	3,549	3,672	3,798

SOURCE: 1990 & 2000, U. S. Census Bureau; 2005 - 2030, County projections - State of Ohio, Office of Strategic Research; Sub-county allocations - NOACA in cooperation with Geauga County Planning Commission

**LAKE COUNTY
TOTAL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lake County	87,493	102,836	111,634	120,750	129,222	136,684	144,146	152,732
Concord Twp.	1,365	3,637	4,760	5,898	6,854	7,605	8,424	9,331
Eastlake City	6,692	7,349	7,606	7,944	8,234	8,607	8,905	9,269
Fairport Harbor Village	910	860	901	947	982	1,009	1,034	1,068
Grand River Village	445	419	422	429	430	422	416	413
Kirtland City	1,615	2,201	2,548	2,877	3,147	3,342	3,552	3,790
Kirtland Hills Village	194	101	108	115	121	130	137	145
Lakeline Village	0	10	10	9	9	10	11	12
Leroy Twp.	29	355	440	524	593	645	701	764
Madison Village	434	1,500	2,145	2,803	3,372	3,854	4,366	4,933
Madison Twp.	3,440	3,622	4,367	5,152	5,643	6,103	6,422	6,816
Mentor City	23,867	33,377	35,164	36,980	38,648	40,113	41,671	43,418
Mentor-on-the-Lake City	710	875	972	1,066	1,152	1,250	1,338	1,435
North Perry Village	283	196	171	148	127	107	111	115
Painesville City	9,452	9,259	10,563	11,863	12,949	13,794	14,677	15,699
Painesville Twp.	8,498	5,386	5,288	5,199	5,779	6,196	6,655	7,189
Perry Village	291	533	582	628	663	676	694	718
Perry Twp.	1,974	2,764	3,463	4,217	4,852	5,382	5,948	6,580
Timberlake Village	21	40	47	54	60	67	74	81
Waite Hill Village	327	99	105	111	117	124	130	136
Wickliffe City	8,880	8,927	9,063	9,289	9,499	9,870	10,121	10,447
Willoughby City	13,472	16,236	17,557	18,913	20,174	21,248	22,401	23,729
Willoughby Hills City	2,274	2,962	3,129	3,274	3,406	3,544	3,656	3,797
Willowick City	2,320	2,128	2,225	2,312	2,411	2,580	2,703	2,847

SOURCE: 1990 & 2000, U. S. Census Bureau (Census Transportation Planning Package); 2005 - 2030, County projections - NOACA; Sub-county allocations – NOACA in cooperation with Lake County Planning Commission

**LAKE COUNTY
TOTAL POPULATION**

	1990	2000	2005	2010	2015	2020	2025	2030
Lake County	215,499	227,511	230,510	233,890	233,760	234,520	233,290	232,340
Concord Twp.	12,432	15,282	16,432	17,416	17,769	17,478	17,353	17,260
Eastlake City	21,161	20,255	19,632	19,227	18,881	19,266	19,196	19,139
Fairport Harbor Village	2,978	3,180	3,235	3,293	3,295	3,302	3,284	3,270
Grand River Village	297	345	363	379	384	380	378	376
Kirtland City	5,881	6,670	6,955	7,210	7,280	7,232	7,187	7,153
Kirtland Hills Village	628	597	577	563	552	564	562	561
Lakeline Village	210	165	144	129	120	129	129	129
Leroy Twp.	2,581	3,122	3,337	3,522	3,586	3,534	3,509	3,491
Madison Village	2,477	2,921	3,092	3,241	3,290	3,252	3,230	3,214
Madison Twp.	15,477	15,507	16,601	17,807	17,596	17,657	16,975	16,397
Mentor City	47,358	50,278	50,378	50,478	50,578	50,678	50,778	50,882
Mentor-on-the-Lake City	8,271	8,127	7,973	7,886	7,783	7,903	7,871	7,845
North Perry Village	824	831	825	824	817	825	822	819
Painesville City	15,699	17,417	18,001	18,539	18,661	18,594	18,484	18,400
Painesville Twp.	13,218	15,123	15,823	16,445	16,624	16,496	16,392	16,314
Perry Village	1,012	1,195	1,266	1,327	1,347	1,332	1,323	1,316
Perry Twp.	4,944	6,214	6,736	7,180	7,345	7,207	7,154	7,114
Timberlake Village	833	775	741	718	701	719	717	715
Waite Hill Village	454	446	437	433	427	434	432	430
Wickliffe City	14,558	13,484	12,866	12,437	12,132	12,459	12,421	12,390
Willoughby City	20,510	22,621	22,719	22,817	22,915	23,013	23,111	23,211
Willoughby Hills City	8,427	8,595	8,574	8,594	8,538	8,615	8,574	8,543
Willowick City	15,269	14,361	13,804	13,427	13,139	13,452	13,407	13,371

SOURCE: 1990 & 2000, U. S. Census Bureau; 2005 - 2030, County projections - State of Ohio, Office of Strategic Research; Sub-county allocations - NOACA in cooperation with Lake County Planning Commission

**LORAIN COUNTY
TOTAL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lorain County	99,508	107,607	107,225	111,574	115,129	117,606	120,083	123,388
Amherst City	4,284	5,388	5,349	5,520	5,641	5,720	5,800	5,930
Amherst Twp.	484	1,341	1,310	1,353	1,386	1,410	1,434	1,469
Avon City	2,338	4,970	5,392	5,936	6,500	6,905	7,316	7,701
Avon Lake City	8,146	8,270	8,112	8,445	8,746	8,963	9,182	9,451
Brighton Twp.	40	60	63	66	69	71	73	76
Brownhelm Twp.	57	229	228	240	250	257	265	274
Camden Twp.	641	183	177	182	186	188	190	194
Carlisle Twp.	2,409	2,098	2,076	2,136	2,174	2,197	2,219	2,262
Columbia Twp.	165	1,438	1,415	1,463	1,501	1,527	1,553	1,590
Eaton Twp.	2,061	1,977	1,968	2,020	2,050	2,065	2,079	2,114
Elyria City	26,897	29,582	28,982	29,793	30,340	30,708	31,075	31,728
Elyria Twp.	2,539	1,957	1,932	1,977	1,999	2,009	2,020	2,051
Grafton Village	1,273	1,205	1,207	1,283	1,342	1,393	1,441	1,506
Grafton Twp.	36	237	237	249	261	269	277	286
Henrietta Twp.	47	279	278	288	295	300	305	312
Huntington Twp.	49	213	205	212	217	221	226	232
Lagrange Village	654	1,109	1,077	1,107	1,130	1,146	1,161	1,187
Lagrange Twp.	61	348	345	361	375	384	394	406
Lorain City	28,378	22,124	21,981	22,800	23,449	23,880	24,313	24,917
New Russia Twp.	121	605	579	595	607	616	625	639
North Ridgeville City	5,097	6,238	6,482	6,916	7,332	7,624	7,918	8,227
Oberlin City	5,375	6,853	6,810	7,079	7,252	7,392	7,523	7,745
Penfield Twp.	26	335	323	335	347	355	363	374
Pittsfield Twp.	29	339	338	348	356	360	364	371
Rochester Twp.	73	75	67	65	61	59	57	56
Sheffield Village	1,054	2,504	2,658	2,870	3,081	3,232	3,385	3,538
Sheffield Lake City	878	964	950	973	986	993	1,001	1,018
Sheffield Twp.	2,913	2,282	2,336	2,448	2,542	2,605	2,668	2,746
South Amherst Village	336	312	309	320	329	335	340	348
Vermilion City (part)	953	1,091	1,096	1,141	1,178	1,205	1,231	1,267
Wellington Village	2,071	2,709	2,659	2,760	2,846	2,908	2,970	3,053
Wellington Twp.	23	292	283	293	301	307	313	321

SOURCE: 1990 & 2000, U. S. Census Bureau (Census Transportation Planning Package); 2005 - 2030, County projections - NOACA; Sub-county allocations - NOACA in cooperation with Lorain County Planning Commission

**LORAIN COUNTY
TOTAL POPULATION**

	1990	2000	2005	2010	2015	2020	2025	2030
Lorain County	271,126	284,664	288,400	290,840	295,660	299,630	306,720	312,540
Amherst City	10,332	11,797	11,783	11,523	11,489	11,482	11,596	11,702
Amherst Twp.	5,879	6,174	6,233	6,138	6,166	6,195	6,289	6,369
Avon City	7,337	11,446	13,877	15,176	16,921	18,190	19,651	20,735
Avon Lake City	15,066	18,145	19,132	19,343	19,994	20,475	21,173	21,706
Brighton Twp.	812	942	983	987	1,014	1,034	1,064	1,088
Brownhelm Twp.	1,416	1,792	1,916	1,954	2,037	2,099	2,182	2,245
Camden Twp.	1,522	1,530	1,522	1,484	1,474	1,469	1,480	1,491
Carlisle Twp.	7,554	7,339	7,286	7,092	7,037	7,007	7,051	7,096
Columbia Twp.	6,594	6,912	6,995	6,898	6,941	6,981	7,094	7,190
Eaton Twp.	6,516	5,973	5,898	5,721	5,654	5,614	5,634	5,658
Elyria City	56,746	55,953	55,548	54,122	53,729	53,541	53,918	54,309
Elyria Twp.	3,699	3,520	3,455	3,338	3,285	3,251	3,252	3,259
Grafton Village	3,344	6,004	6,216	6,403	6,649	6,924	7,240	7,581
Grafton Twp.	2,013	2,722	2,964	3,054	3,218	3,338	3,493	3,610
Henrietta Twp.	1,795	1,873	1,893	1,864	1,873	1,882	1,911	1,935
Huntington Twp.	1,172	1,282	1,315	1,307	1,327	1,342	1,372	1,396
Lagrange Village	1,199	1,815	1,813	1,772	1,766	1,764	1,781	1,796
Lagrange Twp.	3,445	4,157	4,387	4,437	4,589	4,701	4,863	4,986
Lorain City	71,245	68,652	69,699	68,872	69,455	69,962	71,208	72,238
New Russia Twp.	1,886	1,918	1,925	1,888	1,888	1,891	1,914	1,934
North Ridgeville City	21,564	22,338	24,294	25,023	26,360	27,337	28,601	29,553
Oberlin City	8,191	8,195	8,139	8,030	8,033	8,097	8,230	8,397
Penfield Twp.	1,312	1,690	1,816	1,857	1,942	2,004	2,088	2,150
Pittsfield Twp.	1,546	1,549	1,546	1,509	1,503	1,500	1,514	1,526
Rochester Twp.	627	752	627	536	450	392	339	303
Sheffield Village	1,943	2,949	3,287	3,433	3,666	3,835	4,045	4,201
Sheffield Lake City	9,825	9,371	9,222	8,926	8,799	8,720	8,736	8,763
Sheffield Twp.	3,751	4,117	4,227	4,205	4,272	4,324	4,422	4,500
South Amherst Village	1,765	1,863	1,888	1,863	1,876	1,887	1,919	1,945
Vermilion City (part)	5,644	5,990	6,093	6,029	6,089	6,141	6,257	6,353
Wellington Village	4,140	4,511	4,634	4,619	4,700	4,765	4,880	4,975
Wellington Twp.	1,246	1,393	1,438	1,435	1,463	1,484	1,521	1,550

SOURCE: 1990 & 2000, U. S. Census Bureau; 2005 - 2030, County projections - State of Ohio, Office of Strategic Research; Sub-county allocations - NOACA in cooperation with Lorain County Planning Commission

**MEDINA COUNTY
TOTAL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Medina County	40,919	55,289	56,404	62,618	68,547	73,968	79,389	85,468
Brunswick City	4,107	7,282	7,405	8,024	8,894	9,695	10,434	11,259
Brunswick Hills Twp.	1,693	624	729	886	925	958	963	976
Chatham Twp.	58	166	177	198	225	251	266	284
Granger Twp.	67	1,671	1,708	1,861	2,172	2,469	2,868	3,299
Guilford Twp.	1,113	811	533	560	516	468	425	385
Harrisville Twp.	118	581	619	721	813	901	855	808
Hinckley Twp.	119	1,208	1,256	1,441	1,631	1,808	1,908	2,018
Homer Twp.	107	99	104	114	118	121	120	119
Lafayette Twp.	729	1,810	1,846	2,118	2,527	2,927	3,250	3,599
Litchfield Twp.	46	270	254	296	320	341	366	394
Liverpool Twp.	5,216	3,981	3,991	4,352	4,638	4,898	5,128	5,395
Lodi Village	1,294	1,304	1,457	1,756	1,862	1,952	1,695	1,428
Medina City	13,313	15,938	15,973	17,335	18,426	19,347	20,113	21,019
Medina Twp.	1,764	3,434	3,603	4,245	4,631	4,986	5,700	6,493
Montville Twp.	1,816	1,338	1,515	1,827	2,017	2,206	2,484	2,792
Seville Village	0	990	1,014	1,143	1,308	1,462	1,644	1,841
Sharon Twp.	123	1,596	1,662	1,844	2,190	2,524	2,875	3,251
Spencer Twp.	1,865	306	285	303	248	191	200	210
Wadsworth City	6,035	7,087	7,068	7,592	8,220	8,783	9,600	10,513
Wadsworth Twp.	40	1,869	1,947	2,182	2,603	3,010	3,384	3,784
Westfield Twp.	1,193	825	926	1,085	1,283	1,479	1,389	1,300
Westfield Center Village	54	1,497	1,663	1,928	2,017	2,073	2,442	2,846
York Twp.	49	602	670	807	965	1,119	1,280	1,455

SOURCE: 1990 & 2000, U. S. Census Bureau (Census Transportation Planning Package); 2005 - 2030, County projections - NOACA; Sub-county allocations - NOACA in cooperation with Medina County Planning Commission

**MEDINA COUNTY
TOTAL POPULATION**

	1990	2000	2005	2010	2015	2020	2025	2030
Medina County	122,354	151,095	161,670	173,760	181,890	191,850	198,470	206,770
Brunswick City	28,230	34,481	35,241	36,000	37,500	39,000	40,500	42,000
Brunswick Hills Twp.	4,328	4,376	5,858	7,340	7,920	8,500	8,750	9,000
Chatham Twp.	1,799	2,158	2,331	2,504	2,683	2,862	2,839	2,816
Granger Twp.	2,932	3,928	3,964	4,000	4,250	4,500	5,160	5,820
Guilford Twp.	2,963	3,177	3,214	3,251	3,320	3,389	3,469	3,548
Harrisville Twp.	1,734	1,853	2,131	2,409	2,567	2,725	2,392	2,059
Hinckley Twp.	5,845	6,753	7,560	8,366	8,620	8,873	8,634	8,394
Homer Twp.	1,196	1,461	1,574	1,687	1,819	1,951	1,950	1,950
Lafayette Twp.	4,122	5,507	6,504	7,500	8,566	9,632	10,226	10,819
Litchfield Twp.	2,506	3,250	3,699	4,147	4,219	4,290	4,470	4,649
Liverpool Twp.	3,713	4,329	4,535	4,740	4,926	5,112	5,279	5,447
Lodi Village	3,042	3,061	3,807	4,552	4,703	4,853	3,966	3,080
Medina City	19,231	27,479	28,292	29,105	29,558	30,011	30,394	30,777
Medina Twp.	4,864	6,057	7,029	8,000	8,500	9,000	10,194	11,387
Montville Twp.	3,371	5,344	6,681	8,017	9,246	10,474	11,487	12,499
Seville Village	1,810	2,270	2,446	2,622	2,674	2,725	2,926	3,126
Sharon Twp.	3,234	4,244	4,389	4,534	4,792	5,050	5,600	6,151
Spencer Twp.	1,786	2,429	2,695	2,961	3,140	3,319	3,488	3,656
Wadsworth City	15,718	19,788	20,076	20,364	21,124	21,883	23,641	25,399
Wadsworth Twp.	3,375	2,645	2,823	3,000	3,088	3,176	3,286	3,395
Westfield Twp.	2,610	3,118	3,559	4,000	4,554	5,107	4,577	4,048
Westfield Center Village	784	1,054	1,165	1,275	1,244	1,213	1,390	1,567
York Twp.	2,479	2,333	2,860	3,386	3,796	4,205	4,694	5,182

SOURCE: 1990 & 2000, U. S. Census Bureau; 2005 - 2030, County projections - State of Ohio, Office of Strategic Research; Sub-county allocations - NOACA in cooperation with Medina County Planning Commission