

NOACA

Technical Memorandum

CERTIFIED COMMUNITY-LEVEL POPULATION AND EMPLOYMENT ALLOCATIONS OF THE NORTHEAST OHIO AREAWIDE COORDINATING AGENCY



December 2004



The Northeast Ohio Areawide Coordinating Agency (NOACA) is a public Organization serving the counties of and municipalities & townships within Cuyahoga, Geauga, Lake, Lorain and Medina (covering an area with 2.1 million people). NOACA is the agency designated or recognized to perform the following functions:

- **Serve as the Metropolitan Planning Organization (MPO), with responsibility for comprehensive cooperative and continuous planning for highways, public transit, and bikeways, as defined in the Transportation Equity Act for the 21st Century.**
- **Perform continuous water quality, transportation-related air quality and other environmental planning functions.**
- **Administer the area clearinghouse function, which includes providing local government with the opportunity to review a wide variety of local or state applications for federal funds.**
- **Conduct transportation and environmental planning and related demographic, economic and land use research.**
- **Serve as an information center for transportation and environmental and related planning.**
- **At NOACA Governing Board direction, provide transportation and environmental planning assistance to the 172 units of local, general purpose government.**

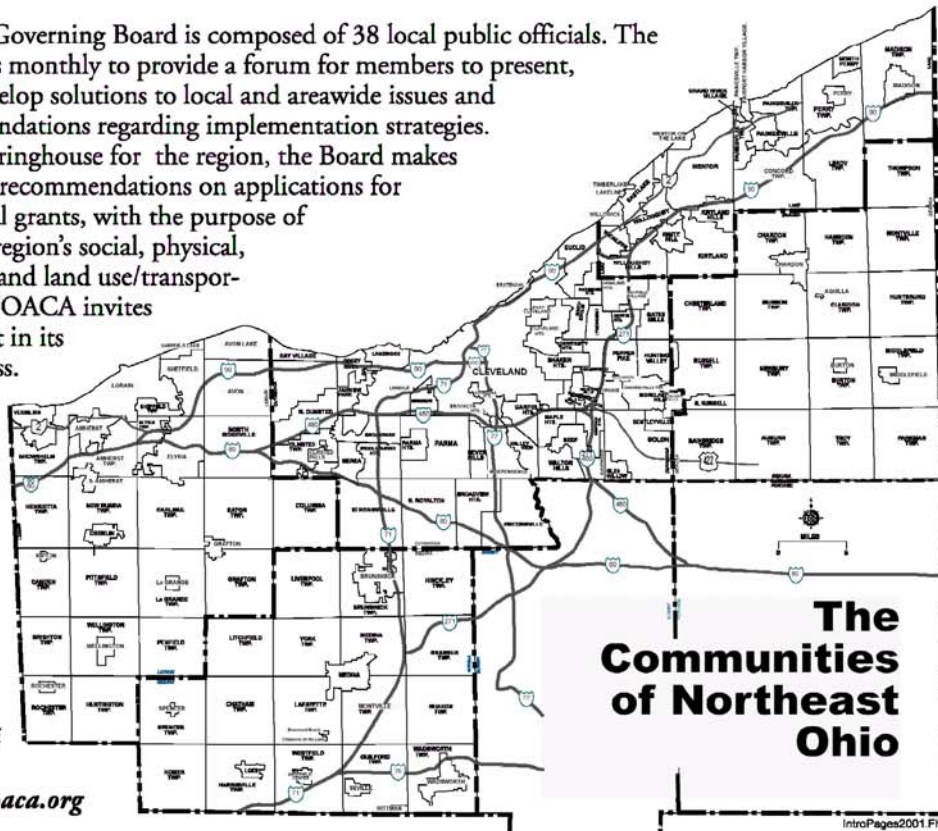
The NOACA Governing Board is composed of 38 local public officials. The Board convenes monthly to provide a forum for members to present, discuss and develop solutions to local and areawide issues and make recommendations regarding implementation strategies. As the area clearinghouse for the region, the Board makes comments and recommendations on applications for state and federal grants, with the purpose of enhancing the region's social, physical, environmental and land use/transportation fabric. NOACA invites you to take part in its planning process.

Feel free to participate, to ask questions and to learn more about areawide planning. For more information, call:

(216) 241-2414

or log on at:

<http://www.noaca.org>



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3) Author(s) Robert Layton, Bill Davis Contributors: Plan Forecast Team	4) Report Date December 2004
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**Certified
Community-Level
Population And Employment Allocations
of the
Northeast Ohio Areawide Coordinating Agency**

December 2004

Prepared by

NORTHEAST OHIO AREAWIDE COORDINATING AGENCY

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BOARD PRESIDENT

HOWARD R. MAIER
EXECUTIVE DIRECTOR

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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.

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: Howard Mauer

Date Signed: 12/20/04

**CUYAHOGA COUNTY
BASIC EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
CUYAHOGA COUNTY	295,695	235,100	213,007	203,288	193,405	183,489	173,573	165,396
CLEVELAND	132,646	87,391	74,483	66,458	58,683	51,218	43,929	37,504
WEST SHORE REGION								
Bay Village	502	497	473	474	473	471	465	463
Fairview Park	907	638	556	509	462	418	373	334
Lakewood	3,929	3,558	3,322	3,266	3,202	3,131	3,041	2,981
North Olmsted	1,725	2,362	2,379	2,505	2,614	2,706	2,771	2,852
Rocky River	2,256	1,595	1,392	1,276	1,162	1,052	942	848
Westlake	5,876	6,322	6,119	6,225	6,301	6,349	6,345	6,389
SOUTH WEST REGION								
Berea	2,729	3,008	2,925	2,987	3,035	3,068	3,076	3,106
Brook Park	11,813	9,558	8,676	8,295	7,907	7,517	7,099	6,765
Middleburg Hts.	4,033	5,407	5,428	5,702	5,937	6,135	6,271	6,445
Olmsted Falls	631	544	502	488	473	457	439	426
Olmsted Twp.	908	1,365	1,392	1,481	1,560	1,627	1,677	1,736
Strongsville	5,993	7,351	7,280	7,558	7,790	7,979	8,092	8,258
SOUTH CENTRAL REGION								
Brooklyn	6,027	5,134	4,723	4,577	4,423	4,264	4,084	3,948
Linndale	43	45	43	44	44	44	44	44
North Royalton	2,839	3,283	3,219	3,314	3,389	3,448	3,476	3,528
Parma	9,163	7,351	6,657	6,350	6,038	5,726	5,393	5,126
Parma Hts.	684	349	267	207	149	95	83	83
CUYAHOGA REGION								
Brecksville	3,376	2,616	2,346	2,216	2,085	1,956	1,821	1,710
Broadview Hts.	1,370	1,550	1,514	1,553	1,584	1,607	1,616	1,636
Brooklyn Hts.	2,408	2,580	2,495	2,537	2,566	2,584	2,581	2,597
Cuyahoga Hts.	5,627	5,930	5,717	5,795	5,846	5,873	5,853	5,879
Independence	6,202	4,770	4,269	4,023	3,777	3,533	3,282	3,073
Newburgh Hts	895	1,855	1,958	2,142	2,307	2,452	2,568	2,694
Seven Hills	686	375	297	241	187	137	89	46
Valley View	3,190	4,190	4,194	4,394	4,565	4,708	4,805	4,931
CHAGRIN SOUTHEAST REGION								
Bedford	2,403	1,761	1,554	1,442	1,332	1,224	1,115	1,022
Bedford Hts.	6,293	6,205	5,902	5,909	5,894	5,858	5,780	5,751
Bentleyville	12	32	34	38	42	45	47	50
Chagrin Falls Twp	0	0	0	0	0	0	0	0
Chagrin Falls	708	435	361	313	266	221	178	140
Garfield Hts.	3,389	3,319	3,153	3,152	3,140	3,117	3,072	3,054
Glenwillow	379	435	426	438	448	455	458	465
Highland Hills	100	68	59	53	47	42	37	32
Hunting Valley	72	73	70	70	70	70	70	70
Maple Hts.	3,390	1,501	1,061	718	394	90	416	415
Moreland Hills	113	135	133	138	141	144	146	149
North Randall	352	195	155	127	100	74	50	28
Oakwood	847	1,804	1,909	2,092	2,256	2,401	2,517	2,643
Orange	243	179	158	147	136	125	114	105
Solon	15,396	13,966	13,043	12,831	12,584	12,309	11,960	11,727
Walton Hills	3,779	3,360	3,123	3,058	2,986	2,908	2,814	2,747

**CUYAHOGA COUNTY
BASIC EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Warrensville Hts.	3,669	3,148	2,901	2,817	2,727	2,633	2,527	2,447
Woodmere	230	229	218	219	219	218	215	214
HEIGHTS REGION								
Cleveland Hts.	2,130	1,237	1,005	845	691	546	407	281
East Cleveland	2,422	2,203	2,059	2,027	1,989	1,946	1,892	1,856
Shaker Hts.	972	838	773	752	728	704	677	656
University Hts.	342	410	405	419	430	440	445	453
HILLCREST REGION								
Beachwood	4,506	3,417	3,046	2,858	2,671	2,486	2,297	2,139
Bratenahl	83	122	124	132	138	144	148	153
Euclid	12,999	8,821	7,595	6,857	6,139	5,447	4,766	4,171
Gates Mills	177	164	154	152	150	147	144	141
Highland Hts.	4,613	3,704	3,355	3,201	3,045	2,888	2,721	2,587
Lyndhurst	1,226	739	609	522	439	359	283	214
Mayfield Hts.	718	2,693	2,957	3,332	3,670	3,973	4,222	4,486
Mayfield	1,807	1,836	1,757	1,770	1,774	1,772	1,757	1,756
Pepper Pike	381	249	212	188	166	144	123	104
Richmond Hts.	853	1,153	1,159	1,219	1,270	1,313	1,343	1,381
South Euclid	1,476	1,045	912	837	762	691	619	557

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

NOTE: Basic employment includes the following categories: Agriculture, forestry, fishing, hunting & mining; Construction; Manufacturing; Wholesale Trade; Transportation & warehousing and utilities.

**CUYAHOGA COUNTY
RETAIL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
CUYAHOGA COUNTY	110,381	104,515	101,518	101,306	100,185	98,156	96,127	94,652
CLEVELAND	32,930	24,174	22,192	21,268	20,360	19,570	18,815	18,209
WEST SHORE REGION								
Bay Village	394	355	341	334	324	309	296	285
Fairview Park	1,718	1,328	1,256	1,230	1,197	1,162	1,127	1,100
Lakewood	3,111	2,602	2,496	2,446	2,376	2,268	2,167	2,087
North Olmsted	5,832	5,484	5,296	5,259	5,173	5,055	4,932	4,834
Rocky River	2,084	2,130	2,090	2,098	2,080	2,042	2,001	1,968
Westlake	2,427	4,054	4,445	4,777	4,969	5,012	5,027	5,041
SOUTH WEST REGION								
Berea	1,421	1,047	1,010	1,002	985	962	938	919
Brook Park	1,725	1,998	1,900	1,846	1,775	1,677	1,585	1,508
Middleburg Hts.	3,807	3,615	3,667	3,760	3,786	3,751	3,704	3,667
Olmsted Falls	174	309	340	366	382	385	387	388
Olmsted Twp.	370	739	849	937	992	1,010	1,021	1,030
Strongsville	2,322	5,368	5,545	5,844	6,094	6,238	6,388	6,583
SOUTH CENTRAL REGION								
Brooklyn	2,012	3,239	3,107	3,071	3,010	2,935	2,859	2,798
Linndale	29	44	37	37	37	37	36	36
North Royalton	1,010	1,130	1,167	1,230	1,283	1,313	1,345	1,386
Parma	7,476	6,185	5,850	5,728	5,575	5,412	5,251	5,122
Parma Hts.	1,290	1,035	1,010	1,011	1,000	980	959	942
CUYAHOGA REGION								
Brecksville	644	832	889	942	970	973	971	970
Broadview Hts.	568	895	925	974	1,016	1,040	1,065	1,098
Brooklyn Hts.	208	485	498	515	522	519	514	510
Cuyahoga Hts.	465	443	377	341	311	290	271	256
Independence	1,415	1,874	1,952	2,035	2,074	2,068	2,054	2,043
Newburgh Hts.	61	69	69	70	70	69	67	67
Seven Hills	432	510	484	476	464	451	438	428
Valley View	320	589	580	583	579	569	558	549
CHAGRIN SOUTHEAST REGION								
Bedford	1,561	1,834	1,759	1,724	1,675	1,598	1,528	1,471
Bedford Hts.	1,170	1,530	1,455	1,413	1,359	1,284	1,214	1,155
Bentleyville	4	4	5	6	6	6	6	6
Chagrin Falls Twp	0	0	0	0	0	0	0	0
Chagrin Falls	827	740	697	681	661	641	621	605
Garfield Hts.	1,557	1,533	1,441	1,405	1,363	1,321	1,279	1,246
Glenwillow	9	55	53	52	51	50	48	47
Highland Hills	1,152	129	118	112	107	102	98	95
Hunting Valley	14	10	9	8	8	7	7	7
Maple Hts.	2,440	1,724	1,617	1,573	1,524	1,475	1,428	1,389
Moreland Hills	126	115	110	108	106	103	100	98
North Randall	2,487	1,440	1,298	1,228	1,163	1,111	1,062	1,022
Oakwood	195	460	475	492	500	497	493	490
Orange	156	155	168	179	185	186	186	186
Solon	2,627	3,140	3,244	3,418	3,565	3,649	3,737	3,851

**CUYAHOGA COUNTY
RETAIL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Walton Hills	265	250	245	245	243	238	233	229
Warrensville Hts.	1,446	1,058	986	956	923	892	862	837
Woodmere	600	485	466	462	453	442	430	421
HEIGHTS REGION								
Cleveland Hts.	2,936	2,354	2,239	2,174	2,091	1,976	1,867	1,777
East Cleveland	620	448	426	414	398	376	355	338
Shaker Hts.	1,301	2,155	2,067	2,026	1,968	1,878	1,795	1,728
University Hts.	841	705	676	663	644	614	587	565
HILLCREST REGION								
Beachwood	2,693	3,229	3,471	3,688	3,806	3,823	3,821	3,820
Bratenahl	12	55	53	52	51	49	48	47
Euclid	3,293	2,287	2,134	2,070	2,000	1,933	1,868	1,816
Gates Mills	46	55	53	52	52	50	49	48
Highland Hts.	670	990	1,023	1,078	1,124	1,150	1,178	1,214
Lyndhurst	1,013	839	805	789	766	731	699	673
Mayfield Hts.	2,382	2,715	2,573	2,523	2,458	2,387	2,318	2,262
Mayfield	563	609	585	580	569	555	541	530
Pepper Pike	353	470	445	437	425	413	401	391
Richmond Hts.	1,408	1,264	1,357	1,440	1,485	1,491	1,490	1,489
South Euclid	1,369	1,145	1,095	1,080	1,057	1,029	1,002	979

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
SERVICE EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
CUYAHOGA COUNTY	327,869	408,318	407,498	423,170	433,677	437,158	440,640	446,292
CLEVELAND	166,474	183,119	175,063	176,291	176,285	175,198	174,218	174,265
WEST SHORE REGION								
Bay Village	1,581	1,837	1,835	1,890	1,917	1,892	1,871	1,861
Fairview Park	2,417	2,879	2,836	2,917	2,966	2,977	2,988	3,012
Lakewood	8,593	9,497	9,486	9,771	9,912	9,782	9,670	9,621
North Olmsted	4,753	6,324	6,360	6,636	6,819	6,889	6,953	7,043
Rocky River	4,110	5,692	5,817	6,135	6,355	6,450	6,537	6,645
Westlake	7,493	10,969	12,525	14,144	15,367	16,028	16,628	17,232
SOUTH WEST REGION								
Berea	4,762	5,513	5,536	5,771	5,926	5,985	6,037	6,114
Brook Park	2,756	3,955	3,917	3,998	4,016	3,923	3,835	3,771
Middleburg Hts.	5,740	9,209	9,727	10,481	11,025	11,292	11,534	11,801
Olmsted Falls	479	756	867	981	1,068	1,115	1,157	1,200
Olmsted Twp	848	1,939	2,321	2,691	2,974	3,131	3,274	3,415
Strongsville	3,746	7,674	8,255	9,142	9,958	10,539	11,163	11,890
SOUTH CENTRAL REGION								
Brooklyn	2,037	4,896	4,890	5,079	5,201	5,244	5,283	5,343
Linndale	50	45	39	42	44	45	45	46
North Royalton	2,126	3,577	3,848	4,261	4,641	4,913	5,203	5,542
Parma	12,754	15,231	15,003	15,434	15,691	15,752	15,806	15,934
Parma Hts.	2,725	3,216	3,270	3,437	3,551	3,599	3,642	3,698
CUYAHOGA REGION								
Brecksville	3,315	7,059	7,857	8,742	9,404	9,754	10,072	10,398
Broadview Hts.	1,586	3,071	3,304	3,658	3,985	4,218	4,467	4,758
Brooklyn Hts.	541	1,570	1,680	1,825	1,931	1,984	2,032	2,084
Cuyahoga Hts.	525	1,097	973	924	881	850	821	801
Independence	5,748	10,552	11,446	12,539	13,345	13,759	14,135	14,531
Newburgh Hts.	150	170	176	188	196	200	203	207
Seven Hills	1,230	1,948	1,927	1,987	2,025	2,035	2,045	2,063
Valley View	811	2,946	3,020	3,192	3,311	3,364	3,412	3,470
CHAGRIN SOUTHEAST REGION								
Bedford	2,329	3,246	3,242	3,340	3,388	3,343	3,305	3,289
Bedford Hts.	1,416	1,924	1,905	1,945	1,954	1,908	1,866	1,835
Bentleyville	2	103	131	157	177	189	199	209
Chagrin Falls Twp.	6	0	0	0	0	0	0	0
Chagrin Falls	1,626	1,775	1,742	1,787	1,813	1,817	1,822	1,835
Garfield Hts.	4,019	5,269	5,159	5,284	5,355	5,365	5,374	5,410
Glenwillow	22	338	337	349	357	360	362	366
Highland Hills	3,542	1,410	1,338	1,341	1,335	1,324	1,313	1,311
Hunting Valley	230	243	224	219	215	210	207	204
Maple Hts.	3,029	3,058	2,986	3,053	3,089	3,092	3,095	3,114
Moreland Hills	329	310	308	318	325	327	329	332
North Randall	943	944	886	881	872	861	851	847
Oakwood	445	785	844	919	975	1,003	1,028	1,056
Orange	627	785	884	991	1,071	1,114	1,153	1,192
Solon	4,771	7,378	7,937	8,789	9,573	10,133	10,732	11,432

**CUYAHOGA COUNTY
SERVICE EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Walton Hills	448	730	744	783	810	821	831	845
Warrensville Hts.	3,736	3,913	3,799	3,868	3,902	3,898	3,895	3,912
Woodmere	663	1,340	1,342	1,397	1,432	1,443	1,454	1,470
HEIGHTS REGION								
Cleveland Hts.	6,344	6,613	6,549	6,684	6,715	6,559	6,413	6,306
East Cleveland	3,737	3,684	3,648	3,724	3,741	3,654	3,573	3,513
Shaker Hts.	4,622	6,139	6,132	6,316	6,407	6,323	6,251	6,219
University Hts.	2,692	2,944	2,941	3,029	3,073	3,032	2,998	2,983
HILLCREST REGION								
Beachwood	8,540	13,505	15,118	16,877	18,197	18,898	19,535	20,185
Bratenahl	141	224	223	231	236	238	239	242
Euclid	7,990	7,798	7,578	7,722	7,794	7,789	7,785	7,822
Gates Mills	979	477	478	498	511	516	520	527
Highland Hts.	1,295	3,123	3,359	3,720	4,052	4,289	4,543	4,839
Lyndhurst	2,580	3,279	3,275	3,374	3,422	3,377	3,339	3,322
Mayfield Hts.	3,848	7,384	7,288	7,507	7,640	7,674	7,705	7,771
Mayfield	2,322	6,597	6,604	6,869	7,042	7,105	7,162	7,247
Pepper Pike	2,044	2,387	2,355	2,426	2,469	2,479	2,489	2,510
Richmond Hts.	2,241	2,590	2,895	3,228	3,478	3,611	3,732	3,855
South Euclid	2,961	3,282	3,268	3,386	3,462	3,487	3,510	3,547

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

NOTE: Service employment includes the following categories: Information; Finance, insurance real estate and rental and leasing; Professional, scientific, management, administration and waste; Educational, health and social services; Arts, entertainment, recreation, accommodation and food service; Other services and Public Administration.

**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

**CUYAHOGA COUNTY
TOTAL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
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
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

**CUYAHOGA COUNTY
TOTAL POPULATION**

	1990	2000	2005	2010	2015	2020	2025	2030
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
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
BASIC EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Geauga County	12,577	15,588	14,787	16,262	17,682	19,022	20,360	21,702
Auburn Twp.	42	779	770	879	1,071	1,259	1,434	1,610
Bainbridge Twp.	1,690	1,350	1,249	1,341	1,326	1,305	1,289	1,272
Burton Village	668	294	256	258	190	122	122	122
Burton Twp.	366	1,053	1,024	1,153	1,347	1,534	1,710	1,886
Chardon City	1,714	2,058	1,949	2,141	2,304	2,457	2,603	2,749
Chardon Twp.	604	129	96	78	78	78	78	79
Chester Twp.	1,286	864	789	835	782	725	673	622
Claridon Twp.	65	188	183	206	241	274	306	337
Hambden Twp.	38	149	146	165	195	225	252	280
Huntsburg Twp.	11	122	120	137	166	195	221	248
Middlefield Village	2,502	4,282	4,112	4,575	5,143	5,688	6,203	6,719
Middlefield Twp.	540	763	728	805	886	963	1,036	1,109
Montville Twp.	32	151	148	168	200	231	260	290
Munson Twp.	461	615	585	646	705	762	816	870
Newbury Twp.	1,738	1,525	1,420	1,534	1,554	1,567	1,582	1,598
Parkman Twp.	96	248	241	270	314	356	395	435
Russell Twp.	273	163	147	154	137	120	105	89
S.Russell Village	292	313	295	322	340	357	373	389
Thompson Twp.	119	149	141	156	168	181	192	204
Troy Twp.	40	393	387	441	534	625	710	795

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

NOTE: Basic employment includes the following categories: Agriculture, forestry, fishing, hunting & mining; Construction; Manufacturing; Wholesale Trade; Transportation & warehousing and utilities.

**GEAUGA COUNTY
RETAIL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Geauga County	3,814	4,894	5,281	5,835	6,360	6,847	7,333	7,882
Auburn Twp.	7	70	86	103	119	133	146	160
Bainbridge Twp.	593	1,015	1,099	1,218	1,329	1,433	1,536	1,651
Burton Village	221	145	154	168	181	194	207	221
Burton Twp.	96	188	195	209	223	236	251	267
Chardon City	678	1,024	1,123	1,256	1,379	1,493	1,605	1,730
Chardon Twp.	132	20	22	25	27	30	32	35
Chester Twp.	811	585	598	632	670	704	743	789
Claridon Twp.	0	29	30	33	35	38	40	43
Hambden Twp.	8	63	70	80	88	96	104	113
Huntsburg Twp.	7	10	11	13	14	16	17	18
Middlefield Village	509	734	810	910	1,001	1,087	1,170	1,262
Middlefield Twp.	114	100	106	116	125	134	142	153
Montville Twp.	0	56	62	70	77	83	90	97
Munson Twp.	119	288	311	343	374	403	431	464
Newbury Twp.	299	270	281	302	324	344	365	389
Parkman Twp.	17	45	49	55	60	65	70	75
Russell Twp.	58	35	36	38	40	42	44	47
S.Russell Village	130	65	72	81	89	97	104	112
Thompson Twp.	15	103	109	119	129	137	147	157
Troy Twp.	0	49	57	67	75	83	90	98

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
SERVICE EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Geauga County	8,235	13,969	15,926	17,865	19,699	21,323	22,947	24,782
Auburn Twp.	47	439	568	696	471	489	512	542
Bainbridge Twp.	1,253	2,158	2,469	2,776	3,001	3,237	3,475	3,745
Burton Village	456	263	295	326	383	417	450	486
Burton Twp.	205	360	395	429	552	606	658	715
Chardon City	1,369	2,628	3,044	3,456	3,554	3,815	4,084	4,391
Chardon Twp.	333	248	289	330	330	353	378	406
Chester Twp.	1,481	1,628	1,757	1,886	2,589	2,863	3,121	3,406
Claridon Twp.	6	296	328	361	441	482	521	565
Hambden Twp.	43	296	350	403	384	409	436	467
Huntsburg Twp.	24	161	192	223	204	217	231	247
Middlefield Village	373	1,060	1,235	1,409	1,415	1,515	1,620	1,740
Middlefield Twp.	198	116	130	144	169	184	198	215
Montville Twp.	18	99	115	132	132	141	151	162
Munson Twp.	909	2,024	2,307	2,587	2,837	3,064	3,292	3,551
Newbury Twp.	772	797	878	957	1,209	1,325	1,436	1,560
Parkman Twp.	18	81	94	106	110	119	127	137
Russell Twp.	294	610	656	701	980	1,086	1,185	1,295
S.Russell Village	315	415	485	553	551	590	631	677
Thompson Twp.	74	148	166	183	216	235	253	274
Troy Twp.	47	142	175	207	169	178	188	200

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

NOTE: Service employment includes the following categories: Information; Finance, insurance real estate and rental and leasing; Professional, scientific, management, administration and waste; Educational, health and social services; Arts, entertainment, recreation, accommodation and food service; Other services and Public Administration.

**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
BASIC EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lake County	41,576	42,894	44,504	47,365	50,092	52,633	55,174	58,115
Concord Twp.	515	1,492	2,010	2,616	3,113	3,595	4,082	4,606
Eastlake City	4,306	4,088	4,108	4,243	4,319	4,379	4,433	4,518
Fairport Harbor Village	515	450	437	436	431	424	416	411
Grand River Village	324	240	214	195	176	156	135	115
Kirtland City	337	488	557	641	709	775	840	912
Kirtland Hills Village	28	30	31	34	36	37	39	41
Lakeline Village	0	0	0	0	0	0	0	0
Leroy Twp.	13	110	149	192	229	264	300	338
Madison Village	158	634	943	1,310	1,609	1,898	2,190	2,505
Madison Twp.	1,179	1,012	1,089	1,228	1,327	1,417	1,504	1,611
Mentor City	10,295	13,102	13,791	14,684	15,390	16,062	16,737	17,485
Mentor-on-the-Lake City	68	150	184	224	257	289	321	355
North Perry Village	231	139	108	80	54	29	28	27
Painesville City	3,301	3,400	3,637	4,006	4,280	4,534	4,785	5,079
Painesville Twp.	4,992	2,584	1,860	1,219	1,314	1,400	1,483	1,586
Perry Village	226	174	159	148	137	126	114	102
Perry Twp.	1,478	2,015	2,381	2,845	3,215	3,569	3,924	4,315
Timberlake Village	5	18	23	29	34	39	44	49
Waite Hill Village	160	27	27	27	27	27	27	28
Wickliffe City	5,506	4,905	4,802	4,833	4,811	4,771	4,722	4,706
Willoughby City	6,820	7,067	7,335	7,810	8,149	8,457	8,760	9,126
Willoughby Hills City	806	523	430	349	274	197	118	41
Willowick City	313	246	227	214	201	187	172	158

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

NOTE: Basic employment includes the following categories: Agriculture, forestry, fishing, hunting & mining; Construction; Manufacturing; Wholesale Trade; Transportation & warehousing and utilities.

**LAKE COUNTY
RETAIL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lake County	16,826	19,072	20,940	22,675	24,280	25,726	27,171	28,835
Concord Twp.	135	330	453	565	667	736	819	915
Eastlake City	905	1,270	1,343	1,413	1,487	1,601	1,689	1,790
Fairport Harbor Village	131	80	89	97	104	110	116	123
Grand River Village	57	105	121	135	147	153	161	171
Kirtland City	210	149	169	189	204	214	225	238
Kirtland Hills Village	13	10	11	11	12	13	13	14
Lakeline Village	0	10	10	9	9	10	11	12
Leroy Twp.	0	64	75	85	92	96	101	107
Madison Village	33	165	256	339	419	480	550	630
Madison Twp.	788	934	1,156	1,381	1,516	1,646	1,728	1,832
Mentor City	6,831	8,442	8,835	9,187	9,553	9,859	10,203	10,594
Mentor-on-the-Lake City	301	275	294	313	331	354	374	396
North Perry Village	16	4	4	5	5	5	6	6
Painesville City	1,252	744	904	1,052	1,186	1,289	1,402	1,531
Painesville Twp.	1,307	1,087	1,306	1,509	1,686	1,807	1,947	2,108
Perry Village	22	70	81	91	99	103	109	115
Perry Twp.	53	300	420	530	631	697	778	871
Timberlake Village	10	0	0	0	0	0	0	0
Waite Hill Village	7	8	9	9	10	10	11	12
Wickliffe City	1,227	995	1,036	1,075	1,124	1,218	1,286	1,364
Willoughby City	1,787	2,410	2,641	2,849	3,066	3,249	3,455	3,689
Willoughby Hills City	628	720	784	844	898	956	1,008	1,068
Willowick City	1,113	900	944	986	1,034	1,117	1,179	1,250

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
SERVICE EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lake County	29,091	40,870	46,190	50,711	54,850	58,325	61,800	65,782
Concord Twp.	715	1,815	2,297	2,717	3,073	3,274	3,523	3,810
Eastlake City	1,481	1,991	2,155	2,288	2,428	2,628	2,783	2,961
Fairport Harbor Village	264	330	375	414	447	475	503	534
Grand River Village	64	74	87	98	108	113	120	127
Kirtland City	1,068	1,564	1,821	2,047	2,233	2,353	2,486	2,640
Kirtland Hills Village	153	61	66	70	74	80	85	90
Lakeline Village	0	0	0	0	0	0	0	0
Leroy Twp.	16	181	216	247	272	284	300	319
Madison Village	243	701	946	1,154	1,345	1,476	1,626	1,798
Madison Twp.	1,473	1,676	2,121	2,543	2,800	3,041	3,189	3,373
Mentor City	6,741	11,833	12,537	13,108	13,704	14,192	14,731	15,339
Mentor-on-the-Lake City	341	450	493	529	564	607	643	684
North Perry Village	36	53	59	64	68	73	77	82
Painesville City	4,899	5,115	6,022	6,805	7,483	7,971	8,490	9,088
Painesville Twp.	2,199	1,715	2,121	2,471	2,779	2,989	3,225	3,496
Perry Village	43	289	342	389	426	447	472	501
Perry Twp.	443	449	661	841	1,006	1,116	1,245	1,393
Timberlake Village	6	22	23	25	26	28	30	32
Waite Hill Village	160	64	70	75	80	86	91	97
Wickliffe City	2,147	3,027	3,226	3,380	3,564	3,881	4,113	4,377
Willoughby City	4,865	6,759	7,581	8,254	8,959	9,542	10,186	10,914
Willoughby Hills City	840	1,719	1,915	2,081	2,234	2,391	2,530	2,689
Willowick City	894	982	1,054	1,112	1,176	1,276	1,352	1,439

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

NOTE: Service employment includes the following categories: Information; Finance, insurance real estate and rental and leasing; Professional, scientific, management, administration and waste; Educational, health and social services; Arts, entertainment, recreation, accommodation and food service; Other services and Public Administration.

**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
BASIC EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lorain County	45,312	42,639	39,370	40,165	40,878	41,488	42,099	43,051
Amherst City	1,528	1,469	1,356	1,384	1,408	1,429	1,450	1,483
Amherst Twp.	307	668	617	629	640	650	660	674
Avon City	1,153	2,450	2,262	2,308	2,349	2,384	2,419	2,474
Avon Lake City	5,658	5,210	4,811	4,908	4,995	5,069	5,144	5,260
Brighton Twp.	37	12	11	11	12	12	12	12
Brownhelm Twp.	40	129	119	122	124	126	127	130
Camden Twp.	437	98	90	92	94	95	97	99
Carlisle Twp.	1,207	626	578	590	600	609	618	632
Columbia Twp.	109	675	623	636	647	657	666	682
Eaton Twp.	996	415	383	391	398	404	410	419
Elyria City	11,381	11,162	10,306	10,514	10,701	10,861	11,021	11,270
Elyria Twp.	1,086	483	446	455	463	470	477	488
Grafton Village	474	545	503	513	522	530	538	550
Grafton Twp.	17	145	134	137	139	141	143	146
Henrietta Twp.	31	102	94	96	98	99	101	103
Huntington Twp.	34	142	131	134	136	138	140	143
Lagrange Village	344	560	517	528	537	545	553	565
Lagrange Twp.	49	197	182	186	189	192	195	199
Lorain City	14,510	8,921	8,237	8,403	8,552	8,680	8,808	9,007
New Russia Twp.	76	411	379	387	394	400	406	415
North Ridgeville City	2,006	2,416	2,231	2,276	2,316	2,351	2,385	2,439
Oberlin City	892	1,816	1,677	1,711	1,741	1,767	1,793	1,834
Penfield Twp.	20	255	235	240	244	248	252	257
Pittsfield Twp.	13	99	91	93	95	96	98	100
Rochester Twp.	36	39	36	37	37	38	39	39
Sheffield Village	306	875	808	824	839	851	864	883
Sheffield Lake City	214	219	202	206	210	213	216	221
Sheffield Twp.	1,217	448	414	422	429	436	442	452
South Amherst Village	85	134	124	126	128	130	132	135
Vermilion City (part)	105	275	254	259	264	268	272	278
Wellington Village	931	1,450	1,339	1,366	1,390	1,411	1,432	1,464
Wellington Twp.	13	193	178	182	185	188	191	195

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

NOTE: Basic employment includes the following categories: Agriculture, forestry, fishing, hunting & mining; Construction; Manufacturing; Wholesale Trade; Transportation & warehousing and utilities.

**LORAIN COUNTY
RETAIL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lorain County	17,005	16,768	17,150	17,988	18,700	19,273	19,845	20,562
Amherst City	1,242	1,440	1,442	1,490	1,525	1,555	1,584	1,628
Amherst Twp.	83	235	238	248	255	262	268	276
Avon City	254	518	629	728	833	913	995	1,070
Avon Lake City	851	786	831	888	942	984	1,026	1,072
Brighton Twp.	0	0	0	0	0	0	0	0
Brownhelm Twp.	6	29	31	34	36	38	40	41
Camden Twp.	104	8	8	8	8	9	9	9
Carlisle Twp.	357	265	264	271	276	281	285	292
Columbia Twp.	6	149	151	158	163	167	171	177
Eaton Twp.	281	175	173	178	180	182	185	189
Elyria City	5,245	5,978	5,949	6,127	6,244	6,346	6,445	6,614
Elyria Twp.	699	190	187	191	193	195	196	201
Grafton Village	241	0	0	0	0	0	0	0
Grafton Twp.	8	4	4	5	5	5	6	6
Henrietta Twp.	6	30	30	32	33	33	34	35
Huntington Twp.	0	39	40	42	44	45	47	48
Lagrange Village	78	180	180	186	191	194	198	203
Lagrange Twp.	5	30	32	34	36	38	39	41
Lorain City	3,476	2,350	2,391	2,498	2,586	2,657	2,727	2,819
New Russia Twp.	0	40	40	42	43	44	45	46
North Ridgeville City	1,162	1,042	1,136	1,237	1,338	1,415	1,493	1,571
Oberlin City	568	769	766	798	820	843	864	898
Penfield Twp.	0	25	27	29	31	33	35	36
Pittsfield Twp.	0	14	14	14	15	15	15	16
Rochester Twp.	15	4	3	3	3	2	2	2
Sheffield Village	395	679	759	837	918	980	1,042	1,103
Sheffield Lake City	312	265	261	267	271	274	276	282
Sheffield Twp.	562	610	628	660	688	711	733	760
South Amherst Village	41	15	15	16	16	17	17	18
Vermilion City (part)	532	454	463	484	502	516	531	549
Wellington Village	476	425	438	461	482	498	514	534
Wellington Twp.	0	20	21	22	23	24	24	25

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
SERVICE EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Lorain County	37,191	48,200	50,704	53,420	55,551	56,845	58,138	59,774
Amherst City	1,514	2,479	2,551	2,646	2,707	2,736	2,766	2,819
Amherst Twp.	94	438	456	476	490	498	506	518
Avon City	931	2,002	2,501	2,901	3,318	3,608	3,902	4,158
Avon Lake City	1,637	2,274	2,470	2,649	2,809	2,910	3,012	3,118
Brighton Twp.	3	48	52	55	58	60	62	64
Brownhelm Twp.	11	71	78	85	91	94	98	102
Camden Twp.	100	77	79	82	83	84	85	86
Carlisle Twp.	845	1,207	1,235	1,275	1,298	1,307	1,316	1,338
Columbia Twp.	50	614	640	670	691	703	715	732
Eaton Twp.	784	1,387	1,411	1,452	1,472	1,478	1,485	1,506
Elyria City	10,271	12,442	12,727	13,152	13,395	13,502	13,609	13,844
Elyria Twp.	754	1,284	1,299	1,331	1,343	1,345	1,347	1,363
Grafton Village	558	660	704	769	819	863	903	955
Grafton Twp.	11	88	99	108	117	122	128	134
Henrietta Twp.	10	147	153	160	165	168	170	174
Huntington Twp.	15	32	34	36	37	38	39	40
Lagrange Village	232	369	380	394	403	407	411	419
Lagrange Twp.	7	121	132	141	150	155	161	166
Lorain City	10,392	10,853	11,353	11,898	12,311	12,543	12,778	13,091
New Russia Twp.	45	154	159	166	170	172	174	178
North Ridgeville City	1,929	2,780	3,115	3,403	3,678	3,858	4,040	4,216
Oberlin City	3,915	4,268	4,368	4,570	4,691	4,782	4,865	5,013
Penfield Twp.	6	55	61	66	71	74	77	80
Pittsfield Twp.	16	226	232	241	246	248	251	255
Rochester Twp.	22	32	27	25	21	19	16	15
Sheffield Village	353	950	1,091	1,208	1,324	1,401	1,479	1,552
Sheffield Lake City	352	480	487	500	505	507	508	515
Sheffield Twp.	1,134	1,224	1,295	1,366	1,424	1,458	1,492	1,534
South Amherst Village	210	163	170	178	184	187	191	195
Vermilion City (part)	316	362	379	398	413	421	429	440
Wellington Village	664	834	883	933	974	999	1,024	1,054
Wellington Twp.	10	79	84	89	93	95	98	101

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

NOTE: Service employment includes the following categories: Information; Finance, insurance real estate and rental and leasing; Professional, scientific, management, administration and waste; Educational, health and social services; Arts, entertainment, recreation, accommodation and food service; Other services and Public Administration.

**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
BASIC EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Medina County	16,913	22,086	20,804	22,711	24,543	26,268	27,992	29,908
Brunswick City	1,112	1,962	1,940	2,135	2,405	2,664	2,898	3,152
Brunswick Hills Twp.	555	291	282	295	251	205	163	122
Chatham Twp.	53	97	102	113	128	143	156	171
Granger Twp.	39	677	699	782	957	1,127	1,281	1,444
Guilford Twp.	656	570	288	298	234	168	108	48
Harrisville Twp.	54	156	129	143	165	186	206	227
Hinckley Twp.	61	500	460	513	620	725	819	919
Homer Twp.	88	58	59	63	60	56	53	50
Lafayette Twp.	330	1,302	1,242	1,381	1,636	1,883	2,106	2,345
Litchfield Twp.	40	95	53	58	64	69	73	79
Liverpool Twp.	2,989	3,225	3,195	3,473	3,671	3,853	4,014	4,203
Lodi Village	570	464	408	436	421	405	389	376
Medina City	5,525	5,705	5,380	5,830	6,058	6,260	6,437	6,657
Medina Twp.	943	768	495	521	449	376	308	242
Montville Twp.	1,047	408	348	351	219	86	82	80
Seville Village	0	455	435	488	602	712	813	919
Sharon Twp.	63	1,054	1,098	1,230	1,503	1,770	2,012	2,268
Spencer Twp.	555	218	187	189	120	50	47	44
Wadsworth City	2,033	2,199	2,085	2,263	2,375	2,476	2,565	2,672
Wadsworth Twp.	15	1,389	1,433	1,607	1,978	2,341	2,670	3,017
Westfield Twp.	153	161	163	177	187	196	205	214
Westfield Center Village	0	79	85	95	117	139	159	179
York Twp.	32	253	239	267	323	377	427	479

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

NOTE: Basic employment includes the following categories: Agriculture, forestry, fishing, hunting & mining; Construction; Manufacturing; Wholesale Trade; Transportation & warehousing and utilities.

**MEDINA COUNTY
RETAIL EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Medina County	8,327	10,285	11,030	12,261	13,434	14,528	15,622	16,850
Brunswick City	1,254	1,735	1,774	1,887	2,060	2,221	2,391	2,581
Brunswick Hills Twp.	555	134	179	234	265	295	314	337
Chatham Twp.	0	14	15	17	19	21	22	22
Granger Twp.	6	130	131	138	154	169	200	235
Guilford Twp.	184	84	85	90	96	101	108	115
Harrisville Twp.	8	340	391	460	514	566	515	461
Hinckley Twp.	19	284	318	366	396	422	426	431
Homer Twp.	0	0	0	0	0	0	0	0
Lafayette Twp.	166	98	116	139	166	194	213	235
Litchfield Twp.	6	23	26	31	33	34	37	40
Liverpool Twp.	769	214	224	244	266	286	306	329
Lodi Village	267	380	473	589	637	682	578	467
Medina City	2,505	2,858	2,943	3,153	3,357	3,532	3,709	3,910
Medina Twp.	274	1,099	1,276	1,512	1,684	1,848	2,170	2,523
Montville Twp.	270	390	488	609	737	865	983	1,114
Seville Village	0	180	194	217	231	245	272	303
Sharon Twp.	23	175	181	195	216	236	271	310
Spencer Twp.	543	24	27	30	34	37	40	44
Wadsworth City	1,418	1,735	1,761	1,860	2,022	2,171	2,432	2,720
Wadsworth Twp.	6	225	240	266	287	306	328	353
Westfield Twp.	0	89	102	119	142	165	153	141
Westfield Center Village	54	25	28	32	32	33	39	45
York Twp.	0	49	60	74	87	100	116	133

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
SERVICE EMPLOYMENT**

	1990	2000	2005	2010	2015	2020	2025	2030
Medina County	15,679	22,918	24,569	27,646	30,569	33,172	35,775	38,710
Brunswick City	1,741	3,585	3,691	4,002	4,429	4,810	5,145	5,526
Brunswick Hills Twp.	583	199	268	357	409	458	486	518
Chatham Twp.	5	55	60	68	78	87	88	91
Granger Twp.	22	864	878	941	1,062	1,174	1,387	1,620
Guilford Twp.	273	157	160	172	186	199	209	222
Harrisville Twp.	56	85	98	118	134	148	134	120
Hinckley Twp.	39	424	478	562	615	661	662	667
Homer Twp.	19	41	44	51	58	65	67	69
Lafayette Twp.	233	410	488	597	724	851	930	1,019
Litchfield Twp.	0	152	174	207	224	238	255	275
Liverpool Twp.	1,458	542	572	635	701	759	808	863
Lodi Village	457	460	576	731	803	865	728	586
Medina City	5,283	7,375	7,650	8,352	9,011	9,554	9,967	10,452
Medina Twp.	547	1,567	1,832	2,213	2,498	2,762	3,222	3,728
Montville Twp.	499	540	680	866	1,061	1,255	1,418	1,598
Seville Village	0	355	385	438	475	505	559	619
Sharon Twp.	37	367	382	419	471	518	592	673
Spencer Twp.	767	64	72	83	94	104	112	122
Wadsworth City	2,584	3,153	3,223	3,469	3,823	4,136	4,603	5,121
Wadsworth Twp.	19	255	274	309	338	363	387	414
Westfield Twp.	1,040	575	661	789	954	1,117	1,031	945
Westfield Center Village	0	1,393	1,550	1,802	1,868	1,902	2,245	2,621
York Twp.	17	300	370	466	554	641	737	843

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

NOTE: Service employment includes the following categories: Information; Finance, insurance real estate and rental and leasing; Professional, scientific, management, administration and waste; Educational, health and social services; Arts, entertainment, recreation, accommodation and food service; Other services and Public Administration.

**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