

ALPENA COUNTY PROFILE

Produced by NEMCOG: 1995 (update 1/23/01)

POPULATION

ALPENA COUNTY POPULATION 1960-1990

	% Dif/		% Dif/		% Dif/		Mich. % Growth	
	1,960	1,970	1,960*	1,980	1,970*	1,990	1,980*	1980 to 1990
	28,556	30,708	7.5%	32,315	5.2%	30,605	-5.3%	0.35%

*Figures show percent difference from year indicated.

Source: U.S. Bureau of the Census

ALPENA COUNTY 1990 POPULATION BY AGE

	#	%
Under 5	2,005	6.6%
5-17	6,061	19.8%
18-20	1,236	4.0%
21-24	1,219	4.0%
25-44	8,879	29.0%
45-54	3,423	11.2%
55-59	1,598	5.2%
60-64	1,591	5.2%
65-74	2,622	8.6%
75-84	1,521	5.0%
85+	450	1.5%
Total	30,605	

Source: U.S. Bureau of the Census

ALPENA COUNTY 1999 POPULATION ESTIMATE BY AGE

	#	%
Under 5	1,740	5.7%
5-17	6,132	20.0%
18-24	2,084	6.8%
25-44	8,334	27.2%
45-64	7,607	24.8%
65+	4,718	15.4%
Total	30,615	

Source: U.S. Bureau of the Census

Note: These figures are estimates and should be used with caution.

ALPENA COUNTY MEDIAN AGE 1970-1990

	1,970	1,980	1,990	Mich.: 1990
	24.9	29.5	35.3	33

Source: U.S. Bureau of the Census

ALPENA COUNTY POPULATION BY SEX 1970 - 1990

	1970		1980		1990	
	Male	Female	Male	Female	Male	Female
#	15,018	15,690	15,770	16,545	14,845	15,760
%	48.9%	51.1%	48.8%	51.2%	48.5%	51.5%

Source: U.S. Bureau of the Census

ALPENA COUNTY POPULATION BY COUNTY, CITY, TOWNSHIP, VILLAGE: 1990 - 1999

Area Name	Census*		Estimated Population**		July 1995	July 1996	July 1997	July 1998	July 1999	% Dif***
	April 1990	July 1992	July 1993	July 1994						
Alpena Co.	30,605	30,885	30,933	30,593	30,642	30,746	30,573	30,405	30,615	0.0%
Alpena City	11,354	11,544	11,580	11,484	11,529	11,589	11,581	11,581	11,573	1.9%
Alpena Twp	9,602	9,696	9,739	9,647	9,686	9,756	9,757	9,691	9,817	2.2%
Green Twp	1,095	1,083	1,078	1,059	1,053	1,049	1,037	1,018	1,008	-7.9%
Long Rapids Twp	1,021	1,026	1,025	1,007	1,001	997	986	968	958	-6.2%
Maple Ridge Twp	1,514	1,517	1,521	1,513	1,523	1,527	1,515	1,492	1,522	0.5%
Ossineke Twp	1,652	1,652	1,644	1,614	1,605	1,599	1,580	1,551	1,566	-5.2%
Sanborn Twp	2,196	2,186	2,176	2,137	2,125	2,117	2,093	2,054	2,066	-5.9%
Wellington Twp	269	266	265	260	258	258	255	250	252	-6.3%
Wilson Twp	1,902	1,915	1,905	1,872	1,862	1,854	1,833	1,800	1,853	-2.6%

* Source: 1990 Census - U.S. Bureau of the Census

** Source: Population estimates developed through the Federal-State Cooperative Program for population estimates.

Released 10/00. Population estimates are approximations, and are subject to error.

*** Figure shows percentage difference between 1990 and the latest year indicated (1999)

**** Population for villages are also counted within the township(s) in which the village is located.

ALPENA COUNTY POPULATION BY RACE: 1980-1999

	Total		White		Black		American Indian		Asian	
	#	%	#	%	#	%	#	%	#	%
1980	32,315	99.4%	32,134	99.4%	19	0.1%	83	0.3%	33	0.1%
1990	30,605	99.2%	30,372	99.2%	35	0.1%	93	0.3%	85	0.3%
1999***	30,615	99.2%	30,362	99.2%	51	0.2%	89	0.3%	113	0.4%

	Other Race		Hispanic Origin		Total Minority**	
	#	%	#	%	#	%
1980	46	0.1%	79	0.2%	181	0.6%
1990	20	0.1%	145	0.5%	233	0.8%
1999***	***	N/A	188	0.6%	253	0.8%

* People of Hispanic (Spanish) Origin may be of any race. ** Excludes Hispanic (Spanish) Origin. Source: U.S. Bureau of the Census

*** Data for 1999 are population estimates and should be used with caution. In 1999 persons of "other race" were counted elsewhere.

ALPENA COUNTY POPULATION PROJECTIONS

	1940	1950	1960	1970	1980	1990	2000*	2010*	1940-2010
Population	20,766	22,189	28,556	30,708	32,315	30,605	34,253	35,319	
% Difference**		+6.9%	+28.7%	+7.5%	+5.2%	-5.3%	+11.9%	+3.1%	+70.1%

* Projected population. All other figures are actual population counts.

** Figures shows the percent difference from last decennial year.

Source: Actual population - US Census Bureau; Projected population by NEMCOG

ALPENA COUNTY POPULATION FORECAST

	1991	1992	1993	1994	1995	2000	2005	2010	2015	2020
Civilian Males	14,834	14,944	15,100	15,270	15,441	15,940	16,524	17,042	17,344	17,431
0-4	1,055	1,079	1,103	1,120	1,133	1,158	1,195	1,193	1,158	1,128
5-15	2,521	2,509	2,500	2,497	2,472	2,409	2,577	2,645	2,651	2,559
16-17	438	433	450	476	513	426	445	470	478	481
18-24	1,524	1,543	1,572	1,558	1,515	1,630	1,401	1,406	1,480	1,488
25-34	2,073	2,044	2,008	2,006	2,025	2,399	2,595	2,536	2,308	2,254
35-44	2,180	2,204	2,251	2,327	2,456	2,230	2,043	2,430	2,598	2,483
45-54	1,602	1,669	1,730	1,778	1,784	2,063	2,410	2,196	2,007	2,363
55-64	1,526	1,515	1,503	1,503	1,519	1,509	1,670	1,938	2,262	2,042
65-74	1,195	1,212	1,227	1,232	1,229	1,230	1,235	1,236	1,381	1,598
75+	720	737	756	773	796	886	953	991	1,021	1,036
Civ Females	15,745	15,822	15,949	16,087	16,222	16,614	17,098	17,526	17,755	17,789
0-4	1,036	1,048	1,064	1,076	1,088	1,113	1,149	1,147	1,113	1,084
5-15	2,390	2,380	2,376	2,383	2,373	2,359	2,475	2,543	2,550	2,461
16-17	448	443	442	451	469	414	438	451	460	463
18-24	1,424	1,442	1,484	1,484	1,460	1,513	1,386	1,415	1,453	1,463
25-34	2,133	2,082	2,033	2,017	2,020	2,205	2,353	2,318	2,189	2,151
35-44	2,271	2,306	2,356	2,408	2,482	2,295	2,052	2,250	2,374	2,288
45-54	1,691	1,754	1,806	1,848	1,857	2,165	2,461	2,281	2,035	2,212
55-64	1,627	1,603	1,588	1,591	1,612	1,632	1,786	2,088	2,367	2,178
65-74	1,445	1,463	1,480	1,486	1,491	1,445	1,422	1,446	1,589	1,854
75+	1,280	1,300	1,321	1,342	1,371	1,472	1,576	1,588	1,624	1,634
Tot Civilians	30,578	30,766	31,049	31,357	31,664	32,554	33,622	34,567	35,098	35,220
0-4	2,091	2,127	2,167	2,196	2,221	2,271	2,343	2,339	2,271	2,212
5-15	4,910	4,889	4,876	4,879	4,844	4,768	5,052	5,188	5,201	5,020
16-17	885	877	892	927	982	840	884	921	939	944
18-24	2,947	2,985	3,056	3,043	2,975	3,143	2,787	2,821	2,933	2,951
25-34	4,207	4,126	4,041	4,024	4,045	4,604	4,948	4,854	4,498	4,405
35-44	4,451	4,511	4,607	4,735	4,938	4,525	4,094	4,680	4,971	4,771
45-54	3,293	3,423	3,536	3,626	3,641	4,228	4,871	4,478	4,042	4,575
55-64	3,153	3,118	3,090	3,093	3,131	3,141	3,456	4,026	4,629	4,220
65-74	2,640	2,675	2,707	2,718	2,720	2,675	2,658	2,682	2,970	3,452
75+	2,000	2,037	2,077	2,116	2,167	2,358	2,529	2,579	2,645	2,670
Military/Dep.	222	222	210	193	170	140	129	130	128	127

Source: Regional Economic Models, Inc (REMI) by the University of Michigan through the Michigan Department of Transportation - Sept. 30, 1994

INCOME

ALPENA COUNTY MEDIAN FAMILY INCOME 1970-1990

	% Dif/		% Dif/		% Dif/		Mich.
	1970	1980	1970*	1990	1980*	1970*	1990
	\$8,765	\$17,228	96.6%	28,441	65.1%	224.5%	\$36,652

Source: U.S. Bureau of the Census

ALPENA COUNTY 1997 ESTIMATE I MEDIAN HOUSEHOLD INCOME

Alpena County	Mich.
\$ 31,836	\$ 38,883

Source: U.S. Bureau of the Census

Small Area Income & Poverty Estimate Series.

Released 11/00

ALPENA COUNTY PER CAPITA INCOME 1970-1990

	% Dif/		% Dif/		% Dif/		Mich.
	1970	1980	1970*	1990	1980*	1970*	1990
	\$2,552	\$5,887	130.7%	\$10,930	85.7%	328.3%	\$14,154

* Figure shows percent difference from the year indicated. Source: U.S. Bureau of the Census

ALPENA COUNTY HOUSEHOLD INCOME 1989

Total # of Households	11,809
Less than \$5,000	746
\$5,000 - \$9,999	1,725
\$10,000 - \$14,999	1,467
\$15,000 - \$24,999	2,467
\$25,000 - \$34,999	2,034
\$35,000 - \$49,000	1,854
\$50,000 - \$74,999	1,140
\$75,000 - \$99,999	212
\$100,000 - \$149,999	88
\$150,000 or more	76
Median household inc	\$22,598
Mich. Median Hshld. Inc	\$31,020

Source: U.S. Bureau of the Census

ALPENA COUNTY INCOME TYPE 1989

Total Households	11,809
With wage/salary income	8,056
Mean wage/salary income	\$28,913
With nonfarm self-employment inc	1,274
Mean nonfarm self-employment inc	\$13,375
With farm self-employment income	328
Mean farm self-empl income	\$8,916
With social Security income	4,064
Mean Social Security income	\$7,681
With public assistance income	1,170
Mean public assistance income	\$4,122
With retirement income	2,417
Mean retirement income	\$6,367

Source: U.S. Bureau of the Census

ALPENA COUNTY INCOME PER PERSON* 1970 - 1998

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Alpena Co.	\$3,274	\$3,498	\$3,859	\$4,223	\$4,692	\$5,128	\$5,687	\$6,260	\$7,098	\$7,769
Mich N-M**	\$3,270	\$3,501	\$3,854	\$4,265	\$4,687	\$5,061	\$5,559	\$6,114	\$7,759	\$7,446
Mich. Total	\$4,194	\$4,501	\$4,966	\$5,552	\$5,926	\$6,279	\$7,084	\$7,957	\$8,834	\$9,701

	1980	1
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ECONOMIC AND SOCIAL

ALPENA COUNTY CIVILIAN LABOR FORCE 1990-1999

	Civilian Labor Force			Employment			Unemployment		Unemp Rate	Mich.	
	#	% Dif*	#	% Dif*	#	% Dif*	%	Unemp.		Rate	
1990	14,275	N.C.	12,775	N.C.	1,500	N.C.	10.5%		7.5%		
1991	14,575	2.1%	12,700	-0.6%	1,875	25.0%	12.8%		9.2%		
1992	15,075	3.4%	13,000	2.4%	2,075	10.7%	13.8%		8.9%		
1993	15,075	0.0%	13,250	1.9%	1,825	-12.0%	12.0%		7.1%		
1994	15,525	3.0%	13,700	3.4%	1,825	0.0%	11.7%		5.9%		
1995	15,375	N.C.	13,750	N.C.	1,625	N.C.	10.6%		5.3%		
1996	15,750	N.C.	14,275	N.C.	1,475	N.C.	9.4%		4.9%		
1997	16,025	1.7%	14,725	3.2%	1,275	-13.6%	8.0%		4.2%		
1998	16,225	1.2%	15,100	2.5%	1,125	-11.8%	7.0%		3.9%		
1999	16,475	1.5%	15,400	2.0%	1,075	-4.4%	6.5%		3.8%		

* Figure shows percent difference from preceding year. Source: Mich. Dept. of Career Dev., Employment Services Agency
 "N.C." - Data not comparable. Figures for 1990 through 1994 are revised benchmarked as of 1996, figures for 1995 are revised benchmarked as of 1998, figures for 1996 are revised benchmarked as of 1999 and figures for 1997-1999 are revised benchmarked as of 2000.

ALPENA COUNTY EMPLOYMENT DISTRIBUTION: 1990 - 1999

	Total#	Goods Producing Industries			Service Producing Industries			Government**		
		#	%***	% Dif****	#	%***	% Dif****	#	%***	% Dif****
1990	11,875	2,800	23.6%	2.8%	6,275	52.8%	5.9%	2,800	23.6%	3.7%
1991	11,800	2,600	22.0%	-7.1%	6,350	53.8%	1.2%	2,850	24.2%	1.8%
1992	11,850	2,575	21.7%	-1.0%	6,400	54.0%	0.8%	2,875	24.3%	0.9%
1993	11,850	2,675	22.6%	3.9%	6,350	53.6%	-0.8%	2,825	23.8%	-1.7%
1994	12,350	2,925	23.7%	9.3%	6,600	53.4%	3.9%	2,825	22.9%	0.0%
1995	12,725	2,975	23.4%	1.7%	6,925	54.4%	4.9%	2,850	22.4%	0.9%
1996	13,250	3,075	23.2%	3.4%	7,250	54.7%	4.7%	2,925	22.1%	2.6%
1997	13,600	3,150	23.2%	2.4%	7,400	54.4%	2.1%	3,050	22.4%	4.3%
1998	13,925	3,200	23.0%	1.6%	7,625	54.8%	3.0%	3,100	22.3%	1.6%
1999	14,125	3,325	23.5%	3.9%	7,650	54.2%	0.3%	3,175	22.5%	2.4%

* Totals may not be exact, due to rounding. ** Government employment not included in Service Producing figures.
 *** Figure shows the percent each employment sector is of the total wage and salary employment.
 **** Figure shows the percent difference from preceding year. Source: Mich. Dept. of Career Dev., Employment Services Agency
 Note: Figures for 1990-94 are revised benchmarked as of 1996, for 1995 as of 1998, for 1996 as of 1999 and for 1997-99 are revised benchmarked as of 2000.

ALPENA COUNTY WAGE AND SALARY EMPLOYMENT BY SECTOR 1990 - 1999

	Mining & Const		Mfg	Retail	Service	Govt	Other*	Total**
	#	%						
1990	600	2.5%	2,200	2,450	2,025	2,800	1,800	11,875
% DIF***	9.1%	1.1%	6.5%	8.0%	3.7%	2.9%	4.6%	
1991	550	2.0%	2,050	2,475	2,025	2,850	1,850	11,800
% DIF***	-8.3%	-6.8%	1.0%	0.0%	1.8%	2.8%	-0.6%	
1992	550	2.0%	2,025	2,450	2,100	2,875	1,850	11,850
% DIF***	0.0%	-1.2%	-1.0%	3.7%	0.9%	0.0%	0.4%	
1993	625	2.0%	2,025	2,500	2,200	2,825	1,800	11,925
% DIF***	13.6%	0.0%	2.0%	4.8%	-1.7%	-2.7%	0.6%	
1994	625	2.3%	2,300	2,425	2,300	2,825	1,875	12,350
% DIF***	0.0%	13.6%	-3.0%	4.5%	0.0%	4.2%	3.6%	
1995	625	2.3%	2,350	2,625	2,400	2,850	1,900	12,725
% DIF***	0.0%	2.2%	8.2%	4.3%	0.9%	1.3%	3.0%	
1996	725	2.3%	2,325	2,850	2,475	2,925	1,925	13,250
% DIF***	16.0%	-1.1%	8.6%	3.1%	2.6%	1.3%	4.1%	
1997	775	2.3%	2,375	2,825	2,675	3,050	1,900	13,600
% DIF***	6.9%	2.2%	-0.9%	8.1%	4.3%	-1.3%	2.6%	
1998	775	2.4%	2,425	2,875	2,875	3,100	1,850	13,925
% DIF***	0.0%	2.1%	1.8%	7.5%	1.6%	-2.6%	2.4%	
1999	850	2.4%	2,475	2,875	2,950	3,175	1,800	14,125

* Other = Transportation, Communications & Utilities, Wholesale Trade and Finance, Insurance and Real Estate
 ** Total may not add due to rounding. Source: Mich. Dept. of Career Dev., Employment Services Agency
 *** Figure shows percentage difference from preceding year.
 Note: Figures for 1990-94 are revised benchmarked as of 1996, for 1995 as of 1998, for 1996 as of 1999 and for 1997-99 are revised benchmarked as of 2000.

ALPENA COUNTY EMPLOYED PERSONS BY INDUSTRY 1990

Total employed persons 16 years old and over: 12,439

Ag/Forest/Fishing	Mining	Construction	Manufacturing	Trans/Commun/Utilities					
#	%	#	%	#	%				
317	2.5%	95	0.8%	758	6.1%	2,385	19.2%	782	6.3%

Wholesale	Retail	FIRE*	Health Services	Education Services					
#	%	#	%	#	%				
414	3.3%	2,488	20.0%	702	5.6%	1,225	9.8%	1,099	8.8%

Other Services	
#	%
2,174	17.5%

* Finance, insurance and real estate
 Source: U.S. Bureau of the Census

ALPENA COUNTY OCCUPATION 1990

	#	%
Employed persons 16 years or over	12,439	
Executive/administrative/managerial	1,126	9.1%
Professional specialties	1,487	12.0%
Technicians and related support	366	2.9%
Sales	1,566	12.6%
Administrative support incl clerical	1,785	14.4%
Private household	69	0.6%
Protective services	191	1.5%
Service exp protective and househol	1,775	14.3%
Farming/forestry/fishing	308	2.5%
Precision production, craft and repai	1,527	12.3%
Mach operators/assemblers/inspectr	941	7.6%
Transportation & material moving	652	5.2%
Handlers/equip clnrs/helpers/laborer	646	5.2%

Source: U S Bureau of the Census, 1990

ALPENA COUNTY MAJOR EMPLOYERS: 1995

NAME	LOCATION	PRODUCT/SERVICE	# EMPLOYEES
Alpena General Hospital	Alpena	Health Care	667
Alpena Public Schools	Alpena	Education	625
Besser Company	Alpena	Concrete Block Making Machines	450
ABTCo	Alpena	Hardboard Manufacturing	330
Lafarge Corp.	Alpena	Cement	280
Fletcher Paper Co.	Alpena	Paper	240
NEMROC	Alpena	Sheltered Workshop	210
Alpena County	Alpena	County Government	180
Alpena Community College	Alpena	Community College	143
Thunder Bay Manufacturing	Alpena	Maching Shop; Iron Foundry	100

Source: NEMCOG, 1995

ALPENA COUNTY MANUFACTURING FACILITIES: 1999

BUSINESS	LOCATION	SIC CODE/PRODUCT	# EMP
ABTco, Inc.	Alpena	2499, 2435/Hardboard	250
Adams Home Improvement	Alpena	3089/Vinyl windows	6
Air Devices Co, Inc.	Alpena	3593, 3491, 3492, 3599/Air & hydraulic cylinders & valves	18
Alpena Auto Electric, Inc	Alpena	3625, 3694, 3561, 3621/Starters, alternators, carburetors, pumps, etc.	3
Alpena News Pub Co.	Alpena	2711, 2791, 2752/Newspaper publishing, typesetting & offset printing	55
Alpena Print Master	Alpena	2752, 2791, 2789/Offset printing, computer typesetting, glue, binding, etc	4
Alpena Screen Art Co.	Alpena	2396/Textile screen printing	7
Alpena Star	Alpena	2741/Shopping guide publishing	11
ALRO Steel Corp.	Alpena	5051/Metals service center; metal cutting service	8
Ameri-Shred Industrial Corp.	Alpena	3569/Industrial shredders	25
Baker Enterprises, Inc.	Alpena	3559, 3441, 3554, 3499, 3444/Concrete block hdl. eqpt, paper & steel	65
Benjey, W.G., Inc.	Alpena	3452, 3423, 3535, 3599/Pump & conveyor screw assembly, grinding, etc	4
Benjey, W.G., Inc.	Alpena	3444, 3441/Sheet & structural metal fabricating	4
Benjey, W.G., Inc.	Alpena	3599, 7692, 7389/Machine shop: machining, grindng, mill & lathe, etc.	14
Benjey, W.G., Inc.	Alpena	3593/Air & hydraulic cylinders, sheet metal & stainless steel fabricating	5
Benjey, W.G., Inc.	Alpena	3535/Air & hydraulic cylinders, paper mill & special machinery, etc.	35
Besser Co.	Alpena	3559/Concrete block forming machines & equipment.	500
Classic Creations	Alpena	2759,2396/Advertising specialties & fabric screen printing	2
Crow, A B Memorial Co.	Alpena	3281/Cemetery monuments	2
D.G. Trim Products	Alpena	3714/Soft interior auto headliners	68
Eagle Engrg & Sply Co.	Alpena	3535, 3613/Electric control panels & special materials handling equip.	40
Fiber Char Corp.	Alpena	2431, 2435, 2499, 3442/Moldings, paneling & picture frames	20
Fletcher Paper Corp.	Alpena	2621/Specialty light weight paper	215
Framon Mfg. Co., Inc.	Alpena	3545/Specialized locksmith key machines	8
Freese Hydraulic	Alpena	3599/Hydraulic cylinder repair	5
Garant's Office Supply & Print	Alpena	2752, 2759, 2791, 2789/Printing; typesetting, stitching & binding, etc.	6
Gildner Cement Products	Alpena	3273/Ready-mixed concrete	3
Hirzel Sign Shop	Alpena	3993, 2759/Signs, metal, painted, silk screen, air brush & vinyl	2
Huron Sheet Metal, Inc.	Alpena	3444/Sheet metal fabricatig	9
Jerry's Printing	Alpena	2752/Offset printing	1
L&S Transit Mix Concrete Co.	Alpena	3273/Ready-mixed & precast concrete	8
LaFarge Corp.	Alpena	3241/Bulk cement	275
Loujon Mfg. Co.	Alpena	3593/Hydraulic cylinders & access	20
Magnalay Coupling Co.	Alpena	3568, 3069, 3561/Flexible & rod end couplers, pump & motor mounts	20
Minton, Floyd Cedar Post Co	Alpena	2421/Logs, timber, rough lumber & posts	15
Model Printing Service	Alpena	2759, 2752, 3469/Printing, stamping & embossing	8
NEMROC, Inc.	Alpena	8331, 2421, 2426, 2448/Sheltered workshop, various products	185
PCI Procal Inc.	Alpena	3537, 3535, 3714/Materials handling eqpt & power transmissions	42
Panel Processing, Inc.	Alpena	2499, 2493/Painted & fabricated hardboard & particleboard	60
Phillips, J.D., Corp.	Alpena	3559, 3569/Automated machinery & design	36
Q.C. Wood Products	Alpena	2448, 2426/Inkl lumber, pallets & skids	8
Rust Wood Products	Alpena	2448/Wooden pallets & lumber	3
Scientific Brake & Equipment	Alpena	3444, 7692/Metal fabricating; arc, gas, MIG, TIG & heliarc welding	9
Signs-Write-Now	Alpena	3993/Computer generated & screened signs	2
Specification Stone Products Inc.	Alpena	1422/Limestone gravel & riprap	27
Standard Provision	Alpena	2013, 2011/Custom meat processing	4
Superior Fabricating Inc.	Alpena	3441/Conveyors, elevators & metal fabricating	10
T&T Machine & Welding	Alpena	3599/Machine shop	3
Thunder Bay Concrete Prod.	Alpena	3271/Concrete blocks, bricks & masonry materials	9
Thunder Bay Mfg. Corp.	Alpena	3322, 3363, 3599/Iron foundries, die castings & machine shop	105
Triflex Industries	Alpena	3993, 3089/Plastic signs & point of purchase displays	4
Woodlands Harvesting Inc.	Alpena	2411/Logging	16
X-L Grinding & Tool, Inc.	Alpena	3544, 3599/Tool & die, tooling, prototypes, OD, ID & surface grinding	2
Smith Precision	Herron	3469/Tool & die stampings	4
Better Best Cedar Fence & Post	Hubbard Lk	2499, 2426/Cedar posts, fencing & cut stock	14
Fair & Square Pallet & Lumber	Hubbard Lk	2421/Sawmill	5
Kubbe Machine Shop	Hubbard Lk	3599, 7692/Machine shop, welding,surface grinding, lathe & mill work	1
Sommerfield Sawing & Planing	Hubbard Lk	2421/Lumber sawing & planing	2
Two-Q Wood & Metal Working	Hubbard Lk	2421, 2426/Sawmill, dimension lumber	1
Werner Sand & Gravel Co.	Hubbard Lk	3273, 1442/Ready-mixed concrete, sand & gravel	4
Sine Tool Co.	Lachine	3599/Machine shop; surface grinding & tooling	1
Via-Tech Corp.	Lachine	3535/Conveyor equipment	22
Cranbrook Ltd.	Ossineke	3499/Bronze, stainless steel & wood sculptures	2
Ossineke Industries	Ossineke	3545/Custom drill bits	101

Source: "1999 Michigan Industrial Directory", Harris Publishing
 Compilation and additions by NEMCOG, Gaylord, MI

ALPENA COUNTY EMPLOYMENT FORECAST

	1991	1992	1993	1994	1995	2000	2005	2010	2015	2020
Dur Manf	1,852	1,813	1,780	1,792	1,779	1,762	1,771	1,715	1,602	1,482
NonDur Manf	499	505	507	513	513	527	545	539	523	508
Mining	30	30	31	31	32	34	36	39	40	42
Constr	732	718	729	740	747	765	817	831	824	806
Trans/PbUti	785	786	789	799	803	837	878	904	917	918
Fin/Ins/Rt Est	743	757	772	798	813	890	949	1,007	1,052	1,080
Ret Trade	2,884	2,951	3,030	3,191	3,248	3,380	3,591	3,631	3,584	3,537
Whlsl Trade	700	707	719	743	754	799	863	901	904	899
Services	3,486	3,684	3,876	4,041	4,180	4,929	5,375	5,551	5,665	5,852
Ag/Fo/Fish	112	118	124	127	129	140	148	153	155	157
St/Loc Govern	2,688	2,729	2,772	2,798	2,808	2,892	2,999	3,111	3,154	3,098
Fed Civil Gov	110	110	108	107	106	105	108	110	112	113
Fed Mil Gov	98	98	93	85	75	62	57	58	57	56
Farm	557	546	536	525	515	467	424	403	383	364
Total	15,276	1,554	15,865	16,291	16,501	17,591	18,561	18,951	18,973	18,913
Population	30,800	30,989	31,259	31,579	31,834	32,693	33,751	34,697	35,226	35,347
Income (Millions of \$)										
Tot Labr/Prop	307	335	352	376	395	521	696	905	1,141	1,429
-SoclnsTaxes	23	24	26	28	29	39	51	68	98	

