



**POPULATION AND HOUSEHOLD
FORECASTS
FOR
GLADWIN COUNTY
CITIES/VILLAGES/TOWNSHIPS**

**Prepared by:
East Michigan Council of Governments
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The following tables present population estimates for the cities, villages and townships within Gladwin County, Michigan through the year 2040. These population estimates are based on a combination of average growth trends over the last four Decennial Censuses (1980, 1990, 2000 and 2010) and population estimates provided by the Michigan Department of Transportation (MDOT) which are based on long term economic and demographic forecasts for the State of Michigan prepared for MDOT by the Institute for Research on Labor, Employment, and the Economy at the University of Michigan (U of M).

The overall assumptions used in the U of M population and household forecasting model acknowledge that Michigan's baby boomer population (ages 45–64) and age 65+ population represent a higher proportion of its' population compared to the nation as a whole. Conversely the younger population subsets represent a smaller proportion of Michigan's population compared to the nation as a whole. Therefore, population forecasts reflect a greater growth in the 65+ age group in Michigan than in the nation. According to the U of M projections by the year 2040 23.3% of the population in Michigan will be age 65 or older compared to 19.6% nationwide. Household projections are based on the assumption that the proportionate share of one and two person households will increase from 2010 to 2040 consistent with projections of an aging population. County by county forecasts reflect the differing age make-up of the local population¹ in addition to the differing economic trends. These components have been further broken down to the traffic analysis zone (TAZ) level for development of MDOT's Statewide Transportation Improvement Plan (STIP) and the urbanized Areas' Transportation Improvement Programs (TIPs) and are the basis of the Statewide Model's trip generation file updating (county control totals), the Statewide Goods Movement/Truck Model Program, and development of the Border Crossing model.²

POPULATION

The percent changes in population from 2010 to 2020 and from 2020 to 2040 are shown on the right side of the following table. Based on population estimates all local units in Gladwin County are estimated to experience a decrease in population from the 2010 Census to 2020 ranging from **-4.0%** (Hay Township) to **-5.7%** (City of Gladwin). The population for all local units is estimated to continue to decline from 2020 to 2040 ranging from a low of **-3.1%** (Clement Township) to a high of **-6.8%** (City of Gladwin). NOTE: the population data in the following table is based on TAZ or Traffic Analysis Zones which may include a city or village within a particular township's population forecasts.

¹ See the respective County Comprehensive Economic Development Strategy (CEDS) Data report for details regarding the current and forecast differing age make-up breakouts.

² "The Economic and Demographic Outlook for Michigan Through 2040", University of Michigan Institute for Research on Labor, Employment, and the Economy; Prepared for Bureau of Transportation Planning, Michigan Department of Transportation, March 2012

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Population Projections By TAZ: 2010 – 2040 Gladwin County

Local Unit	Census	Census	MDOT	MDOT	MDOT	MDOT	Percent	Percent
	2000	2010	2015	2020	2030	2040	Change 2010-2020	Change 2020-2040
Beaverton Township	2,925	3,035	2,937	2,879	2,810	2,722	-5.1%	-5.4%
Bentley Township	859	844	819	804	789	769	-4.7%	-4.5%
Billings Township	2,715	2,416	2,344	2,302	2,259	2,200	-4.7%	-4.5%
Bourret Township	471	461	448	440	433	422	-4.5%	-4.1%
Buckeye Township	1,321	1,308	1,271	1,251	1,233	1,206	-4.3%	-3.6%
Butman Township	1,947	1,999	1,938	1,902	1,863	1,812	-4.8%	-4.8%
Clement Township	987	901	877	864	853	837	-4.1%	-3.1%
Gladwin City	3,018	2,933	2,830	2,765	2,680	2,577	-5.7%	-6.8%
Gladwin Township	1,044	1,116	1,083	1,064	1,044	1,017	-4.7%	-4.4%
Grim Township	129	136	131	128	125	120	-5.6%	-6.3%
Grout Township	1,864	1,964	1,908	1,878	1,849	1,807	-4.4%	-3.8%
Hay Township	1,402	1,362	1,326	1,307	1,292	1,269	-4.0%	-2.9%
Sage Township	2,617	2,457	2,390	2,355	2,325	2,279	-4.1%	-3.2%
Secord Township	1,147	1,151	1,120	1,103	1,089	1,068	-4.1%	-3.2%
Sherman Township	1,029	1,043	1,014	997	982	960	-4.4%	-3.7%
Tobacco Township	2,548	2,566	2,496	2,458	2,425	2,375	-4.2%	-3.4%
Gladwin County	26,023	25,692	24,932	24,499	24,051	23,440	-4.6%	-4.3%

Source: Compiled by EMCOG from Michigan Department of Transportation Planning; MDOT Source: Institute for Research, Employment and the Economy, University of Michigan

The City of Beaverton is included in the Beaverton Township population data in the preceding table. The 2010 Census population for the city and the balance of the township are shown in the next table along with forecasts for 2020 and 2040. These forecasts were prepared by EMCOG and are based on the same assumptions that were used by MDOT for the respective township forecasts in the previous table.

Population Projections For Cities/Villages Within a TAZ: 2010 – 2040 Gladwin County

Local Unit	Census			Percent	Percent
	2010	2020	2040	Change 2010-2020	Change 2020-2040
City of Beaverton	1,071	1,016	961	-5.1%	-5.4%
Balance of Beaverton Township	<u>1,964</u>	<u>1,862</u>	<u>1,761</u>	-5.2%	-5.5%
Total: Beaverton Township	3,035	2,879	2,722	-5.1%	-5.4%

Source: Compiled by EMCOG from Michigan Department of Transportation Planning; MDOT Source: Institute for Research, Employment and the Economy, University of Michigan.

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HOUSEHOLDS

The following tables show household (HH) estimates for the cities, villages and townships within Gladwin County through the year 2040. From 2010 to 2020 the number of households is projected to decrease by **-1.6%** countywide compared to a greater decrease in population of **4.6%** indicating a shift to smaller household size. For 2020 to 2040 the local units in the County are all forecast to experience a further decrease in the number of households ranging from a very slight **-5.7%** (Clement Township) to **-7.4%** (Grim Township).). NOTE: the household data in the following table is based on TAZ or Traffic Analysis Zones which may include a city or village within a particular township's household forecasts.

**Household (HH) Projections By TAZ: 2010 – 2040
Gladwin County**

Local Unit	HH 2010	HH 2015	HH 2020	HH 2030	HH 2040	Percent Change 2010-2020	Percent Change 2020-2040
Beaverton Township	1,196	1,186	1,174	1,138	1,092	-1.9%	-6.9%
Bentley Township	340	338	334	325	313	-1.6%	-6.4%
Billings Township	1,098	1,090	1,080	1,050	1,011	-1.6%	-6.4%
Bourret Township	217	216	214	208	200	-1.5%	-6.2%
Buckeye Township	512	509	505	492	475	-1.4%	-6.0%
Butman Township	932	925	916	890	856	-1.7%	-6.6%
Clement Township	422	420	417	406	393	-1.3%	-5.7%
Gladwin City	1,261	1,248	1,233	1,191	1,139	-2.2%	-7.6%
Gladwin Township	379	376	373	363	349	-1.6%	-6.4%
Grim Township	56	55	55	53	51	-2.1%	-7.4%
Grout Township	705	701	695	677	653	-1.4%	-6.0%
Hay Township	607	604	599	585	566	-1.2%	-5.6%
Sage Township	964	959	951	928	897	-1.3%	-5.8%
Secord Township	591	588	583	569	550	-1.3%	-5.7%
Sherman Township	425	422	419	408	394	-1.4%	-6.0%
Tobacco Township	1,048	1,042	1,034	1,008	974	-1.3%	-5.8%
Gladwin County	10,753	10,677	10,582	10,291	9,913	-1.6%	-6.3%

Source: Compiled by EMCOG from Michigan Department of Transportation Planning; MDOT Source: Institute for Research, Employment and the Economy, University of Michigan.

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The City of Beaverton is included in the Beaverton Township 2010 Census household data in the preceding table. The 2010 Census households for the city and the balance of the township are shown in the next table along with forecasts for 2020 and 2040. These forecasts were prepared by EMCOG and are based on the same assumptions that were used by MDOT for the respective township forecasts in the previous table.

Household Projections For Cities/Villages Within a TAZ: 2010 – 2040 Gladwin County

Local Unit	Census			Percent	Percent
	2010	2020	2040	Change 2010-2020	Change 2020-2040
City of Beaverton	462	453	422	-1.9%	-6.9%
Balance of Beaverton Township	<u>734</u>	<u>720</u>	<u>671</u>	-1.9%	-6.9%
Total: Beaverton Township	1,196	1,174	1,092	-1.9%	-6.9%

Source: Compiled by EMCOG from Michigan Department of Transportation Planning; MDOT Source: Institute for Research, Employment and the Economy, University of Michigan.