Projections of Florida Population by County, 2025–2050, with Estimates for 2022

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The Bureau of Economic and Business Research (BEBR) has been making population projections for Florida and its counties since the 1970s. This report presents our most recent set of projections and describes the methodology used to construct those projections. To account for uncertainty regarding future population growth, we publish three series of projections. We believe the medium series is the most likely to provide accurate forecasts in most circumstances, but the low and high series provide an indication of the uncertainty surrounding the medium series. It should be noted that these projections refer solely to permanent residents of Florida; they do not include tourists or seasonal residents.

State Projections

The starting point for the state-level projections was the decennial census count for April 1, 2020. Because the detailed census counts by age and sex are not yet available, we used the BEBR age and sex estimates for April 1, 2020, which were controlled to the Census 2020 count of total population. Projections were made in one-year intervals using a cohort-component methodology in which births, deaths, and migration are projected separately for each age-sex cohort in Florida.

Survival rates were applied by single year of age and sex to project future deaths in the population. These rates were based on Florida Life Tables for 2012–2018, using mortality data published by the Office of Vital Statistics in the Florida Department of Health. We adjusted the survival rates for 2020–2027 to make them

consistent with recent mortality trends, and to align the projected deaths with those from the State of Florida's Demographic Estimating Conference (DEC) held February 10, 2023. After 2027, we made small adjustments to the survival rates based on projected changes in survival rates released by the U.S. Census Bureau.

Domestic migration rates by age and sex were based on Public Use Microdata Sample (PUMS) files from the 2011–2019 American Community Survey (ACS) 1-year estimates and 2015–2019 ACS 5-year estimates. We calculated an average of those two sets of migration estimates; projections based on input data from more than one time period tend to be more accurate than those based on a single time period. By combining 1-year ACS estimates, which are more current, with 5-year ACS estimates, which are more stable, we make use of the different strengths of each type of ACS data.

We applied smoothing techniques to the age/sex-specific migration rates to adjust for data irregularities caused by small sample size. The smoothed in- and out-migration rates were weighted to account for recent changes in Florida's population growth rates. Projections of domestic in-migration were made by applying weighted in-migration rates to the projected population of the United States (minus Florida), using the most recent set of national projections produced by the U.S. Census Bureau. Projections of out-migration were made by applying weighted out-migration rates to the Florida population. In both instances, rates were calculated separately for males and females for each age up to 90 and over.

The distribution of foreign immigrants by age and sex was also based on averages of the patterns observed over the same time periods using the same ACS data sets as for domestic migration. Again, we smoothed the estimates to account for irregularities in the age/sex distribution of immigrants.

Projections were made in one-year intervals, with each projection serving as the base for the following projection. Projected in-migration for each one-year interval was added to the survived Florida population at the end of the interval and projected out-migration was subtracted, giving a projection of the population age one and older.

Births were projected by applying age-specific birth rates (adjusted for child mortality) to the projected female population. These birth rates were based on Florida birth data for 2012–2018 published by the Office of Vital Statistics in the Florida Department of Health. They imply a total fertility rate (TFR) of 1.75 births per woman. These rates were reduced in the short-term projections to make them consistent with recent fertility trends, and to align the projected births with those from the February 10, 2023 DEC. The long-term projections imply about 1.80 births per woman.

The medium projections of total population for 2023–2027 were adjusted to be consistent with the state population forecasts for those years produced by the February 10, 2023 DEC. None of the projections after 2027 had any further controls.

In the addition to the medium projections, we also created low and high projections for Florida. The low and high projections for the state should not be considered as low and high growth scenarios; rather, they represent an indication of the uncertainty surrounding the medium projections. The range was based on average projection errors of previous BEBR state-level projections.

In this publication, we provide projections for 2025, 2030, 2035, 2040, 2045, and 2050. State projections for other years are available by request.

County Projections

The cohort-component method is a good way to make population projections at the state level but is not necessarily the best way to make projections at the county level. Many counties in Florida are so small that the number of persons in each age-sex category is inadequate for making reliable cohort-component projections, given the lack of detailed small-area data. Even more important, county growth patterns are so volatile that a single technique based on data from a single time period may provide misleading results. We believe more useful projections of total population can be made by using several different techniques and historical base periods.

For counties, we started with the population estimate constructed by BEBR for April 1, 2022. We made projections for each county using five different techniques in five-year increments. The five techniques were:

1.   Linear – the population will change by the same number of persons in each future year as the average annual change during the base period.

2.   Exponential – the population will change at the same percentage rate in each future year as the average annual rate during the base period.

3.   Share-of-growth – each county's share of state population growth in the future will be the same as its share during the base period.

4.   Shift-share – each county's share of the state population will change by the same annual amount in the future as the average annual change during the base period.

5.   Constant-share – each county's share of the state population will remain constant at its 2022 level.

For the linear and share-of-growth techniques we used base periods of two, ten, and twenty years (2020–2022, 2012–2022, and 2002–2022), yielding three sets of projections for each technique. For the exponential and shift-share techniques we used base periods of five and fifteen years (2017–2022 and 2007–2022), yielding two sets of projections for each technique. The constant-

share method was based on data for a single year (2022).

This methodology produced eleven projections for each county for each projection year (2025, 2030, 2035, 2040, 2045, and 2050). From these, we calculated five averages: one using all eleven projections (AVE-11), one that excluded the highest and lowest projections (AVE-9), one that excluded the two highest and two lowest projections (AVE-7), one that excluded the three highest and three lowest projections (AVE-5), and one that excluded the four highest and four lowest projections (AVE-3). Based on the results of previous research, we designated the average that excluded the three highest and three lowest projections (AVE-5) as the default technique for each county. We evaluated the resulting projections by comparing them with historical population trends and with the level of population growth projected for the state as a whole. For counties in which AVE-5 did not provide reasonable projections, we selected the technique producing projections that fit most closely with our evaluation criteria.

For 61 counties we selected AVE-5, the average in which the three highest and three lowest projections were excluded. In the remaining six counties, we selected projections made from an individual technique or calculated a custom average (e.g., an average of two individual techniques). These include Baker, Calhoun, Gadsden, Hardee, Jackson, and Monroe counties.

We also made adjustments in several counties to account for changes in institutional populations such as university students and prison inmates. Adjustments were made only in counties in which institutional populations account for a large proportion of total population or where changes in the institutional population have been substantially different than changes in the rest of the population. In the present set of projections, adjustments were made for Alachua, Baker, Bradford, Calhoun, Columbia, DeSoto, Dixie, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Holmes, Jackson, Jefferson, Lafayette, Leon, Liberty, Madison, Okeechobee, Santa Rosa, Sumter, Suwannee, Taylor, Union, Wakulla, Walton, and Washington counties.

Range of County Projections

The techniques described in the previous section were used to construct the medium series of county projections. This is the series we believe will generally provide the most accurate forecasts of future population change. We also constructed low and high projections to provide an indication of the uncertainty surrounding the medium county projections. The low and high projections were based on analyses of past population forecast errors for counties in Florida, broken down by population size and growth rate. They indicate the range into which approximately three-quarters of future county populations will fall, if the future distribution of forecast errors is similar to the past distribution.

The range between the low and high projections varies according to a county's population size in 2022 (less than 30,000; 30,000–199,999; and 200,000 or more), rate of population growth between 2012 and 2022 (less than 7.5%; 7.5–15%; 15–30%; and 30% or more), and the length of the projection horizon. Our studies have found that the distribution of absolute percent errors tends to remain fairly stable over time, leading us to believe that the low and high projections provide a reasonable range of errors for most counties. It must be emphasized, however, that the actual future population of any given county could be below the low projection or above the high projection.

For the medium series of projections, the sum of the county projections equals the state projection for each year (except for slight differences due to rounding). For the low and high series, however, the sum of the county projections does not equal the state projection. The sum of the low projections for counties is lower than the state's low projection and the sum of the high projections for counties is higher than the state's high projection. This occurs because potential variation around the medium projection is greater for counties than for the state as a whole.

Acknowledgement

Projections of Florida Population by County, 2025–2050, with Estimates for 2022

County and State	Estimates April 1, 2022	Projections, April 1					
		2025	2030	2035	2040	2045	2050
ALACHUA	287,872						
Low		282,800	285,000	284,300	281,500	277,900	274,400
Medium		297,600	311,500	322,100	330,200	336,900	343,000
High		312,500	338,000	360,000	378,900	395,800	411,600
BAKER	27,881						
Low		27,100	27,300	27,000	26,500	25,800	25,000
Medium		29,200	30,900	32,100	33,000	33,700	34,300
High		31,200	34,400	37,100	39,500	41,600	43,500
BAY	184,002						
Low		177,300	175,800	173,400	170,300	166,900	163,700
Medium		188,600	195,400	201,100	205,800	210,000	213,900
High		199,900	214,900	228,700	241,300	253,000	264,200
BRADFORD	27,013						
Low		25,700	25,100	24,500	23,800	23,100	22,400
Medium		27,400	27,900	28,400	28,700	29,100	29,300
High		29,000	30,700	32,300	33,700	35,000	36,200
BREVARD	627,544						
Low		619,000	627,000	626,900	622,200	615,600	609,100
Medium		651,600	685,200	710,300	729,800	746,200	761,300
High		684,200	743,400	793,800	837,500	876,800	913,600
BROWARD	1,969,099						
Low		1,917,300	1,911,600	1,890,100	1,862,600	1,833,400	1,806,000
Medium		2,018,200	2,089,200	2,141,700	2,184,900	2,222,300	2,257,500
High		2,119,100	2,266,800	2,393,400	2,507,100	2,611,200	2,709,100
CALHOUN	13,740						
Low		13,100	12,700	12,300	11,900	11,500	11,200
Medium		14,000	14,100	14,300	14,400	14,500	14,600
High		14,800	15,600	16,300	16,900	17,500	18,000
CHARLOTTE	196,742						
Low		192,100	195,500	195,600	193,400	190,200	186,900
Medium		206,600	220,900	232,100	241,000	248,700	256,000
High		221,100	246,300	268,700	288,600	307,100	325,100
CITRUS	158,009						
Low		153,500	153,600	152,100	149,600	146,600	143,700
Medium		163,300	170,700	176,300	180,800	184,400	187,800
High		173,100	187,800	200,600	212,000	222,200	231,900
CLAY	225,553						
Low		221,200	224,800	225,500	223,700	220,800	217,800
Medium		235,400	249,800	261,400	270,300	277,700	284,700
High		249,500	274,800	297,400	316,900	334,700	351,600
COLLIER	390,912						
Low		385,200	393,200	396,300	394,400	390,300	385,800
Medium		409,800	436,900	459,500	476,600	491,000	504,400
High		434,400	480,500	522,600	558,800	591,600	622,900
COLUMBIA	71,525						
Low		69,600	69,000	68,000	66,800	65,600	64,500
Medium		73,300	75,400	77,000	78,400	79,500	80,600
High		76,900	81,800	86,100	89,900	93,400	96,700
DESOTO	34,748						
Low		33,400	32,600	31,700	30,900	30,100	29,300
Medium		35,100	35,600	35,900	36,200	36,500	36,700
High		36,900	38,600	40,200	41,600	42,900	44,000
DIXIE	16,988						
Low		16,300	16,000	15,600	15,200	14,900	14,500
Medium		17,300	17,800	18,100	18,400	18,700	18,900
High		18,400	19,500	20,600	21,600	22,500	23,400

Bureau of Economic and Business Research, Florida Population Studies, Bulletin 195

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County and State	Estimates April 1, 2022	Projections, April 1					
		2025	2030	2035	2040	2045	2050
DUVAL	1,033,533						
Low		1,013,900	1,028,000	1,026,600	1,014,700	999,100	983,000
Medium		1,078,600	1,142,200	1,190,300	1,226,200	1,256,800	1,285,000
High		1,143,300	1,256,400	1,353,900	1,437,800	1,514,400	1,587,000
ESCAMBIA	329,583						
Low		321,000	319,300	315,300	310,400	305,300	300,500
Medium		337,800	348,900	357,300	364,200	370,000	375,600
High		354,700	378,600	399,300	417,900	434,800	450,700
FLAGLER	124,202						
Low		124,300	130,900	134,400	135,300	135,000	134,100
Medium		133,600	148,000	159,500	168,600	176,500	183,700
High		143,000	165,000	184,600	201,900	218,000	233,300
FRANKLIN	12,729						
Low		12,100	12,000	11,700	11,400	11,000	10,600
Medium		13,200	13,800	14,300	14,700	15,000	15,300
High		14,200	15,600	16,800	17,900	18,900	19,900
GADSDEN	43,967						
Low		42,200	40,800	39,500	38,200	37,100	36,000
Medium		44,400	44,500	44,700	44,800	44,900	45,000
High		46,600	48,300	50,000	51,400	52,800	54,000
GILCHRIST	18,841						
Low		18,200	18,200	18,000	17,700	17,300	16,900
Medium		19,600	20,600	21,400	22,000	22,600	23,100
High		21,000	23,000	24,800	26,400	27,900	29,300
GLADES	12,273						
Low		11,600	11,200	10,800	10,400	10,000	9,700
Medium		12,300	12,400	12,500	12,600	12,600	12,700
High		13,100	13,700	14,200	14,700	15,200	15,700
GULF	15,938						
Low		15,300	15,100	14,900	14,500	14,100	13,700
Medium		16,400	17,100	17,600	18,100	18,500	18,800
High		17,600	19,100	20,400	21,700	22,800	23,900
HAMILTON	13,395						
Low		12,700	12,400	12,000	11,600	11,300	11,000
Medium		13,600	13,700	13,900	14,100	14,200	14,300
High		14,400	15,100	15,800	16,500	17,100	17,700
HARDEE	25,544						
Low		24,100	23,100	22,200	21,300	20,500	19,700
Medium		25,600	25,600	25,700	25,700	25,800	25,800
High		27,100	28,200	29,200	30,200	31,000	31,800
HENDRY	40,633						
Low		39,100	38,700	38,000	37,100	36,100	35,200
Medium		41,600	43,000	44,000	44,800	45,400	46,100
High		44,100	47,300	50,100	52,500	54,800	56,900
HERNANDO	199,207						
Low		194,400	195,800	195,300	193,200	190,200	187,000
Medium		206,800	217,500	226,400	233,500	239,300	244,500
High		219,200	239,300	257,500	273,800	288,300	301,900
HIGHLANDS	103,102						
Low		99,700	98,500	96,900	94,900	92,900	91,100
Medium		104,900	107,600	109,800	111,300	112,600	113,800
High		110,200	116,800	122,600	127,800	132,400	136,600
HILLSBOROUGH	1,520,529						
Low		1,502,000	1,539,600	1,551,900	1,546,300	1,532,200	1,516,200
Medium		1,597,900	1,710,600	1,799,300	1,868,700	1,927,300	1,981,900
High		1,693,800	1,881,700	2,046,700	2,191,000	2,322,400	2,447,700

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		2025	2030	2035	2040	2045	2050
HOLMES	19,784						
Low		18,800	18,100	17,500	16,900	16,300	15,800
Medium		20,000	20,100	20,300	20,400	20,500	20,700
High		21,200	22,200	23,100	24,000	24,800	25,500
INDIAN RIVER	165,559						
Low		160,900	162,700	162,200	159,900	156,700	153,300
Medium		173,000	183,900	192,500	199,300	204,900	210,100
High		185,200	205,000	222,900	238,600	253,000	266,800
JACKSON	48,395						
Low		46,200	44,700	43,300	42,000	40,800	39,700
Medium		48,600	48,800	49,100	49,200	49,400	49,600
High		51,100	53,000	54,800	56,500	58,100	59,500
JEFFERSON	14,923						
Low		14,300	13,900	13,500	13,100	12,700	12,300
Medium		15,200	15,400	15,700	15,800	16,000	16,100
High		16,100	17,000	17,800	18,600	19,300	19,900
LAFAYETTE	7,808						
Low		7,500	7,300	7,100	6,900	6,700	6,600
Medium		8,000	8,100	8,300	8,400	8,500	8,600
High		8,400	9,000	9,400	9,800	10,200	10,600
LAKE	403,857						
Low		402,100	420,300	429,500	431,800	430,300	427,400
Medium		432,300	474,900	509,800	538,100	562,500	585,500
High		462,600	529,500	590,100	644,400	694,700	743,600
LEE	802,178						
Low		801,300	835,000	853,100	858,400	857,300	854,400
Medium		852,500	927,700	989,100	1,037,300	1,078,300	1,116,800
High		903,600	1,020,500	1,125,100	1,216,200	1,299,400	1,379,300
LEON	299,130						
Low		291,400	290,200	287,300	283,200	278,800	274,400
Medium		306,800	317,200	325,600	332,200	337,900	343,000
High		322,100	344,200	363,800	381,200	397,000	411,700
LEVY	44,288						
Low		42,800	42,700	42,200	41,400	40,600	39,700
Medium		45,600	47,400	48,900	50,100	51,100	52,000
High		48,300	52,200	55,600	58,700	61,500	64,200
LIBERTY	7,831						
Low		7,600	7,300	7,000	6,800	6,600	6,400
Medium		8,000	8,100	8,200	8,200	8,300	8,400
High		8,500	8,900	9,300	9,700	10,000	10,300
MADISON	18,438						
Low		17,500	16,900	16,200	15,700	15,100	14,600
Medium		18,700	18,700	18,800	18,900	19,000	19,100
High		19,800	20,600	21,400	22,200	22,900	23,600
MANATEE	421,768						
Low		420,900	437,700	446,200	448,100	447,000	445,100
Medium		447,800	486,300	517,300	541,600	562,300	581,800
High		474,600	534,900	588,500	635,000	677,600	718,500
MARION	391,983						
Low		385,500	392,900	394,700	392,100	387,600	382,700
Medium		410,100	436,600	457,600	473,900	487,600	500,300
High		434,700	480,200	520,600	555,600	587,500	617,900
MARTIN	161,655						
Low		156,000	154,900	152,800	149,900	146,800	143,700
Medium		165,900	172,100	177,200	181,200	184,600	187,800
High		175,900	189,300	201,500	212,400	222,400	232,000

Bureau of Economic and Business Research, Florida Population Studies, Bulletin 195

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		2025	2030	2035	2040	2045	2050
MIAMI-DADE	2,757,592						
Low		2,685,500	2,679,300	2,657,200	2,623,100	2,585,200	2,549,500
Medium		2,826,900	2,928,200	3,010,900	3,076,900	3,133,600	3,186,900
High		2,968,200	3,177,100	3,364,700	3,530,800	3,681,900	3,824,300
MONROE	83,961						
Low		80,300	78,400	75,900	73,200	70,400	67,800
Medium		85,400	87,100	88,000	88,400	88,600	88,700
High		90,500	95,800	100,100	103,600	106,800	109,500
NASSAU	95,809						
Low		95,100	98,900	100,800	101,300	100,800	99,900
Medium		102,200	111,800	119,600	126,200	131,700	136,900
High		109,400	124,700	138,500	151,100	162,700	173,900
OKALOOSA	215,751						
Low		209,800	210,300	208,500	205,000	200,800	196,600
Medium		223,200	233,600	241,700	247,700	252,500	257,000
High		236,600	257,000	275,000	290,400	304,300	317,400
OKEECHOBEE	39,385						
Low		37,700	36,600	35,600	34,500	33,600	32,700
Medium		39,700	40,000	40,300	40,500	40,700	40,900
High		41,700	43,400	45,000	46,500	47,800	49,000
ORANGE	1,481,321						
Low		1,471,600	1,519,700	1,539,600	1,540,400	1,531,600	1,520,400
Medium		1,565,600	1,688,500	1,785,000	1,861,500	1,926,600	1,987,400
High		1,659,500	1,857,400	2,030,500	2,182,600	2,321,500	2,454,400
OSCEOLA	424,946						
Low		435,700	473,500	495,300	506,900	512,300	515,200
Medium		468,500	535,000	587,900	631,600	669,600	705,800
High		501,200	596,500	680,500	756,400	827,000	896,300
PALM BEACH	1,518,152						
Low		1,489,900	1,502,300	1,498,400	1,484,600	1,465,900	1,447,400
Medium		1,568,300	1,641,900	1,698,000	1,741,500	1,776,900	1,809,200
High		1,646,700	1,781,400	1,897,500	1,998,300	2,087,800	2,171,100
PASCO	592,669						
Low		590,800	612,500	624,300	628,100	626,800	624,100
Medium		628,500	680,600	723,900	759,000	788,400	815,800
High		666,200	748,700	823,400	889,900	950,000	1,007,500
PINELLAS	972,852						
Low		947,200	935,000	921,000	905,800	891,200	878,100
Medium		986,700	1,005,400	1,020,500	1,032,300	1,042,300	1,051,600
High		1,026,100	1,075,700	1,120,000	1,158,800	1,193,400	1,225,100
POLK	770,019						
Low		768,800	799,500	816,000	822,400	821,900	819,200
Medium		817,800	888,400	946,100	993,900	1,033,800	1,070,900
High		866,900	977,200	1,076,200	1,165,300	1,245,700	1,322,500
PUTNAM	74,249						
Low		71,000	68,900	67,000	65,100	63,300	61,600
Medium		74,700	75,300	75,900	76,300	76,700	77,000
High		78,400	81,800	84,800	87,600	90,100	92,400
ST. JOHNS	296,919						
Low		303,700	329,000	343,700	351,400	354,900	356,700
Medium		326,600	371,700	408,000	437,800	463,900	488,600
High		349,400	414,500	472,200	524,300	572,900	620,500
ST. LUCIE	350,518						
Low		350,800	366,400	374,700	378,100	378,300	377,500
Medium		373,200	407,100	434,500	457,000	475,800	493,500
High		395,600	447,800	494,200	535,800	573,400	609,400

Projections of Florida Population by County, 2025–2050, with Estimates for 2022

County and State	Estimates April 1, 2022	Projections, April 1					
		2025	2030	2035	2040	2045	2050
SANTA ROSA	196,834						
Low		194,000	200,000	202,400	201,900	199,800	197,200
Medium		208,600	226,000	240,300	251,500	261,200	270,200
High		223,200	252,000	278,100	301,200	322,500	343,100
SARASOTA	452,378						
Low		444,300	451,100	452,300	449,400	444,400	438,800
Medium		472,600	501,200	524,400	543,100	559,000	573,600
High		501,000	551,300	596,500	636,800	673,600	708,400
SEMINOLE	484,054						
Low		475,300	478,900	478,200	474,100	468,500	463,000
Medium		500,300	523,400	541,900	556,100	567,900	578,800
High		525,400	567,800	605,600	638,100	667,300	694,600
SUMTER	141,420						
Low		144,000	154,900	161,200	163,900	164,300	163,800
Medium		156,500	178,000	196,000	210,700	223,600	235,700
High		169,000	201,200	230,800	257,600	282,800	307,600
SUWANNEE	44,688						
Low		43,300	43,000	42,300	41,500	40,700	39,900
Medium		45,600	46,900	48,000	48,700	49,300	49,800
High		47,900	50,900	53,600	55,900	57,900	59,800
TAYLOR	21,375						
Low		20,400	19,800	19,200	18,500	18,000	17,400
Medium		21,700	22,000	22,200	22,400	22,600	22,800
High		23,000	24,200	25,300	26,300	27,200	28,100
UNION	15,550						
Low		15,200	14,900	14,600	14,200	13,800	13,400
Medium		16,300	16,900	17,300	17,700	18,100	18,300
High		17,400	18,800	20,100	21,200	22,300	23,300
VOLUSIA	572,815						
Low		565,000	572,200	571,500	566,200	559,500	553,100
Medium		594,700	625,300	647,600	664,200	678,200	691,400
High		624,500	678,500	723,700	762,100	796,900	829,700
WAKULLA	35,169						
Low		34,300	34,800	34,700	34,300	33,700	33,100
Medium		36,900	39,300	41,200	42,800	44,100	45,300
High		39,400	43,800	47,700	51,200	54,500	57,500
WALTON	79,544						
Low		79,300	83,300	85,200	85,600	85,000	84,100
Medium		86,200	95,700	103,600	110,100	115,700	121,000
High		93,100	108,200	122,000	134,600	146,300	157,900
WASHINGTON	25,461						
Low		24,400	24,000	23,500	22,900	22,200	21,600
Medium		26,000	26,700	27,200	27,600	28,000	28,300
High		27,600	29,400	31,000	32,400	33,700	34,900
FLORIDA	22,276,132						
Low		22,754,400	23,604,900	24,135,000	24,414,800	24,543,000	24,599,200
Medium		23,218,800	24,588,500	25,675,600	26,537,900	27,270,000	27,953,600
High		23,683,200	25,572,000	27,216,100	28,660,900	29,997,000	31,308,000