

Delaware Population Consortium



Delaware Population Consortium Meeting

Where: Hybrid Format

In-Person: Room 321, Haslet Armory, Dover DE 19901

Via Teams:

Join on your computer or mobile app

[Click here to join the meeting](#)

Or join by entering a meeting ID

Meeting ID: 214 487 324 068

Passcode: MBcPzx

When: Thursday, October 27, 2022 10am-noon

Agenda

- 1. Welcome**
- 2. Review and approval of meeting minutes from 8/25/2022**
- 3. 2022 DPC projection series update (Ed Ratledge)**
 - County & State
 - Municipal
- 4. Other Business**
- 5. Adjourn**

NOTE: Please mark your calendars for an added DPC meeting on 12/8 @ 10am.

MINUTES

**Delaware Population Consortium Meeting
Hybrid Format Meeting In-Person and via Teams**

August 25, 2022

The meeting was held on Thursday August 25, 2022; in Haslet Armory Room 321 and virtually using Teams.

The meeting was called to order by Chair Dan Blevins at 10:13 AM.

The following persons were present:

Officers:

Dan Blevins, Chair, WILMAPCO
Matt Rogers, Vice-Chair, New Castle County Government
Owen Robatino, Secretary, New Castle County Government

Voting Members:

Samantha Bulkilvish, OMB
Terry Pepper, DSHS
Jennifer Miles, DHSS
Art Jenkins, DOL
Anson Gock, DelDOT
Matthew Harris, City of Wilmington
Marilyn Smith, Dover/Kent MPO
Mary Ellen Gray, City of Dover
Michael Petit de Mange, Kent County Government
Joshua Solge, City of Newark

Others in Attendance:

James Galvin, Dover/Kent MPO
Joshua Thomas, OMB
Ed Ratledge, UD CADSR
Malcolm Jacob, Dover/Kent MPO
Jacob Higgins, City of Newark
Maridelle Dizon, DHSS
Mike Ward, Dover/Kent MPO
E. Thompson, Franklin and Prokopik
Jamie Fenske, Kent County Government
Kristen Krenzer

MINUTES

Review and Approval of Meeting Minutes from 7/28/2022: 1st Matt Rogers, 2nd Samantha Bulkilvish. Approved.

BUSINESS

2022 DPC Projection Series Update:

Ed Ratledge said he has nearly completed the fertility and mortality estimates, and is still working on the migration estimates. He expects to receive some information next month on the components.

Ed recently sent out estimates of the resident population for incorporated places in Delaware based on the Census. He displayed and discussed a spreadsheet of this data from 2020 to 2021. He said a post enumeration test showed for Delaware a five percent overcount, half from duplications between electronic filing and paper filing. He also said there may also be a problem caused by the use of averages, resulting in a six percent population overestimate. Such problems can radically shift estimates from year to year, and we may see changes in estimates over the next year or so to reduce the shifting.

Ed said the spreadsheet data for Newark has a counting problem with group quarters data, as discussed during the last meeting. This problem resulted from UD students going home during the pandemic, and different sources including the Census and ACS show different numbers. The migration component of population data in particular is a problem, and is not always available on an annual basis. The migration component won't be solidified until county data are integrated within the estimating process.

Seasonal / Municipal Projections Update

Ed displayed and discussed a spreadsheet of Seasonal Population Projections over time for each county. Dan asked about household sizes, and Ed indicated they are based on when the seasonal houses are occupied. They discussed average household sizes of 2.64 and 3.3, possibly for hotels/motels and beach houses respectively. Dan pointed out that traffic models can have a seasonal component, and DelDOT can use such data by traffic zone. Ed mentioned the potential for using vehicle occupancy data to estimate seasonal population. Dan and Ed also discussed periods of high traffic during the day, with lunchtime in Middletown busy because people who work at home go out around that time.

Dan then displayed and discussed maps of vacant units for seasonal use. He pointed out the maps show seasonal housing units concentrated near Delaware coast, with some on the Eastern Shore of Maryland toward Annapolis. He also displayed graphs and tables of seasonal employment data. He pointed out the graphs show an employment increase during the summer, with current employment numbers near those before the pandemic. The tables show more change in leisure/hospitality and retail than in other employment

types. In turn, Dan showed a map of downstate Delaware traffic zones where seasonal employment changes are concentrated near the coast. Ed and Dan discussed potential data sources, including employment and residency to help identify commuters. Dan said some origin/destination data might be commercially available with funding, and indicated he would send out a copy of the displays.

Samantha raised a question about data for the small town of Bethel and discussed it with Ed. She said Bethel's population has gone down over time, but the latest data show a spike. The ACS number for this town is quite high, and Ed said he would check it for a seasonal component.

OTHER BUSINESS

Samantha said the Census is collecting feedback for use in the 2030 Census, and provided a link to a webinar on 2010 Census data. Ed expressed concern about potential changes to ACS data, said data for lower-level Census areas including tracts are not reliable, and blamed the problem on Census efforts to protect privacy by moving around data. Dan mentioned recent data discrepancies in nearby small areas. Matt Harris asked about the cause of the lower-level data problem, and Ed replied it is done to avoid identifying individuals. Matt also asked if this is less of a problem in cities, and Ed said the problem happens everywhere. There was also discussion about potential effects of the lower-level data problem, including federal funding and updated urban boundaries.

ADJOURNMENT

The Consortium voted to adjourn the meeting at 11:07 AM.

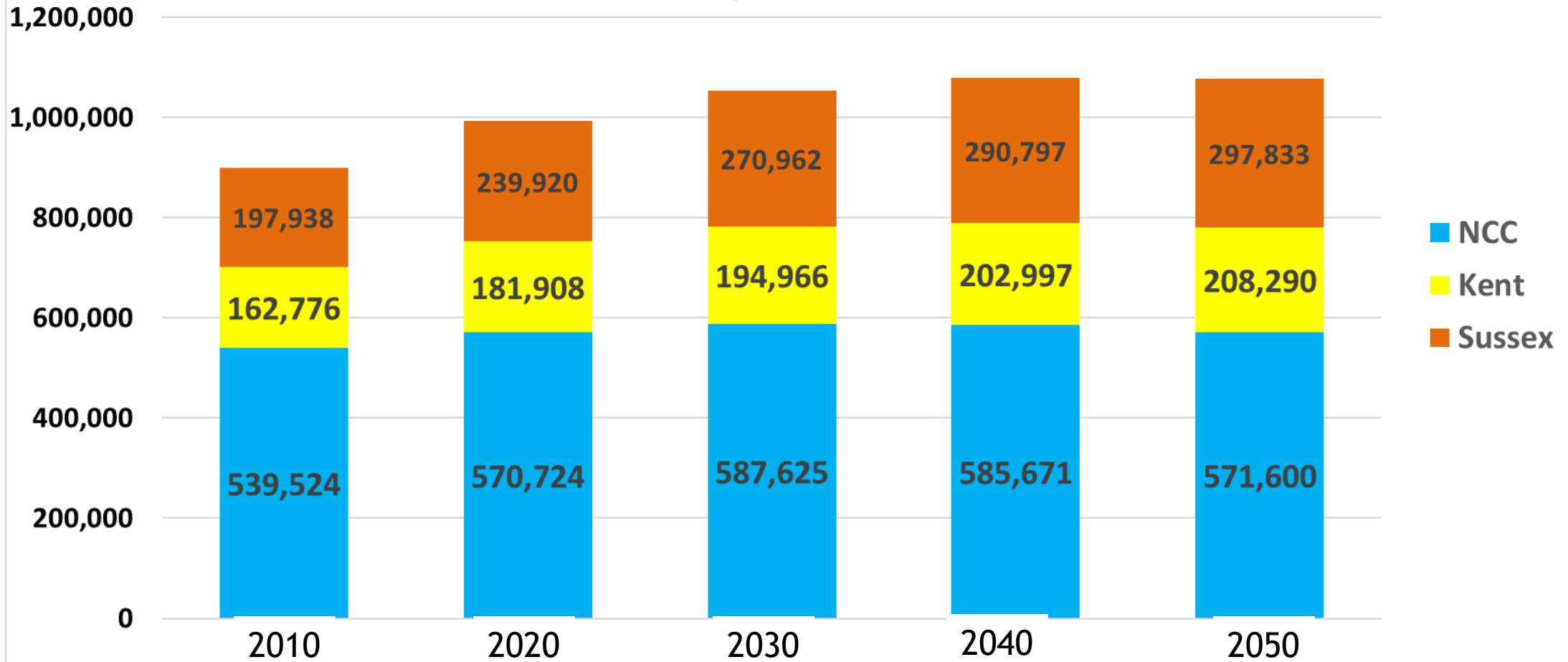
ATTEST: _____

Dan Blevins
Chair
Delaware Population Consortium

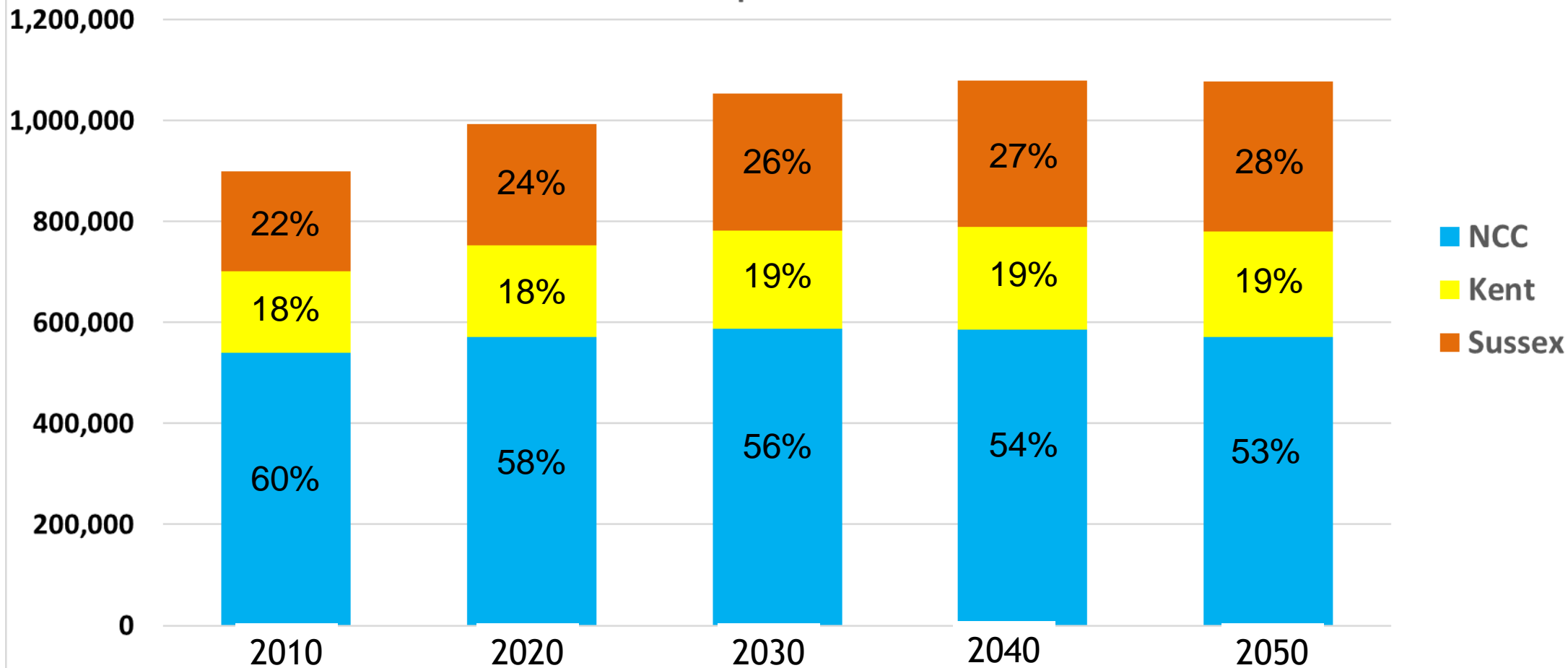
DRAFT

Draft DPC Projections Summary
October 2022

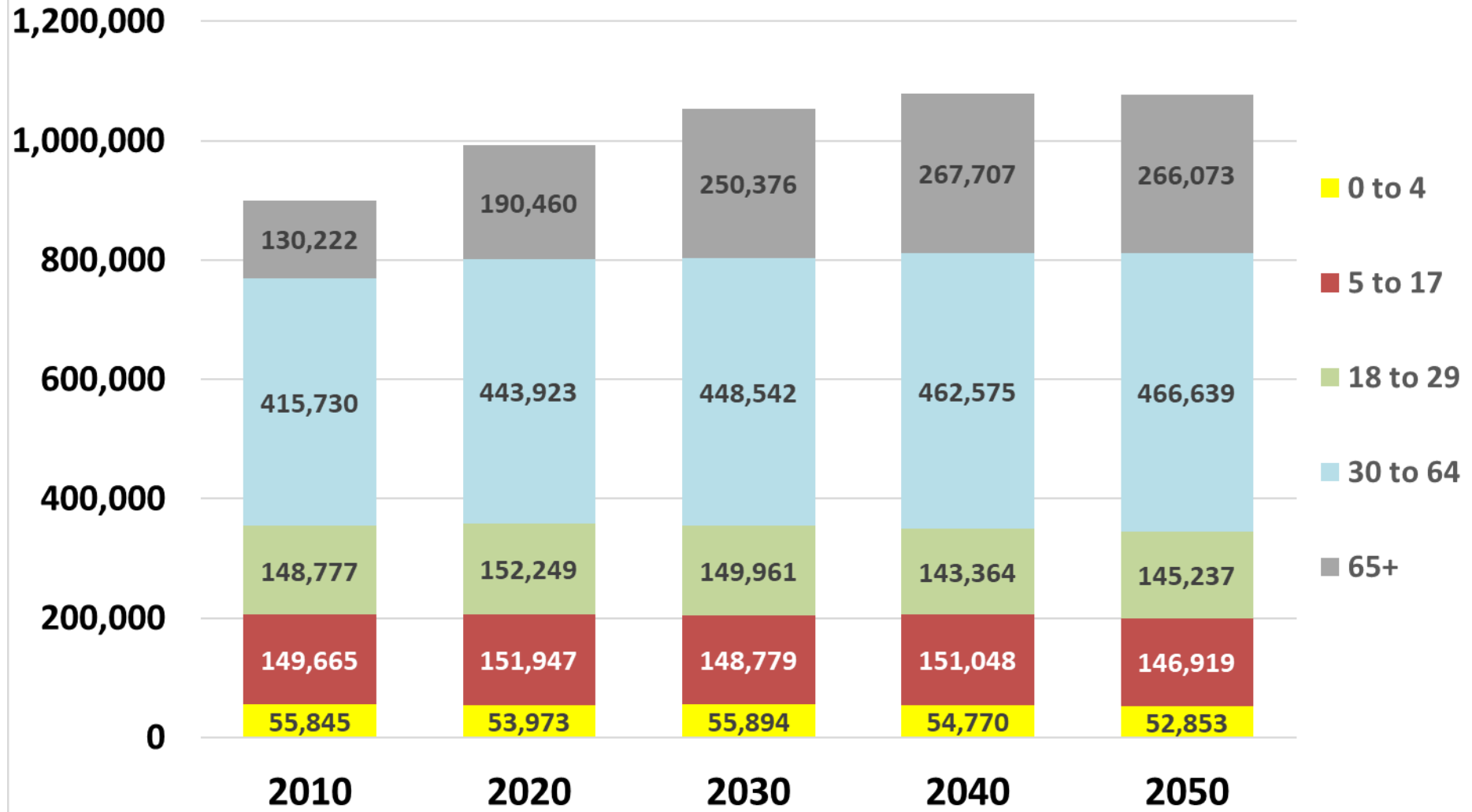
Total Population: 2010-2050



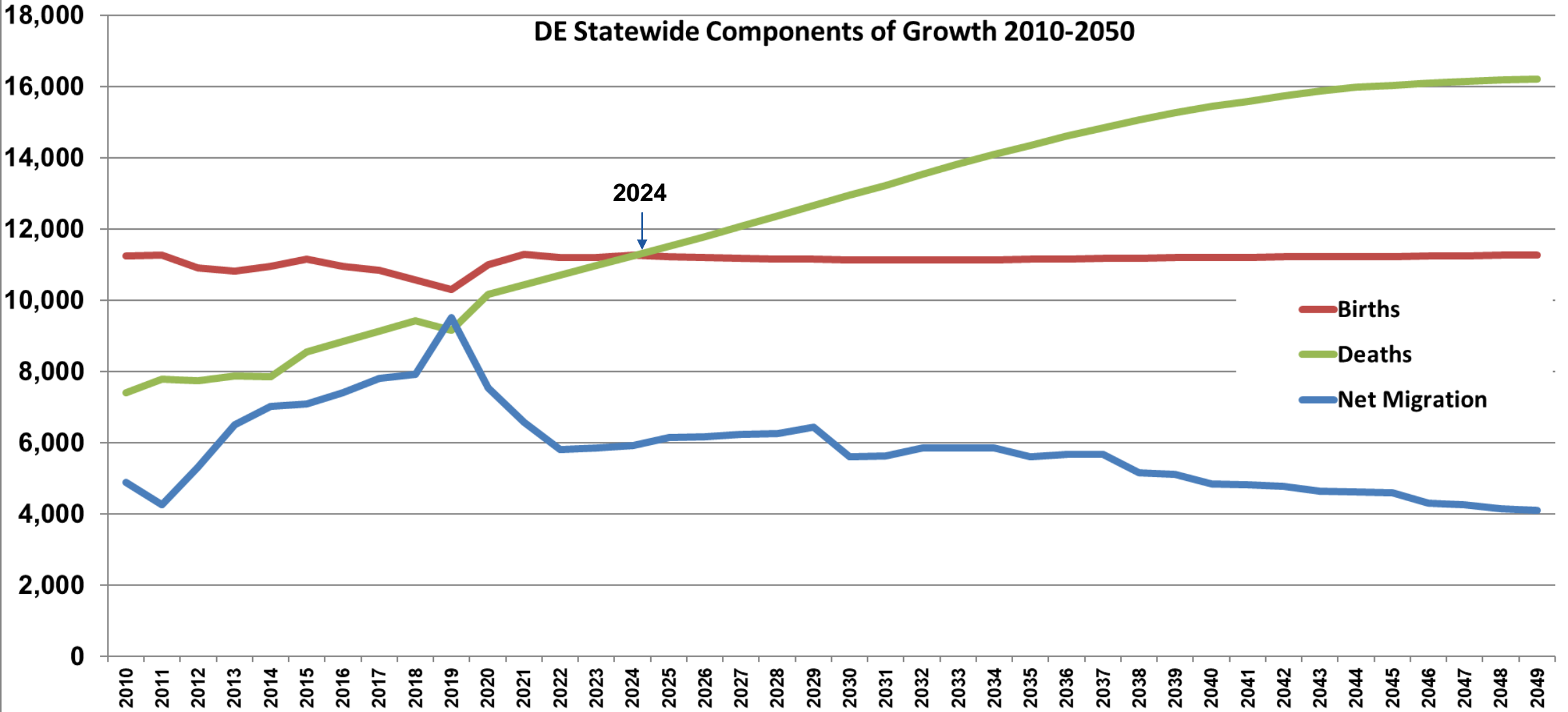
% Total Population: 2010-2050



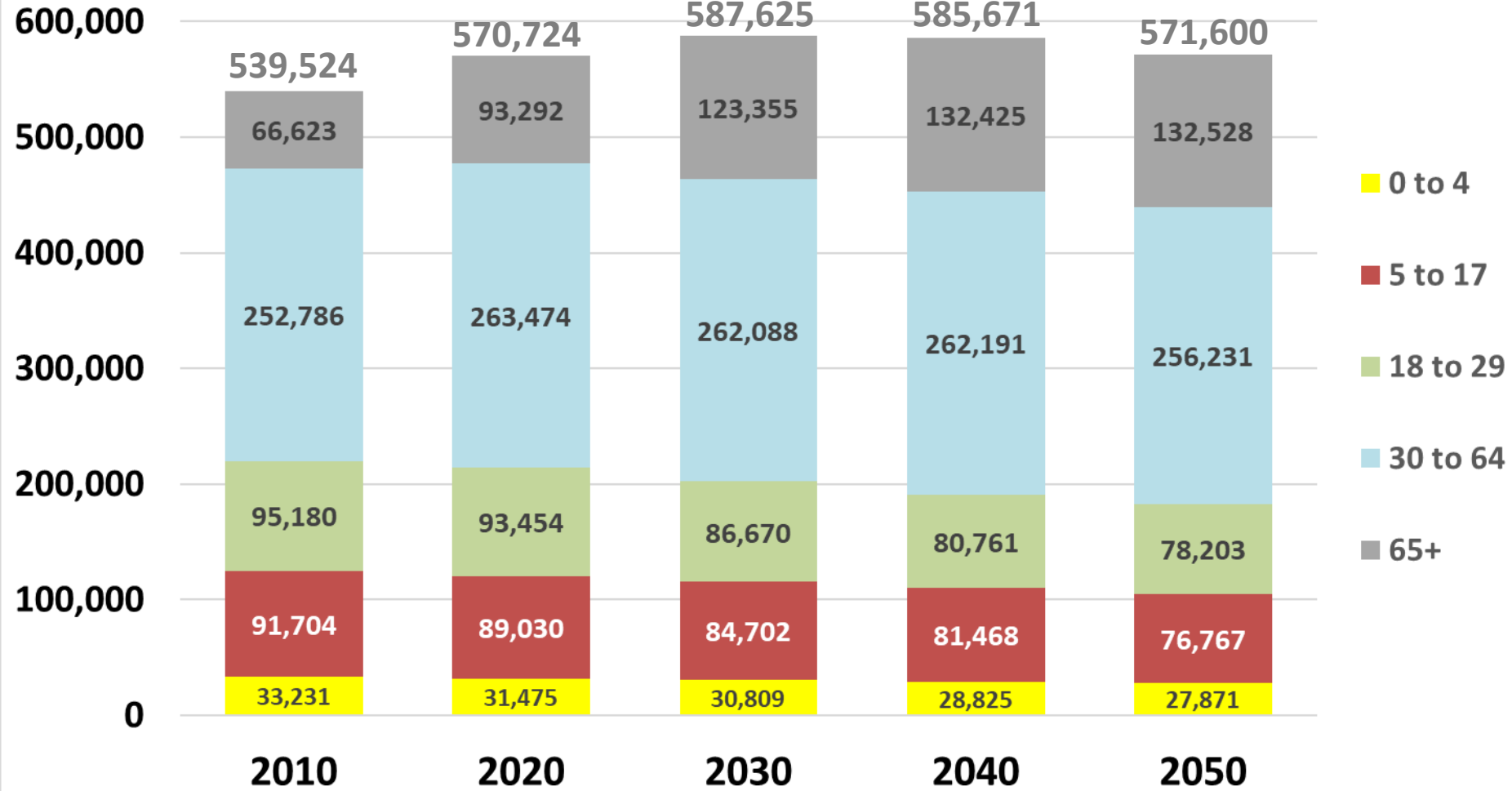
Delaware Age Breakdown 2020-2050



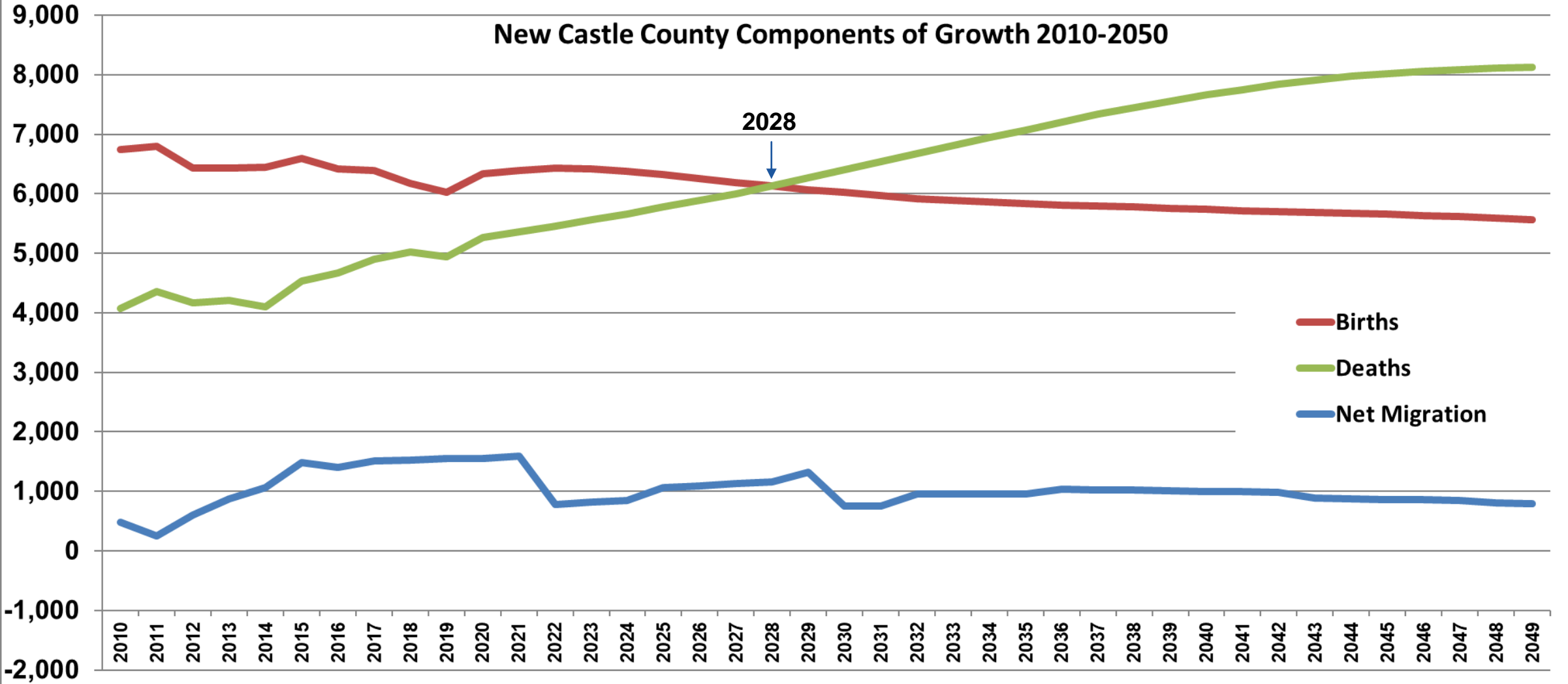
DE Statewide Components of Growth 2010-2050



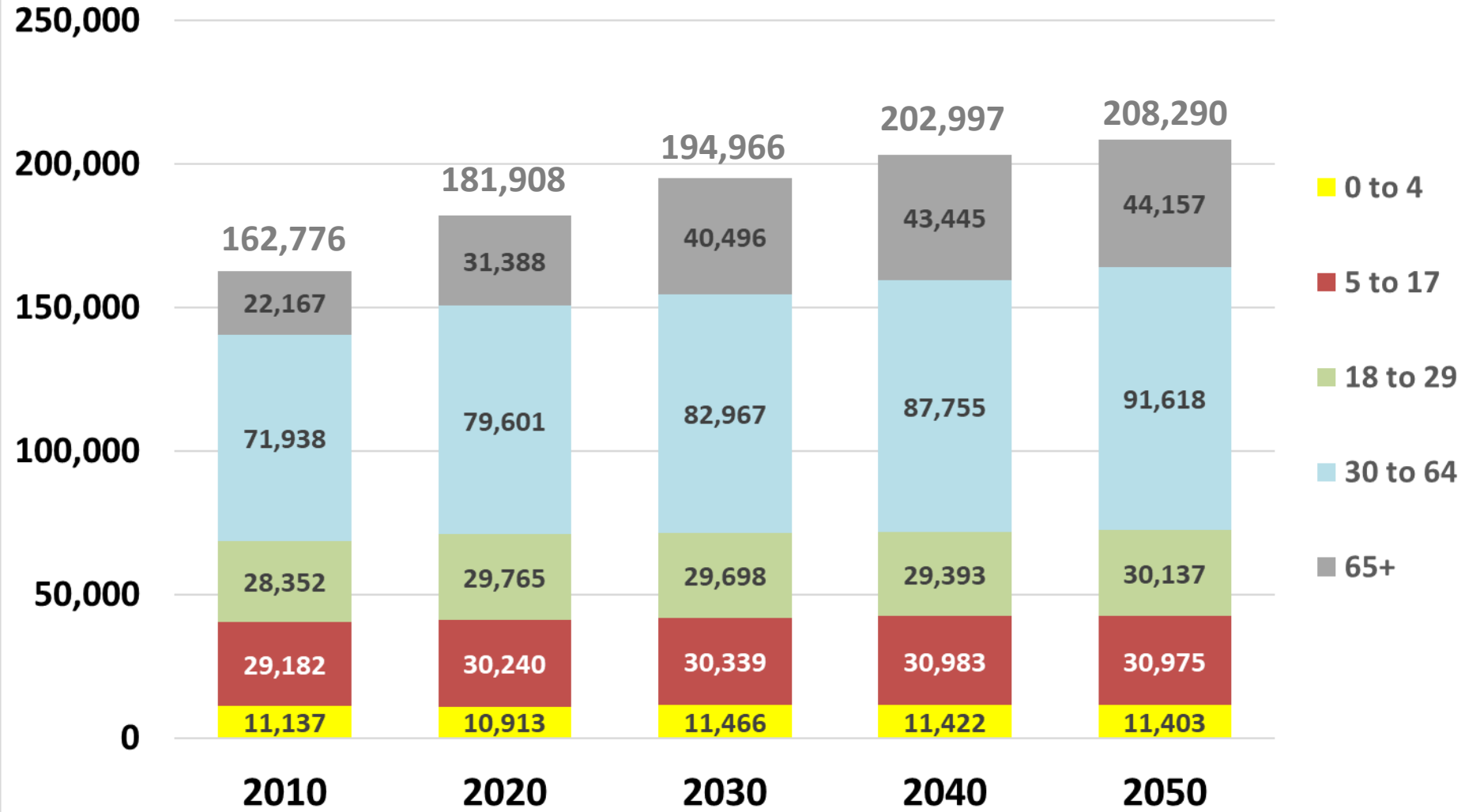
NCC Age Breakdown 2020-2050



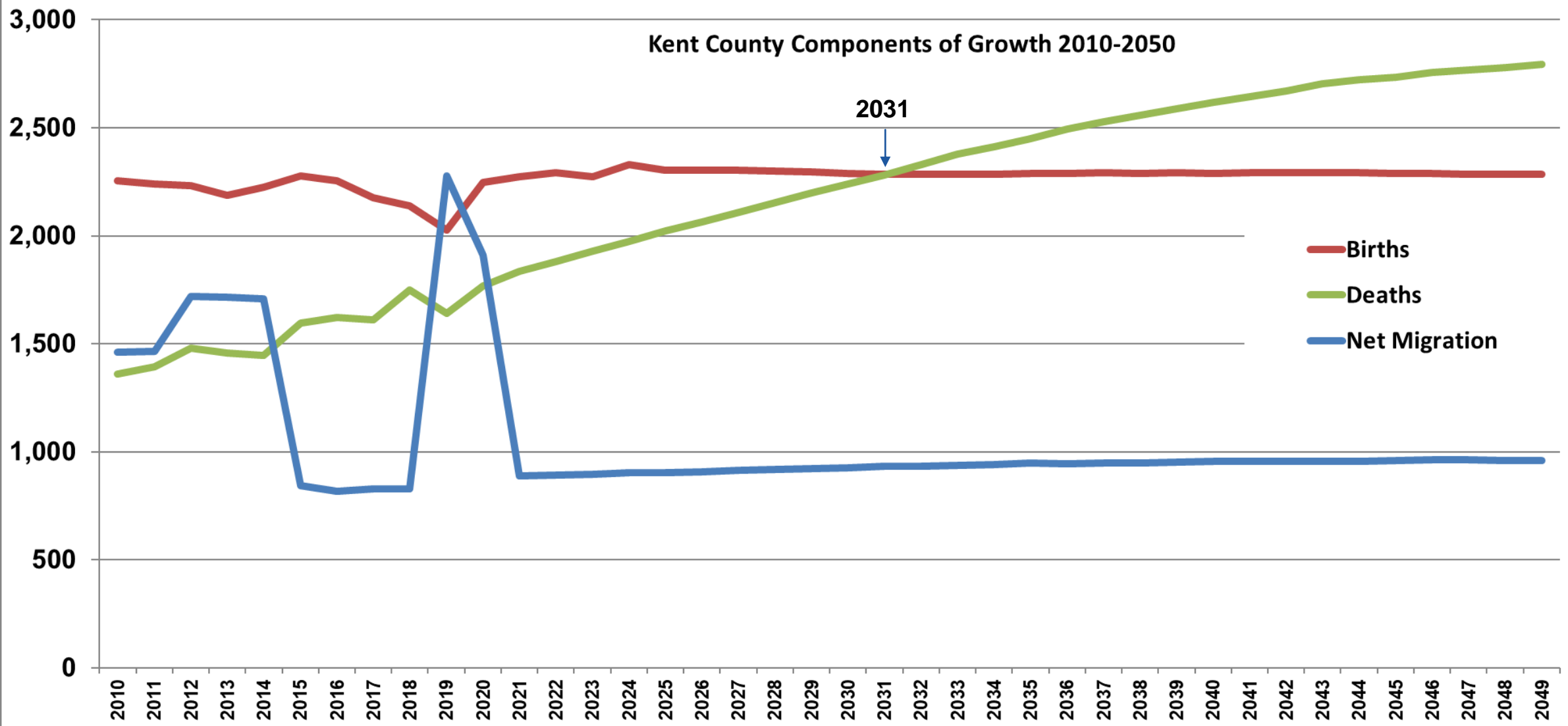
New Castle County Components of Growth 2010-2050



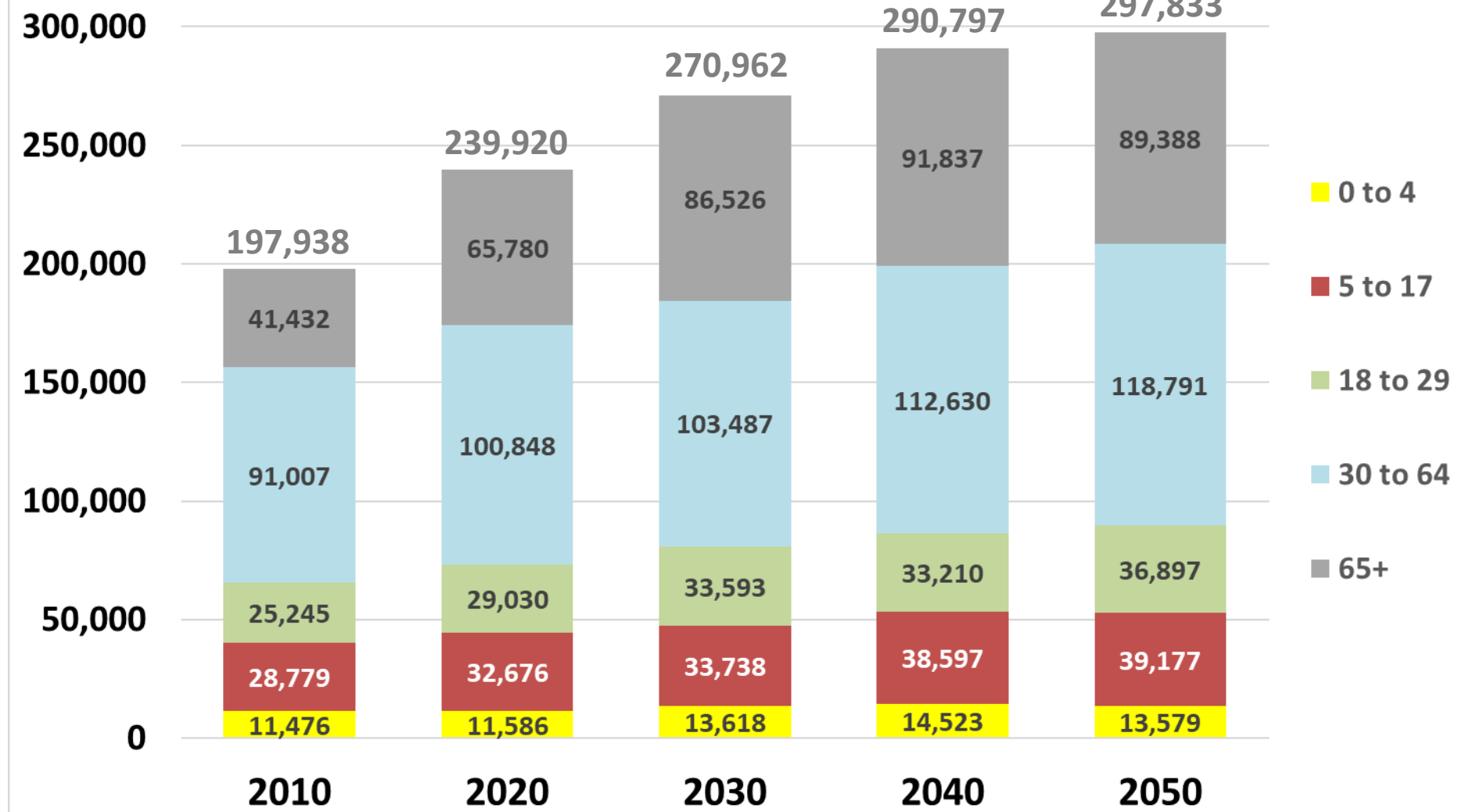
Kent Age Breakdown 2020-2050



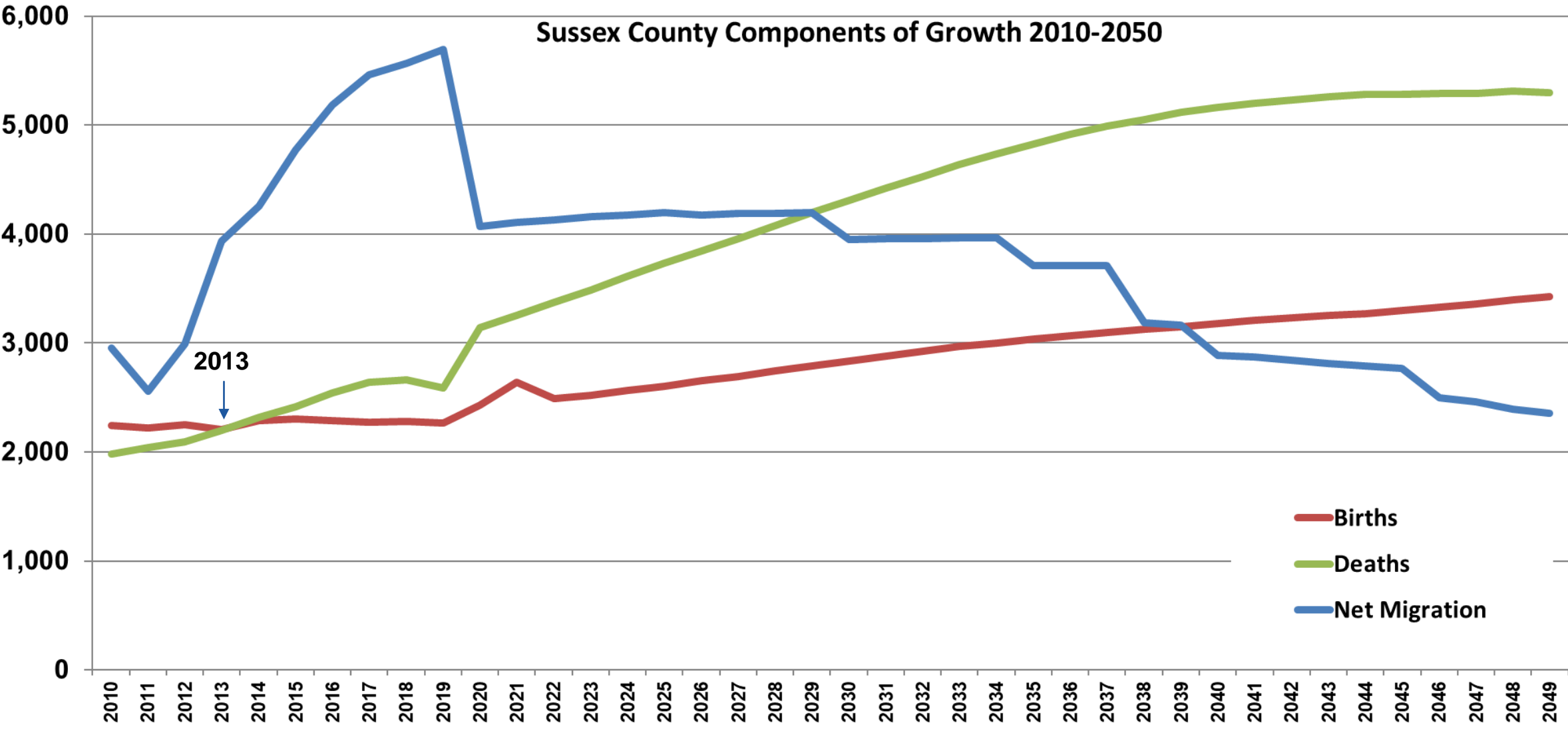
Kent County Components of Growth 2010-2050



Sussex Age Breakdown 2020-2050



Sussex County Components of Growth 2010-2050



Births
Deaths
Net Migration

Municipal Projections

Kent County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2030	2040	2050
Bowers town, Delaware	338	342	345	350	355	360	362	366	370	374	277	311	299	298
Camden town, Delaware	3,450	3,456	3,467	3,458	3,468	3,458	3,452	3,468	3,493	3,551	3,722	3,801	3,967	4,216
Cheswold town, Delaware	1,501	1,521	1,544	1,563	1,568	1,571	1,594	1,615	1,652	1,695	1,939	2,009	2,226	2,511
Clayton town, Delaware	2,946	2,980	3,019	3,057	3,092	3,147	3,195	3,259	3,363	3,508	3,991	4,231	4,797	5,545
Dover city, Delaware	35,894	36,300	36,720	36,724	36,949	36,967	37,229	37,416	38,008	38,166	39,491	41,032	43,172	45,017
Farmington town, Delaware	110	113	113	115	116	118	119	119	120	122	92	102	99	98
Felton town, Delaware	1,286	1,299	1,316	1,328	1,349	1,366	1,374	1,389	1,399	1,414	1,316	1,386	1,406	1,456
Frederica town, Delaware	763	771	782	790	803	813	820	829	837	849	1,082	1,117	1,302	1,548
Harrington city, Delaware	3,571	3,610	3,653	3,690	3,688	3,678	3,665	3,648	3,634	3,638	3,779	3,807	3,901	4,075
Hartly town, Delaware	68	68	71	70	73	72	74	73	75	76	73	77	79	84
Houston town, Delaware	369	374	378	383	388	391	394	399	400	405	381	400	406	421
Kenton town, Delaware	243	246	249	251	257	261	261	265	268	271	214	236	230	231
Leipsic town, Delaware	186	188	191	193	195	198	199	202	202	205	178	190	189	192
Little Creek town, Delaware	215	218	221	223	226	227	231	232	234	235	194	210	205	207
Magnolia town, Delaware	267	270	273	275	278	282	283	286	288	289	278	290	296	308
Milford city, Delaware (Kent part)	3,805	3,860	3,927	4,063	4,125	4,191	4,275	4,364	4,491	4,640	4,125	4,489	4,590	4,793
Smyrna town, Delaware	10,171	10,486	10,667	10,849	11,095	11,248	11,323	11,515	11,593	11,813	12,964	13,481	14,680	16,270
Viola town, Delaware	152	155	155	158	160	160	161	162	163	165	140	150	147	149
Woodside town, Delaware	176	179	179	182	184	186	187	191	192	193	190	198	204	215
Wyoming town, Delaware	1,321	1,338	1,376	1,392	1,426	1,447	1,470	1,499	1,536	1,549	1,690	1,773	1,944	2,169

Municipal Projections

New Castle County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2030	2040	2050
Arden village, Delaware	433	435	435	438	438	440	440	441	441	440	430	435	434	430
Ardencroft village, Delaware	211	212	213	214	216	215	217	216	216	216	226	227	233	237
Ardentown village, Delaware	267	268	268	270	270	272	271	270	271	270	255	259	255	250
Bellefonte town, Delaware	1,191	1,192	1,192	1,192	1,186	1,181	1,174	1,163	1,163	1,164	1,226	1,216	1,233	1,241
Delaware City city, Delaware	1,777	1,786	1,793	1,805	1,813	1,822	1,826	1,826	1,832	1,837	1,890	1,908	1,948	1,974
Elsmere town, Delaware	6,067	6,074	6,077	6,074	6,054	6,030	5,992	5,947	5,905	5,872	6,231	6,150	6,232	6,267
Middletown town, Delaware	18,970	19,324	19,519	19,739	20,041	20,501	21,055	21,611	22,358	22,900	23,312	24,736	26,486	28,257
New Castle city, Delaware	5,148	5,161	5,175	5,186	5,180	5,171	5,154	5,135	5,357	5,392	5,558	5,654	5,824	5,957
Newark city, Delaware	31,468	31,861	32,302	32,426	32,732	33,363	33,225	33,674	33,673	33,941	34,196	36,762	39,091	41,308
Newport town, Delaware	1,072	1,072	1,074	1,073	1,071	1,066	1,059	1,053	1,045	1,039	907	929	888	843
Odessa town, Delaware	362	361	370	369	369	366	365	361	360	360	366	364	365	362
Townsend town, Delaware	2,054	2,069	2,080	2,097	2,128	2,192	2,333	2,450	2,557	2,659	2,736	3,002	3,359	3,767
Wilmington city, Delaware	70,764	70,868	71,045	71,201	71,201	71,131	70,919	70,658	70,457	70,166	70,899	70,914	71,094	70,697

Municipal Projections

Sussex County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2030	2040	2050
Bethany Beach town, Delaware	1,059	1,072	1,086	1,103	1,123	1,146	1,169	1,194	1,221	1,245	951	1,148	1,158	1,143
Bethel town, Delaware	173	175	177	179	182	187	189	193	196	201	241	265	309	357
Blades town, Delaware	1,244	1,259	1,274	1,292	1,315	1,340	1,367	1,396	1,426	1,454	1,177	1,392	1,418	1,413
Bridgeville town, Delaware	2,015	2,040	2,065	2,096	2,137	2,176	2,221	2,270	2,320	2,366	2,583	2,868	3,210	3,536
Dagsboro town, Delaware	792	802	812	824	838	855	871	892	910	927	872	990	1,048	1,086
Delmar town, Delaware	1,590	1,596	1,614	1,641	1,669	1,695	1,727	1,764	1,787	1,822	2,039	2,244	2,522	2,790
Dewey Beach town, Delaware	341	346	350	355	362	369	376	384	392	400	353	407	423	431
Ellendale town, Delaware	370	376	379	385	390	400	407	416	424	434	490	542	615	689
Fenwick Island town, Delaware	380	384	389	394	402	410	418	427	436	445	342	412	416	411
Frankford town, Delaware	848	855	866	878	895	910	929	947	969	987	789	936	951	946
Georgetown town, Delaware	6,452	6,529	6,607	6,704	6,827	6,959	7,099	7,248	7,418	7,563	7,153	8,121	8,619	8,953
Greenwood town, Delaware	976	988	998	1,014	1,033	1,052	1,073	1,095	1,118	1,139	990	1,145	1,186	1,200
Henlopen Acres town, Delaware	123	124	126	128	130	132	135	138	141	144	139	157	168	175
Laurel town, Delaware	3,733	3,775	3,820	3,873	3,943	4,017	4,098	4,185	4,272	4,356	3,869	4,453	4,636	4,720
Lewes city, Delaware	2,858	2,893	2,927	2,968	3,020	3,077	3,137	3,201	3,261	3,322	3,318	3,718	4,008	4,234
Milford city, Delaware (Sussex part)	5,815	5,900	6,001	6,209	6,304	6,406	6,534	6,669	6,865	7,092	7,110	8,018	8,717	9,294
Millsboro town, Delaware	3,876	3,901	3,950	4,004	4,078	4,155	4,239	4,329	4,445	4,533	6,962	6,863	7,982	10,575
Millville town, Delaware	530	537	544	553	564	575	587	600	614	626	1,881	2,617	5,795	13,362
Milton town, Delaware	2,570	2,602	2,633	2,672	2,722	2,775	2,830	2,891	2,953	3,012	3,311	3,672	4,119	4,550
Ocean View town, Delaware	1,852	1,876	1,902	1,932	1,970	2,010	2,052	2,099	2,146	2,190	2,658	2,936	3,456	4,035
Rehoboth Beach city, Delaware	1,324	1,339	1,355	1,374	1,399	1,426	1,454	1,485	1,516	1,546	1,103	1,366	1,363	1,334
Seaford city, Delaware	6,918	7,002	7,082	7,177	7,298	7,427	7,567	7,718	7,865	8,013	7,985	8,943	9,625	10,149
Selbyville town, Delaware	2,172	2,196	2,224	2,257	2,298	2,341	2,389	2,440	2,492	2,540	2,898	3,201	3,648	4,102
Slaughter Beach town, Delaware	207	209	212	215	218	222	227	232	237	241	218	249	261	267
South Bethany town, Delaware	451	456	462	469	478	487	498	508	519	530	451	526	542	547

Countywide Changes in Population by Decade: 1970-2050

	1970- 1980	1980- 1990	1990- 2000	2000- 2010	2010- 2020	2020- 2030	2030- 2040	2040- 2050
New Castle	12,259	43,831	58,319	38,521	31,933	16,906	-1,954	-14,071
Kent	16,327	12,774	15,704	35,613	19,541	13,115	8,031	5,293
Sussex	17,648	15,225	43,409	40,507	42,775	31,042	19,835	7,036
Statewide	46,234	71,830	117,432	114,641	94,249	61,063	25,912	-1,742

Draft DPC projections