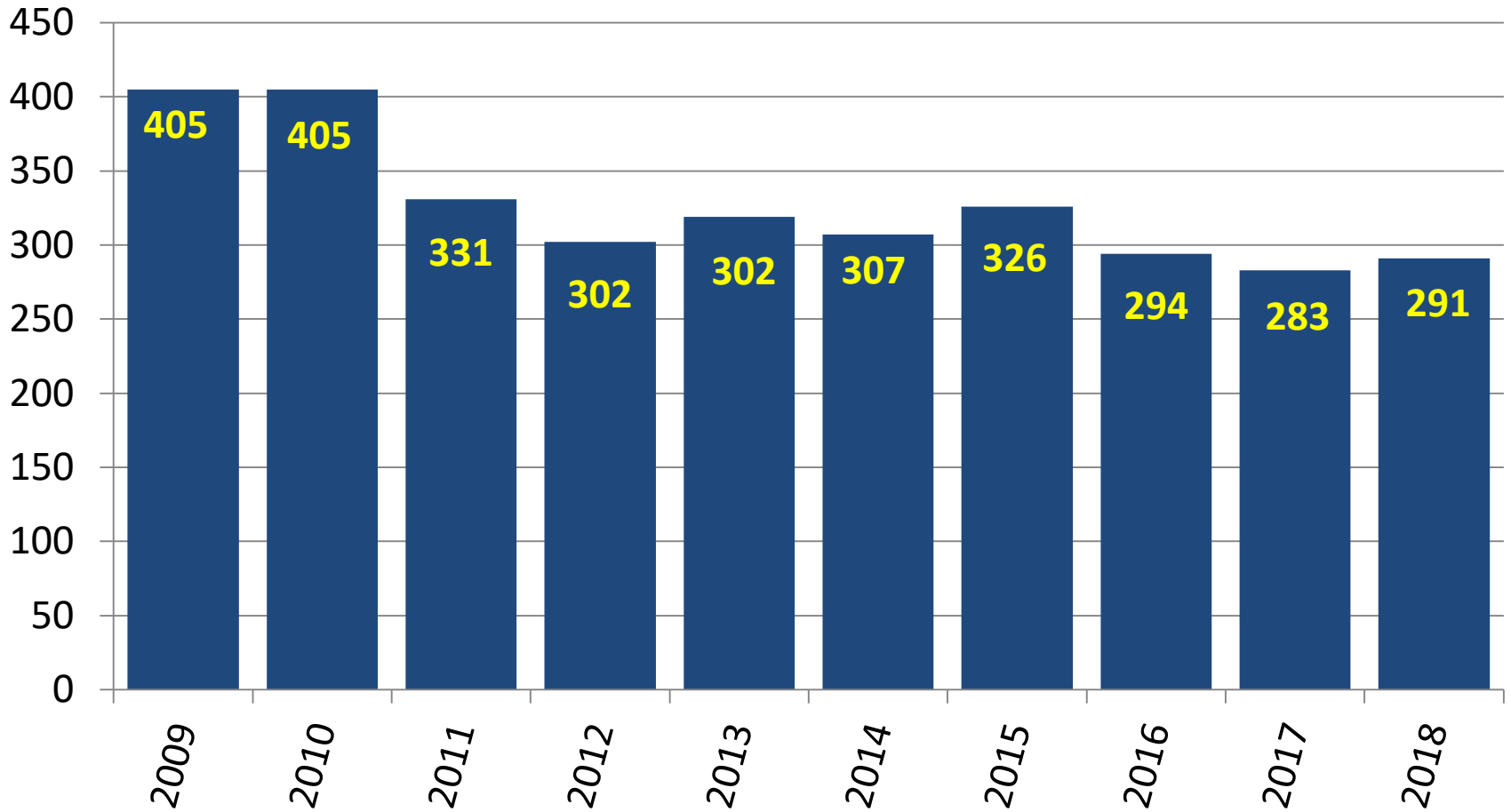


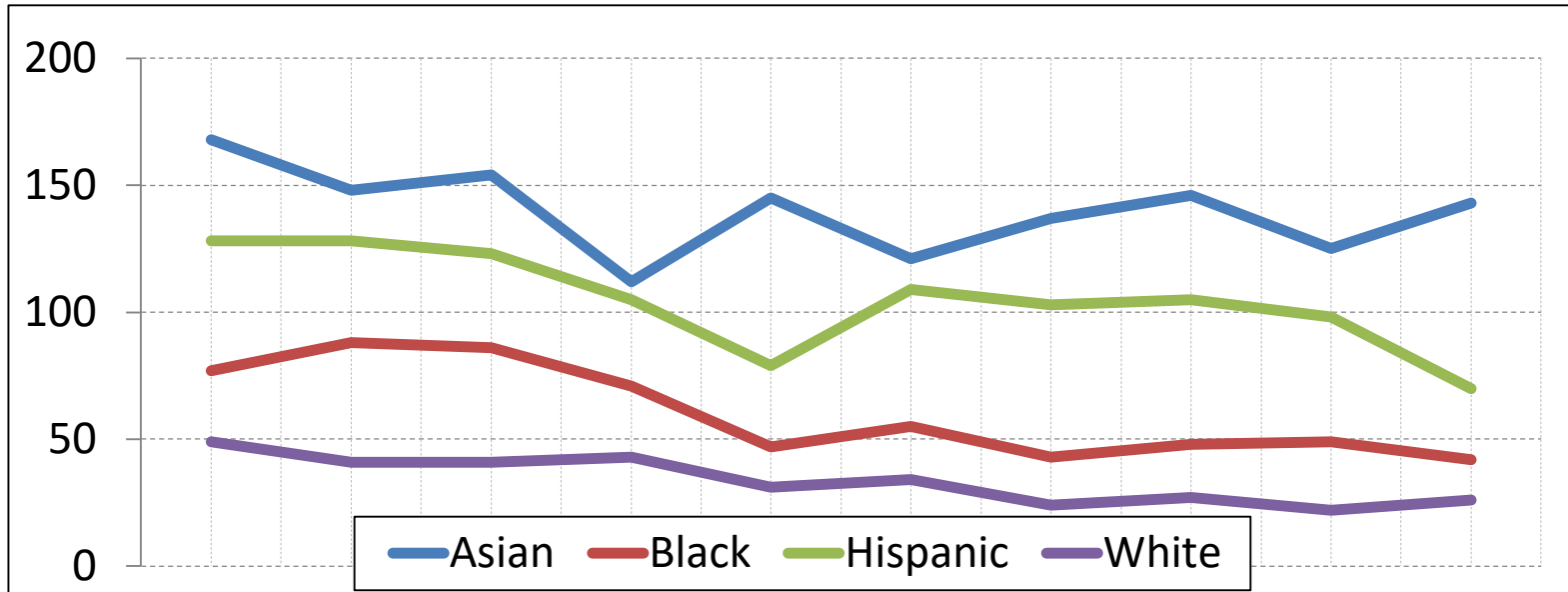
# TB Morbidity

## New Jersey, 2009–2018



# TB Morbidity by Race/Ethnicity

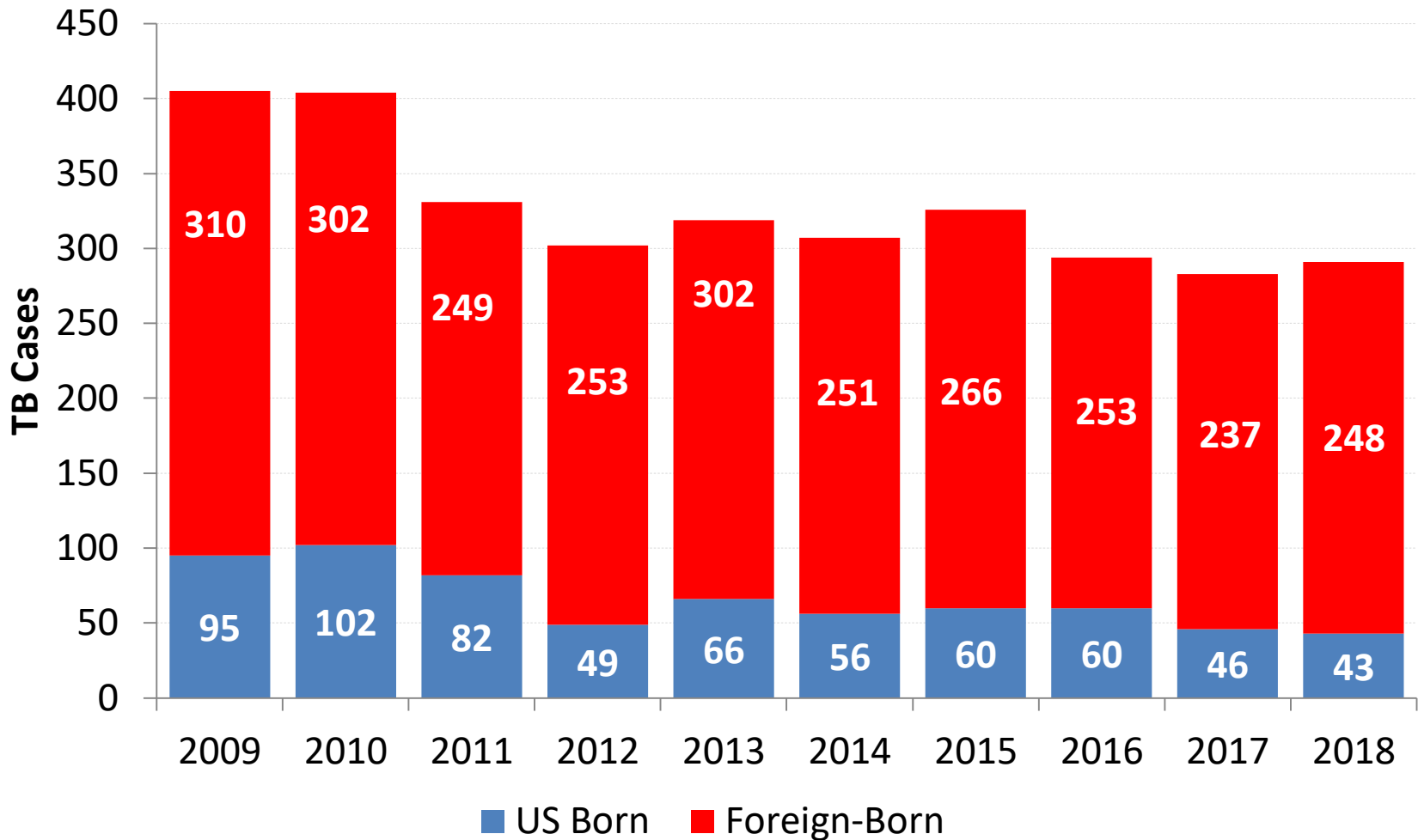
New Jersey, 2009–2018



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Asian	143	154	112	145	121	137	146	125	146	143
Hispanic	126	123	105	79	109	103	105	98	71	86
Black	89	86	71	47	55	43	48	49	42	44
White	44	41	43	31	34	24	27	22	24	18

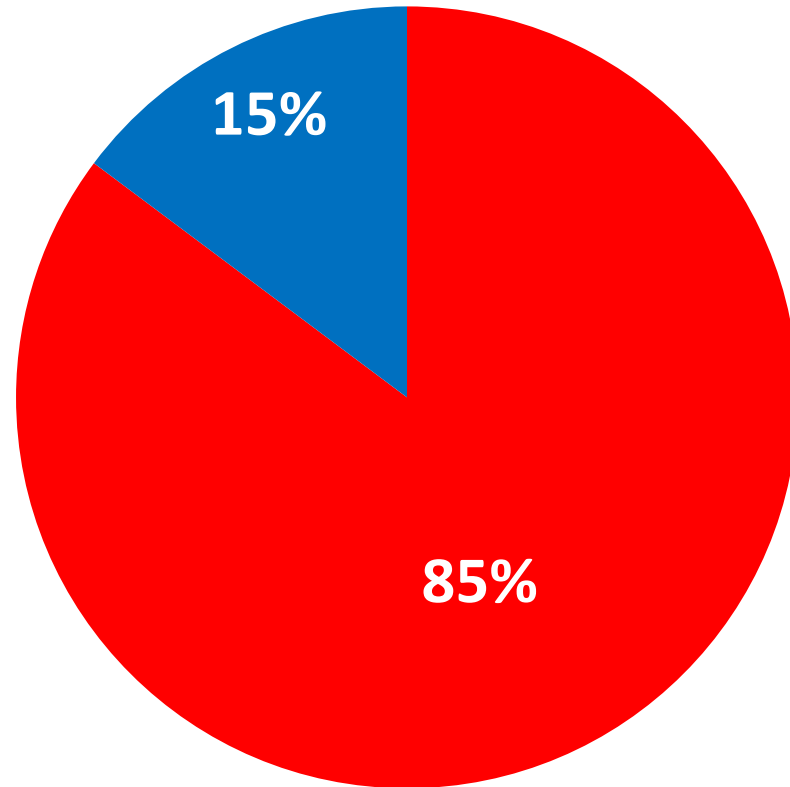
# TB Morbidity by Country of Birth

## New Jersey, 2009–2018



# TB Morbidity by Country of Birth

New Jersey, 2018 (N=291)



■ Foreign-born ■ US Born

# TB Morbidity Cases/Case Rates\* by County

## New Jersey, 2009–2018

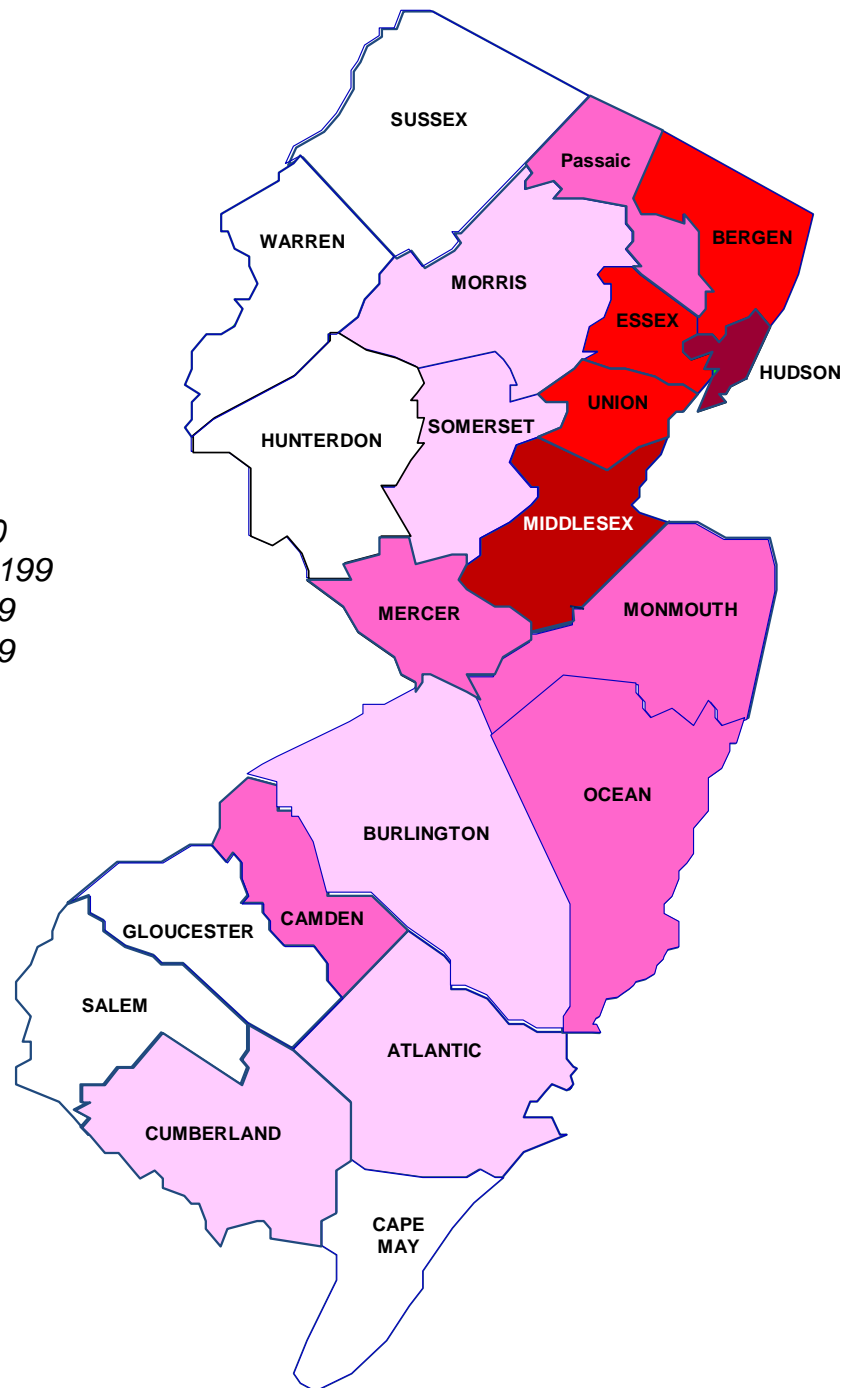
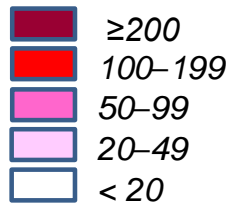
County	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Atlantic	14/5.2	12/4.4	8/2.9	9/3.3	10/3.6	9/3.2	13/4.7	5/1.8	6/2.2	1/.37
Bergen	37/4.0	43/4.8	29/3.2	38/4.2	37/3.9	29/3.1	35/3.7	30/3.2	14/1.4	35/3.7
Burlington	7/1.6	15/3.3	10/2.2	12/2.7	7/1.6	4/0.9	11/2.4	4/0.9	8/1.8	4/.90
Camden	15/2.9	10/1.9	12/2.3	10/2.0	15/2.9	11/2.1	11/2.2	12/2.3	10/2.2	11/2.2
Cape May	1/1.0	2/2.1	3/3.1	2/2.1	2/2.1	0/0.0	2/2.1	1/1.1	1/1.1	1/1.1
Cumberland	8/5.1	6/3.8	5/3.2	5/3.2	7/4.4	4/2.5	10/6.4	8/5.1	9/5.9	9/5.9
Essex	59/7.7	54/6.9	47/6.0	40/5.1	52/6.7	33/4.2	39/4.9	41/5.1	34/4.4	33/4.1
Gloucester	5/1.7	7/2.4	4/2.4	0/0.0	1/0.6	3/1.0	3/1.0	5/1.7	4/1.4	2/.68
Hudson	69/11.5	51/8.0	44/6.9	38/5.9	59/9.0	52/7.9	51/7.6	48/7.1	50/7.4	51/7.4
Hunterdon	2/1.5	2/1.6	2/1.6	0/0.0	1/1.0	0/0.0	4/3.2	0/0.0	4/3.2	2/1.6
Mercer	16/4.4	16/4.4	13/3.5	9/2.5	12/3.3	13/3.5	20/5.4	15/4.0	13/3.5	11/2.9
Middlesex	52/6.6	65/8.0	48/5.9	59/7.2	31/3.8	57/6.9	53/6.3	44/5.2	49/5.7	44/5.2
Monmouth	14/2.2	15/2.4	11/1.7	6/0.9	12/2.0	8/1.3	9/1.4	11/1.7	9/1.4	15/2.4
Morris	11/2.3	7/1.4	15/3.0	9/1.8	12/2.4	8/1.6	9/1.8	8/1.6	11/2.2	12/2.4
Ocean	9/1.6	17/2.9	15/2.6	7/1.2	8/1.4	18/3.1	9/1.5	9/1.5	11/1.7	3/.50
Passaic	28/5.7	32/6.4	24/4.8	20/4.0	25/5.2	21/4.2	11/2.2	18/3.5	19/3.7	19/3.7
Salem	3/4.5	2/3.0	0/0	1/1.5	0/0	1/1.5	2/3.1	0/0.0	0/0.0	1/1.6
Somerset	17/5.2	14/4.3	9/2.8	13/4.0	6/1.8	15/4.5	9/2.7	6/1.8	9/3.0	10/3.0
Sussex	2/1.3	1/0.7	1/0.7	2/1.3	3/2.0	0/0.0	0/0.0	1/0.7	0/0.0	0/0.0
Union	33/6.3	34/6.3	31/5.8	21/4.0	18/3.3	20/3.8	24/4.4	26/4.7	20/3.4	24/4.3
Warren	3/2.7	0/0.0	0/0.0	1/0.9	1/1.0	1/0.9	1/0.9	2/1.9	2/1.9	3/2.8
<b>State Total</b>	<b>405/4.7</b>	<b>405/4.6</b>	<b>331/3.8</b>	<b>302/3.4</b>	<b>319/3.6</b>	<b>307/3.5</b>	<b>326/3.7</b>	<b>294/3.3</b>	<b>283/3.2</b>	<b>291/3.3</b>

\*Cases per 100,000 population

Data Source: US Census Bureau Population estimates, July 1, 2017, (V2017)

# Counted TB Cases

## New Jersey, 2014–2018



# TB Morbidity and Case Rates\* Select Cities

## New Jersey, 2009–2018

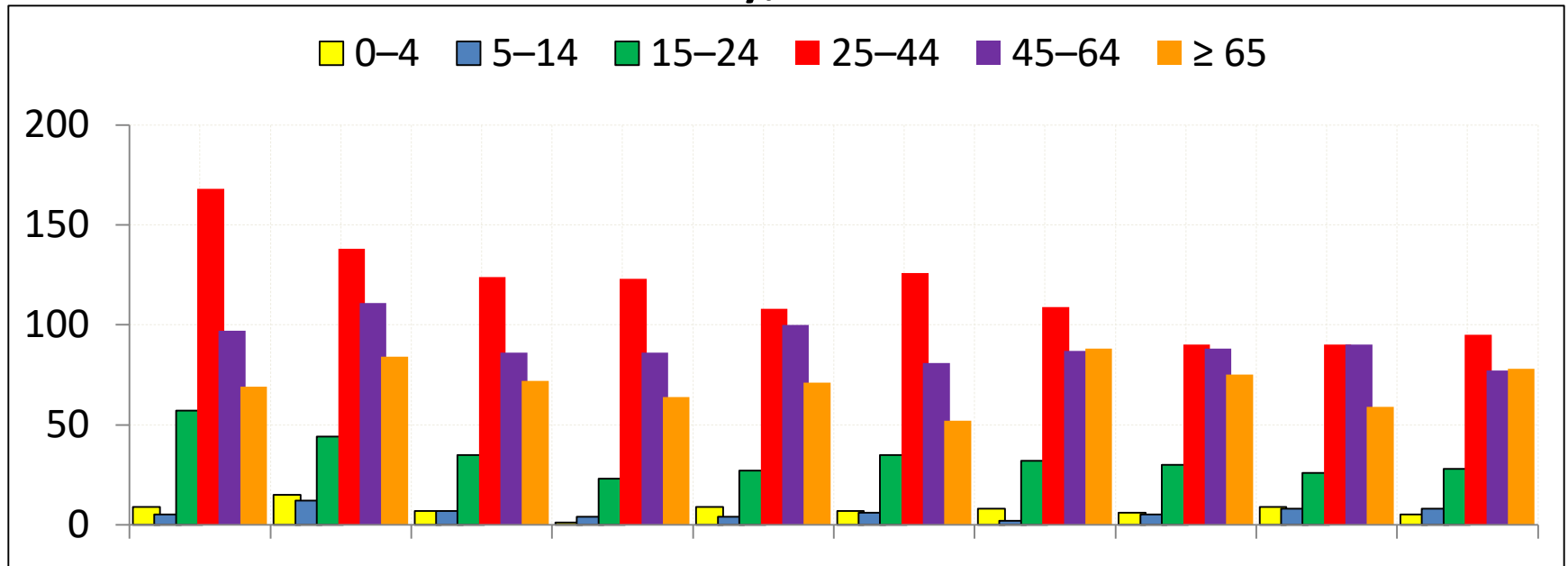
City	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Edison</b>	10/10.0	15/15.0	11/11.0	16/15.9	8/7.9	10/9.8	11/10.8	7/6.8	10/9.8	6/5.9
<b>Elizabeth</b>	8/6.4	12/9.6	14/11.2	8/6.4	11/8.7	10/7.8	12/9.3	11/8.5	12/9.3	10/7.7
<b>Jersey City</b>	43/17.7	33/13.3	21/8.5	28/11.2	34/13.4	34/13.0	29/11.1	31/11.3	32/3.5	29/10.7
<b>Newark</b>	27/9.7	25/9.0	20/7.2	20/7.2	28/10.1	14/5.0	19/6.8	20/7.0	10/3.5	18/6.3
<b>Paterson</b>	15/10.3	12/8.2	12/8.2	12/8.2	5/3.4	12/8.2	6/4.1	1/0.7	12/8.2	5/3.4

\*Cases per 100,000 population

Data Source: US Census Bureau Population estimates, July 1, 2017, (V2017)

# TB Morbidity by Age Group

New Jersey, 2009–2018

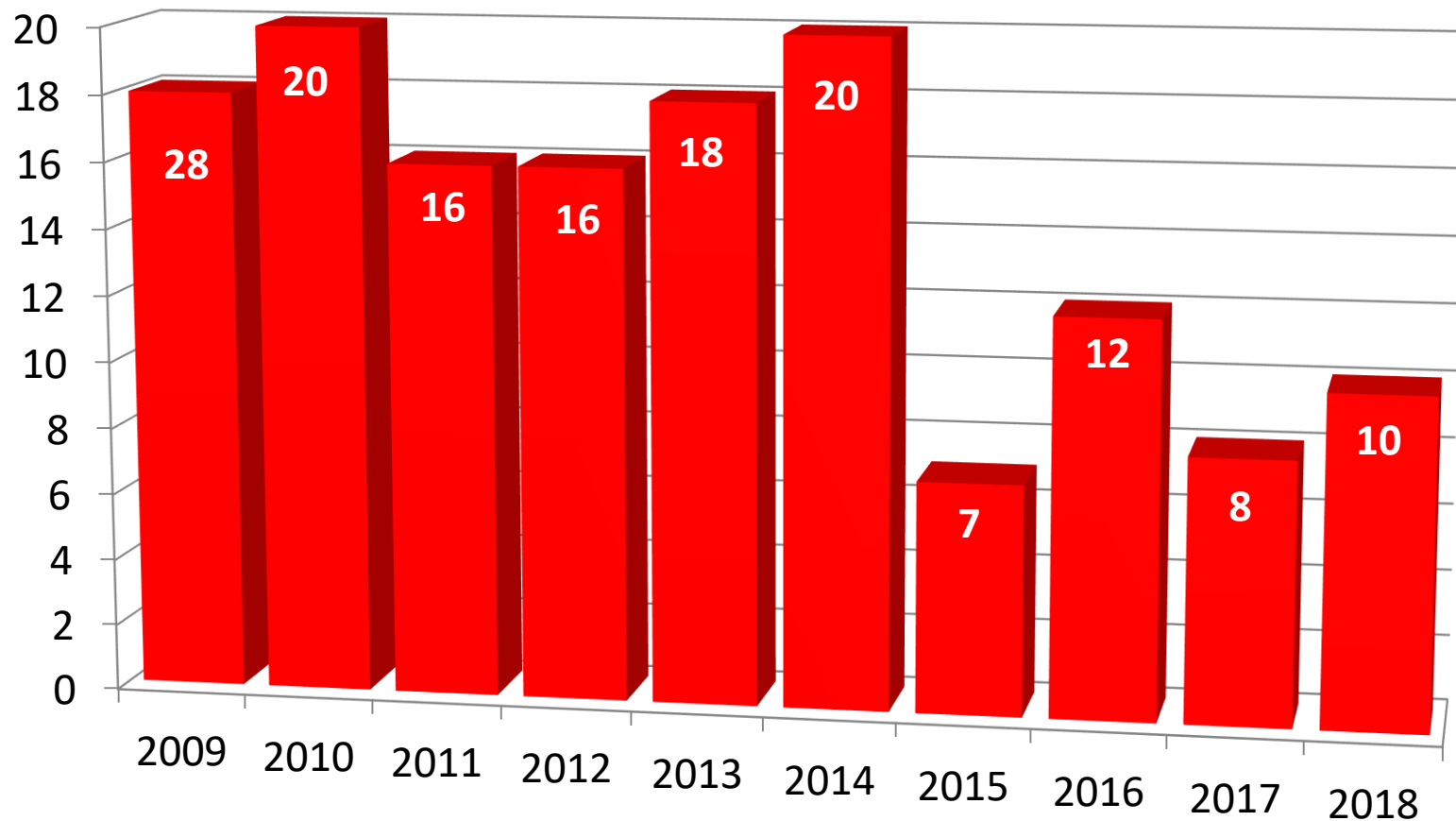


Age	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
0-4	9	15	7	1	9	7	8	6	10	5
5-14	5	12	7	4	4	6	2	5	8	8
15-24	57	44	35	24	27	35	32	30	26	28
25-44	168	139	124	124	108	126	109	91	92	95
45-64	97	111	86	86	100	81	87	88	89	77
≥ 65	69	84	72	64	71	52	88	74	58	78



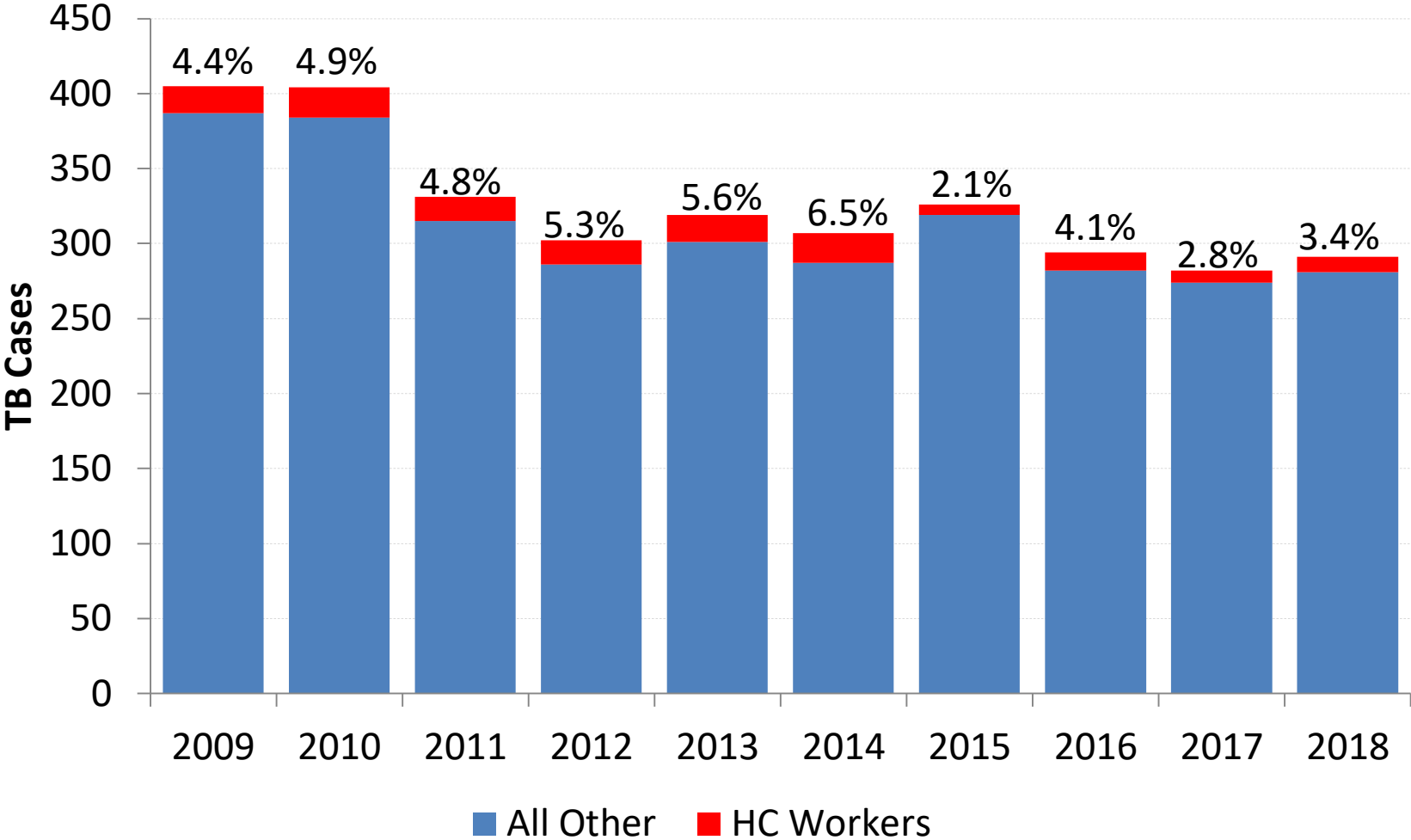
# TB Morbidity in Health Care Workers

New Jersey, 2009–2018



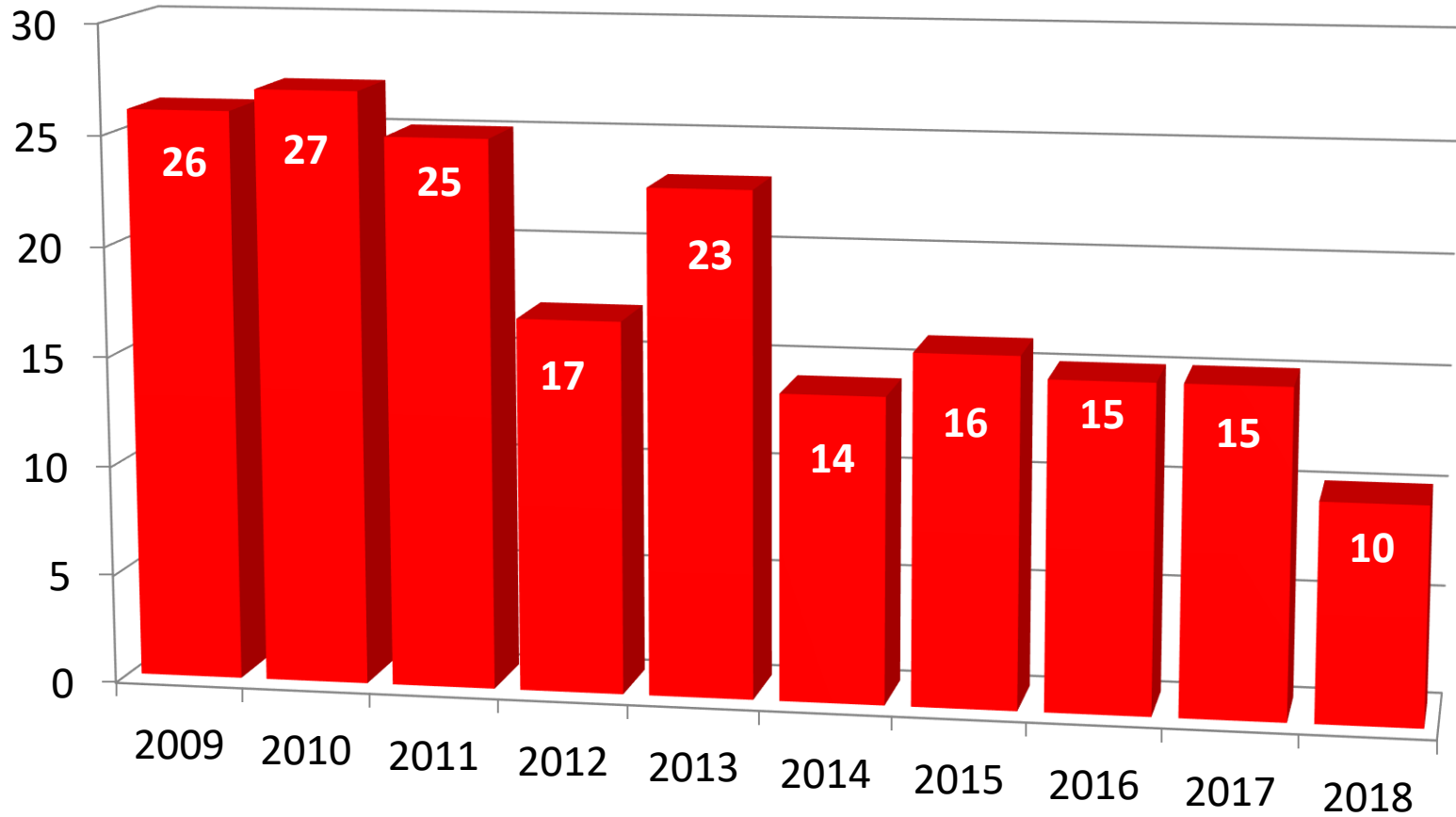
# TB Morbidity in Health Care Workers

New Jersey, 2009–2018



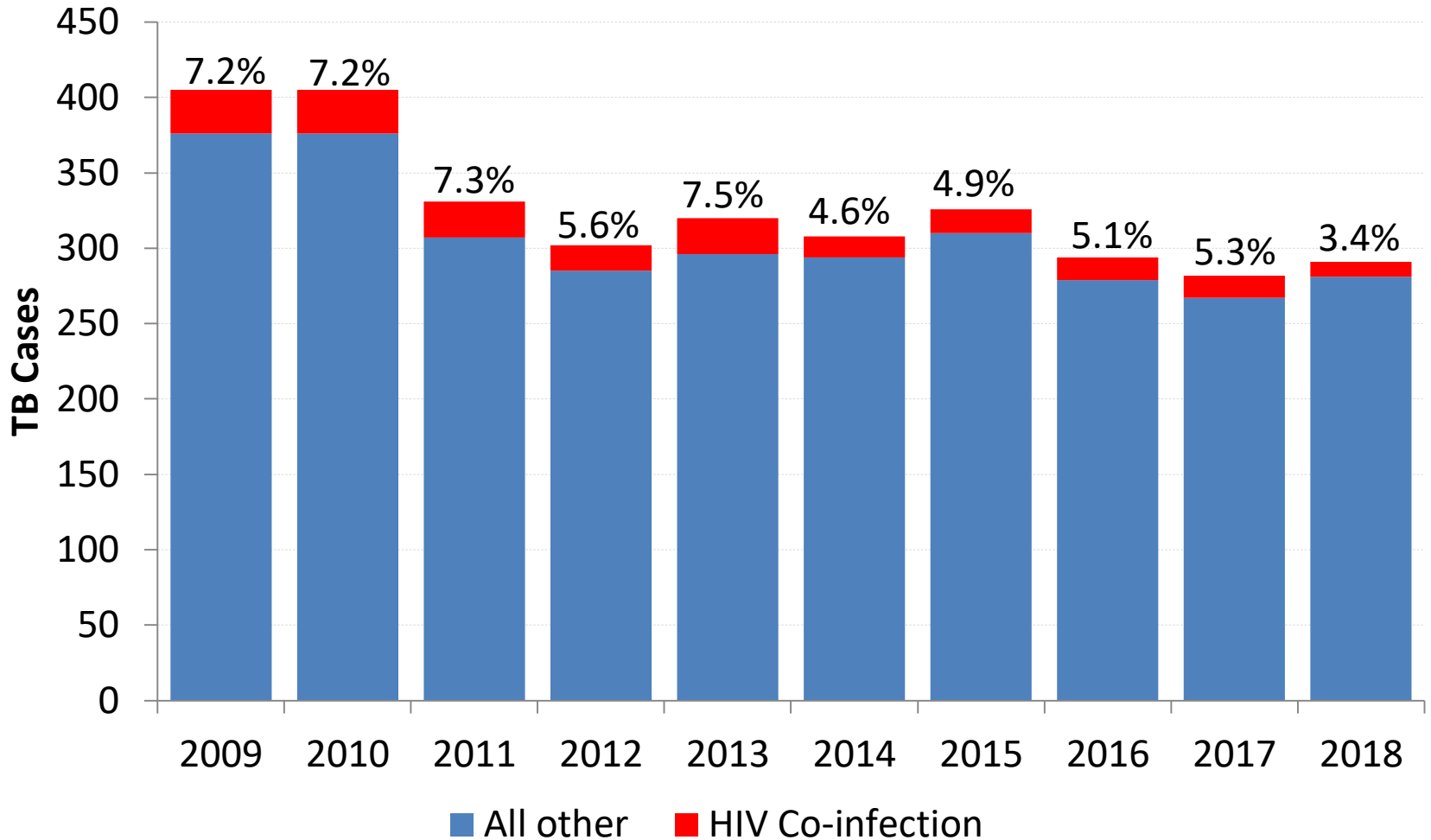
# TB/HIV Co-infection

## New Jersey, 2009–2018



# TB/HIV Co-infection

## New Jersey, 2009–2018



# Multi-Drug Resistant TB by County

## New Jersey, 2009–2018

County	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Atlantic	0	0	0	0	0	0	0	0	0	0
Bergen	2	1	0	1	1	1	0	0	0	0
Burlington	0	0	0	0	0	0	0	0	0	0
Camden	0	0	0	0	0	0	0	0	0	1
Cape May	0	0	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0	0	0
Essex	0	4	1	1	0	0	1	0	0	1
Gloucester	0	0	0	0	0	0	0	0	0	0
Hudson	2	0	3	0	2	1	2	1	0	2
Hunterdon	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	1	0	0	0	0	0	0	0
Middlesex	0	3	3	1	2	1	0	0	2	0
Monmouth	0	0	0	0	0	0	0	0	0	0
Morris	0	0	0	0	0	0	0	0	0	0
Ocean	0	0	0	0	0	1	0	1	1	0
Passaic	3	0	0	1	2	0	0	1	0	2
Salem	0	0	0	0	0	0	0	0	0	0
Somerset	1	0	0	0	0	0	0	0	0	0
Sussex	0	0	0	0	0	0	1	0	0	0
Union	1	0	0	0	0	0	0	0	0	1
Warren	0	0	0	0	0	0	0	0	0	0
<b>State Total</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>7</b>