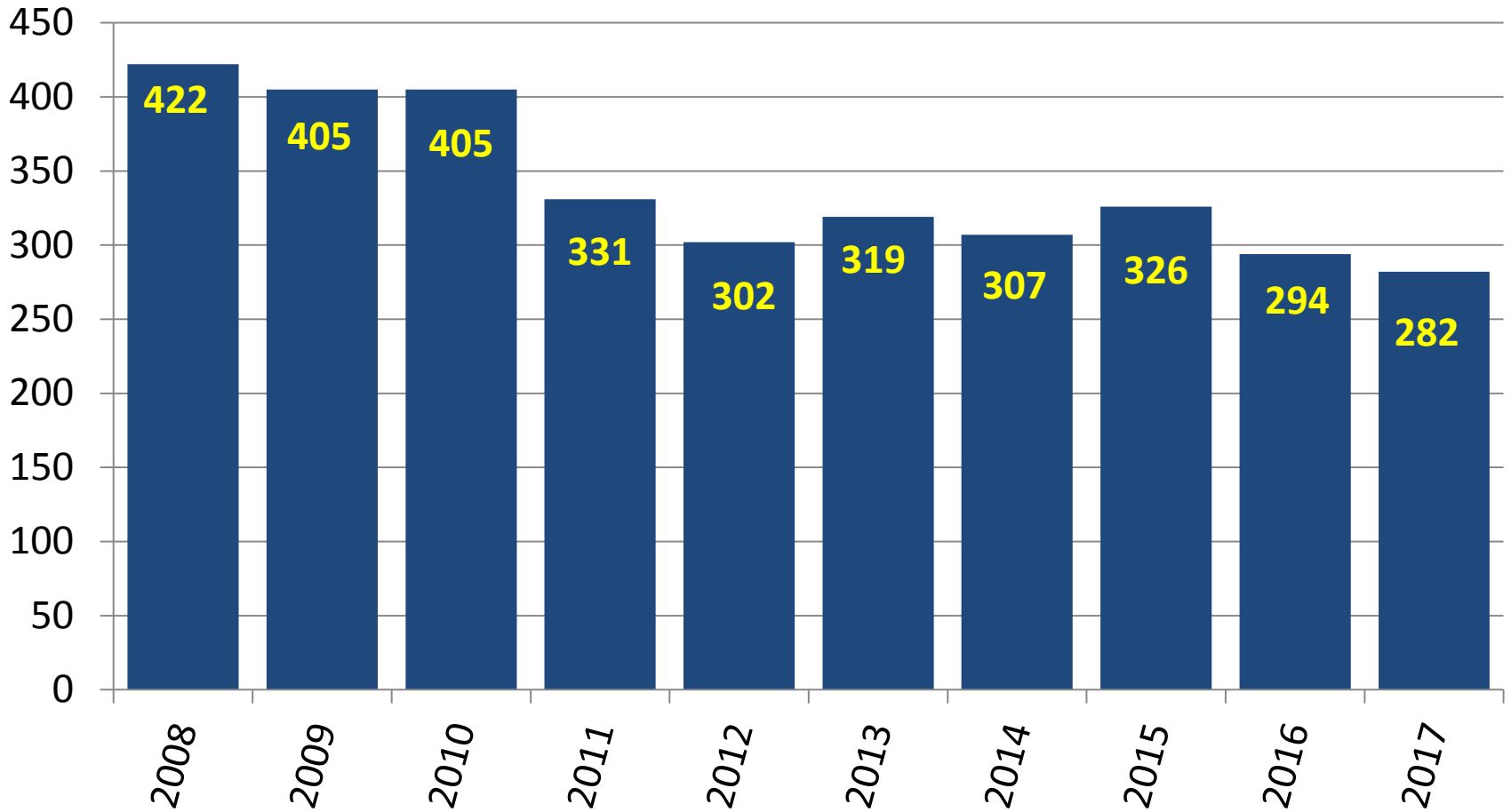


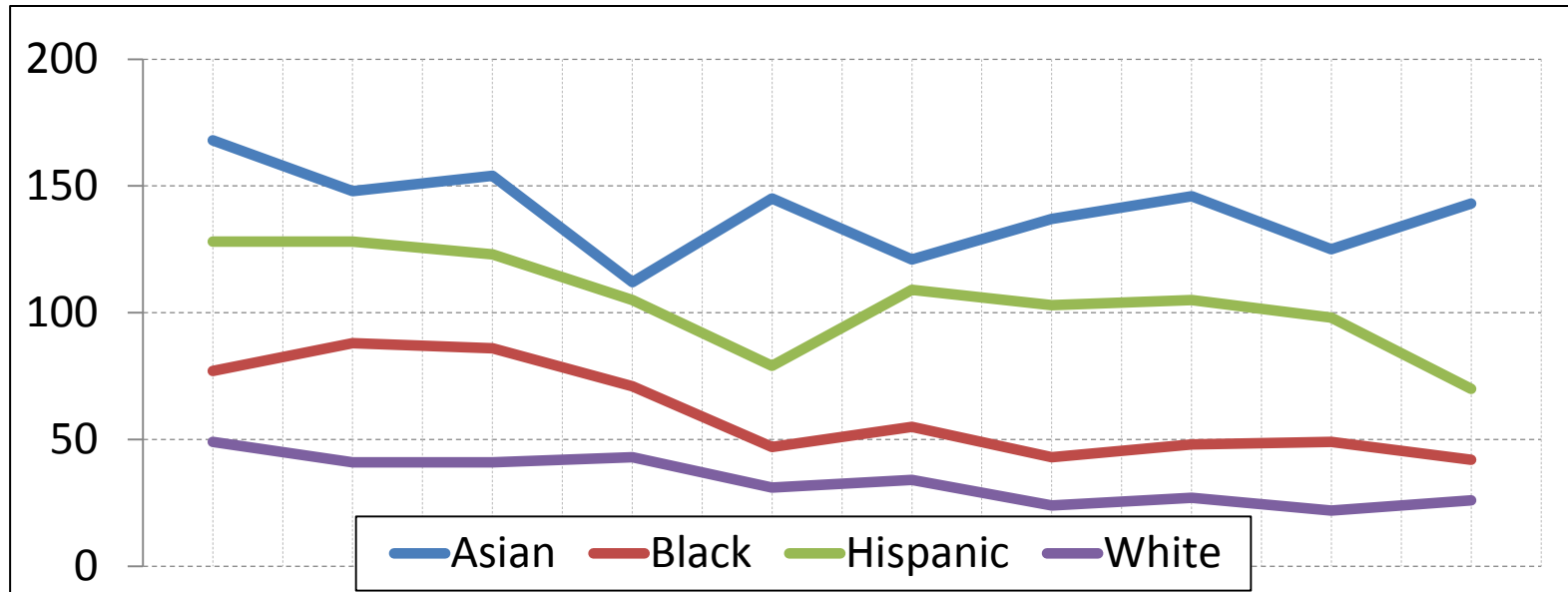
# TB Morbidity

## New Jersey, 2008–2017



# TB Morbidity by Race/Ethnicity

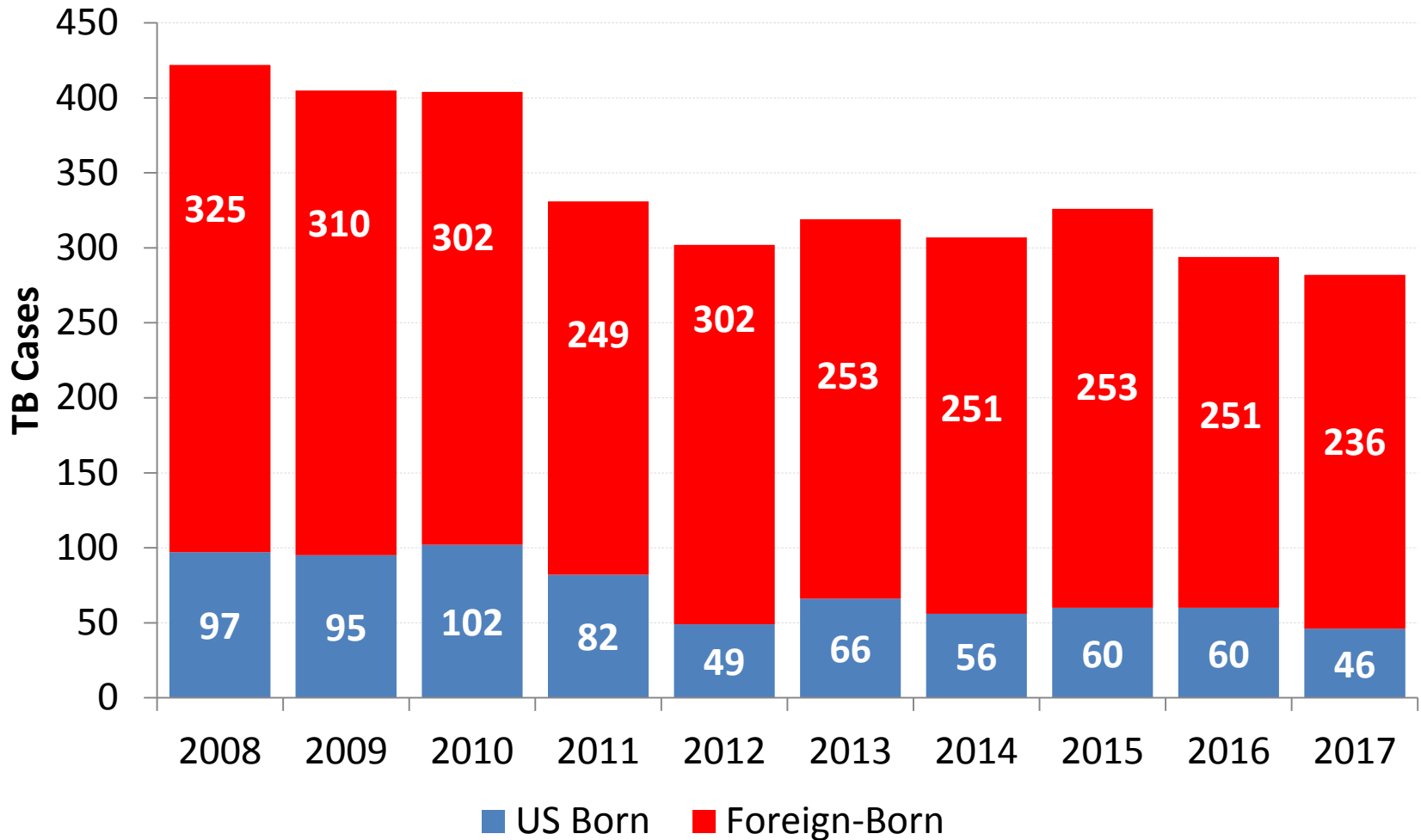
New Jersey, 2008–2017



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Asian	168	143	154	112	145	121	137	146	125	144
Black	77	89	86	71	47	55	43	48	49	42
Hispanic	128	126	123	105	79	109	103	105	98	70
White	49	44	41	43	31	34	24	27	22	26

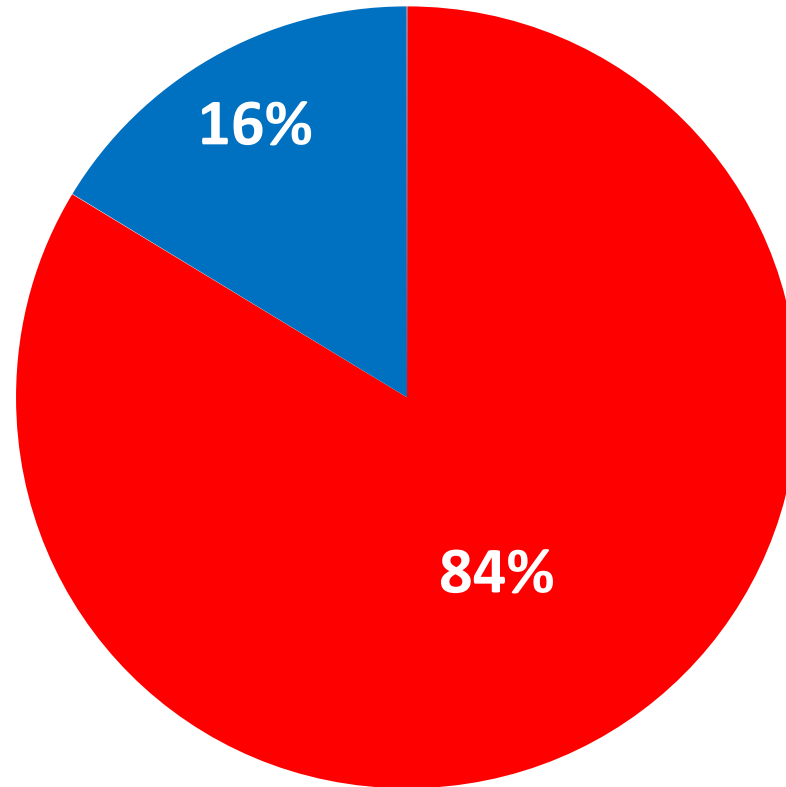
# TB Morbidity by Country of Birth

## New Jersey, 2008–2017



# TB Morbidity by Country of Birth

New Jersey, 2017 (N=282)



■ Foreign-born ■ US Born

# TB Morbidity Cases/Case Rates\* by County

## New Jersey, 2008–2017

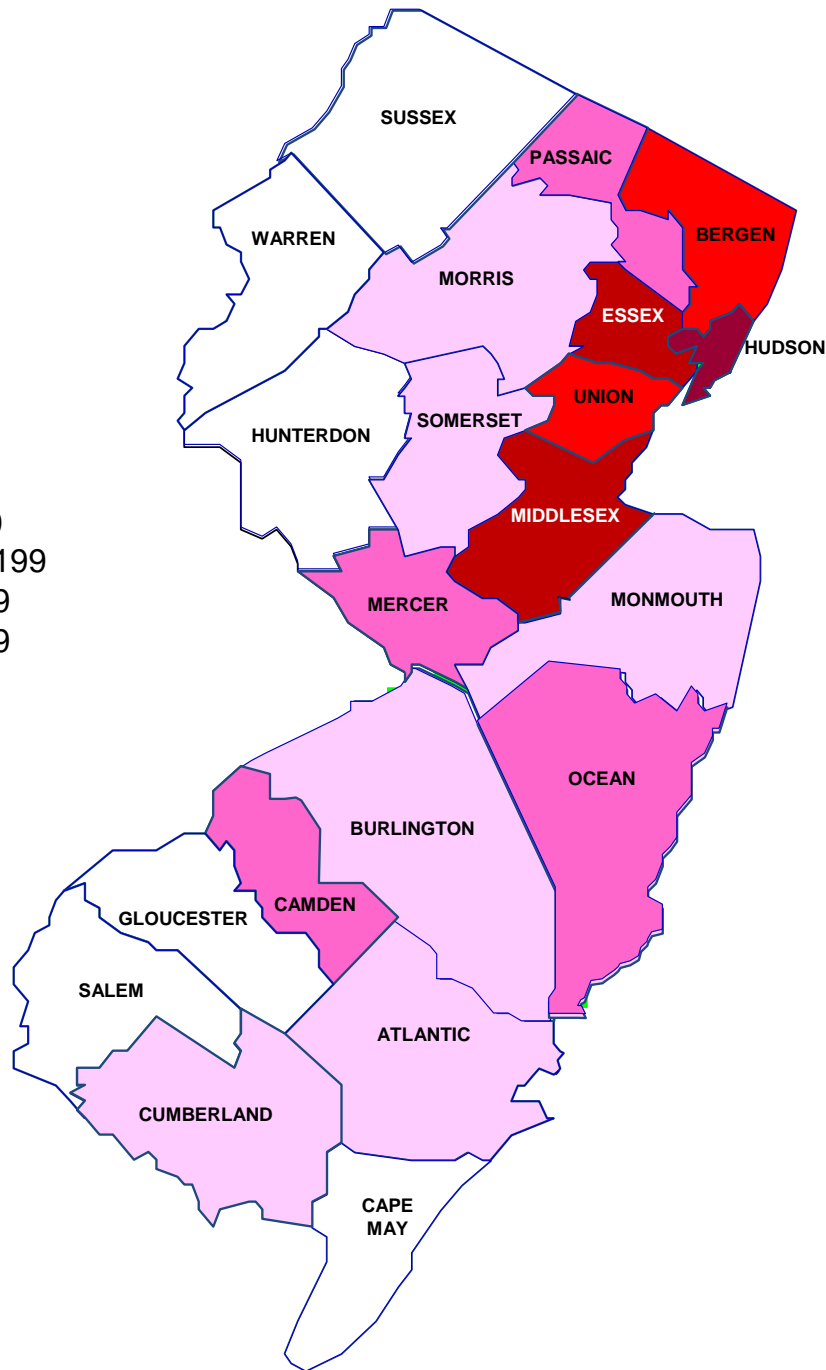
County	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Atlantic	19/7.0	14/5.2	12/4.4	8/2.9	9/3.3	10/3.6	9/3.2	13/4.7	5/1.8	6/2.2
Bergen	44/4.9	37/4.0	43/4.8	29/3.2	38/4.2	37/3.9	29/3.1	35/3.7	30/3.2	13/1.4
Burlington	5/1.1	7/1.6	15/3.3	10/2.2	12/2.7	7/1.6	4/0.9	11/2.4	4/0.9	8/1.8
Camden	19/3.7	15/2.9	10/1.9	12/2.3	10/2.0	15/2.9	11/2.1	11/2.2	12/2.3	11/2.2
Cape May	2/2.0	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
Cumberland	4/2.6	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
Essex	71/9.1	59/7.7	54/6.9	47/6.0	40/5.1	52/6.7	33/4.2	39/4.9	41/5.1	35/4.4
Gloucester	4/1.4	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
Hudson	54/9.0	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
Hunterdon	2/1.5	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
Mercer	11/3.0	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
Middlesex	60/7.6	52/6.6	65/8.0	48/5.9	59/7.2	31/3.8	57/6.9	53/6.3	44/5.2	48/5.7
Monmouth	21/3.3	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
Morris	14/2.9	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
Ocean	6/1.1	9/1.6	17/2.9	15/2.6	7/1.2	8/1.4	18/3.1	9/1.5	9/1.5	10/1.7
Passaic	29/5.9	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
Salem	1/1.5	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
Somerset	16/4.9	17/5.2	14/4.3	9/2.8	13/4.0	6/1.8	15/4.5	9/2.7	6/1.8	10/3.0
Sussex	1/1.0	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
Union	39/7.4	33/6.3	34/6.3	31/5.8	21/4.0	18/3.3	20/3.8	24/4.4	26/4.7	19/3.4
Warren	0/0.0	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
<b>State Total</b>	<b>422/4.9</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>282/3.2</b>

\*Cases per 100,000 population

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

# Counted TB Cases

## New Jersey, 2013–2017



# TB Morbidity and Case Rates\* Select Cities

## New Jersey, 2008–2017

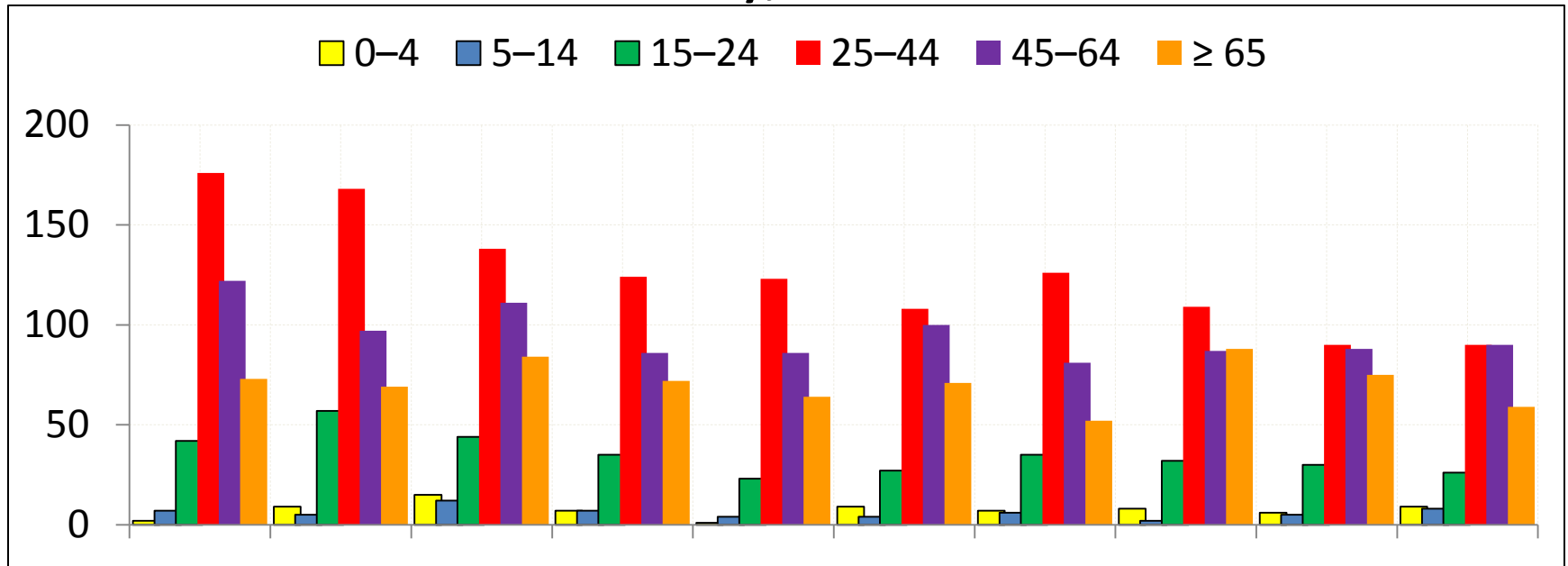
City	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Edison</b>	11/11.0	10/10.0	15/15.0	11/11.0	16/15.9	8/7.9	10/9.8	11/10.8	7/6.8	10/9.8
<b>Elizabeth</b>	16/12.8	8/6.4	12/9.6	14/11.2	8/6.4	11/8.7	10/7.8	12/9.3	11/8.5	12/9.3
<b>Jersey City</b>	39/16.0	43/17.7	33/13.3	21/8.5	28/11.2	34/13.4	34/13.0	29/11.1	31/11.3	32/3.5
<b>Newark</b>	36/12.9	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
<b>Paterson</b>	15/10.2	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

\*Cases per 100,000 population

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

# TB Morbidity by Age Group

New Jersey, 2008–2017

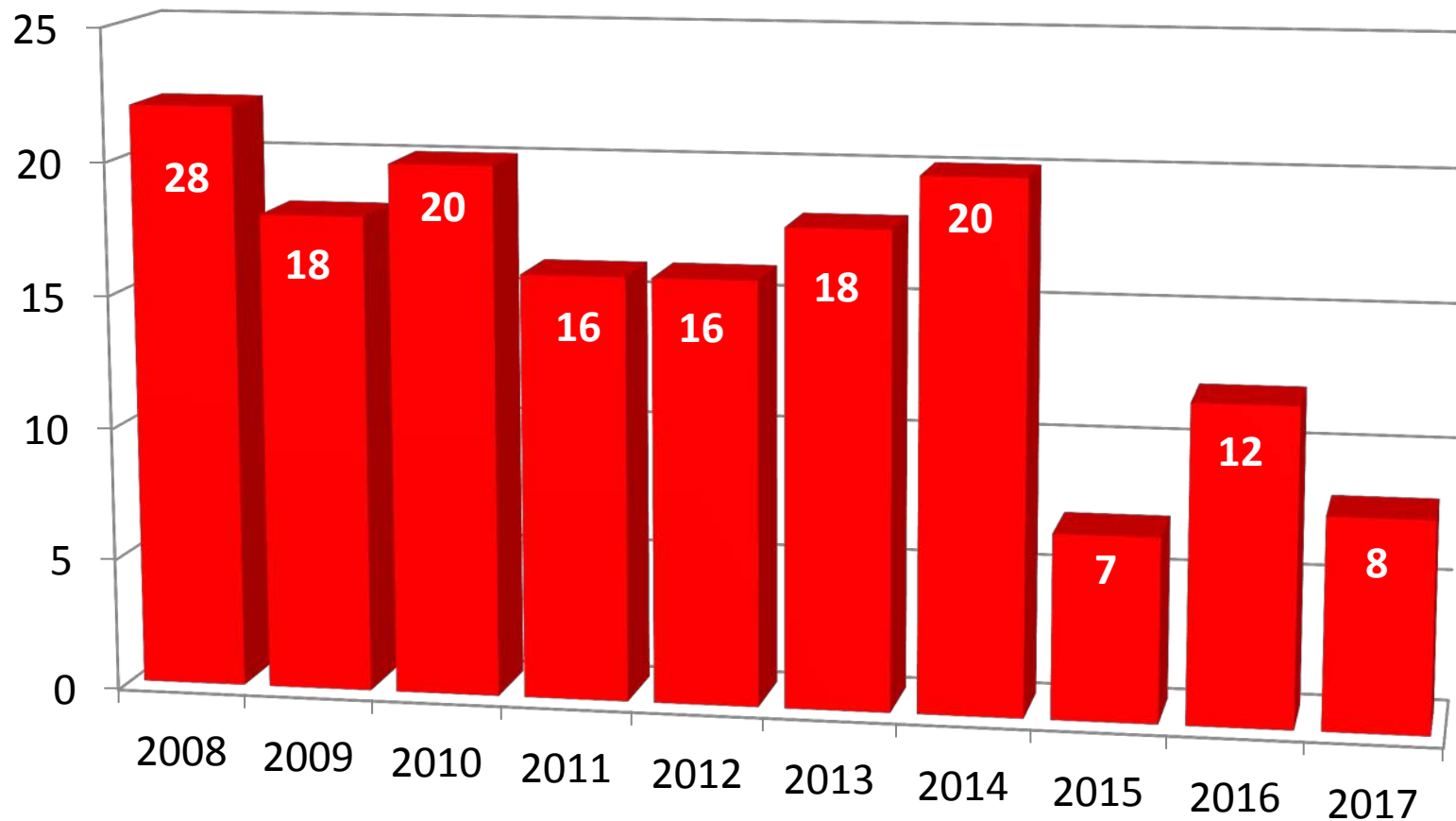


Age	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
0-4	2	9	15	7	1	9	7	8	6	9
5-14	7	5	12	7	4	4	6	2	5	8
15-24	42	57	44	35	24	27	35	32	30	26
25-44	176	168	139	124	124	108	126	109	91	90
45-64	122	97	111	86	86	100	81	87	88	90
≥ 65	73	69	84	72	64	71	52	88	74	59



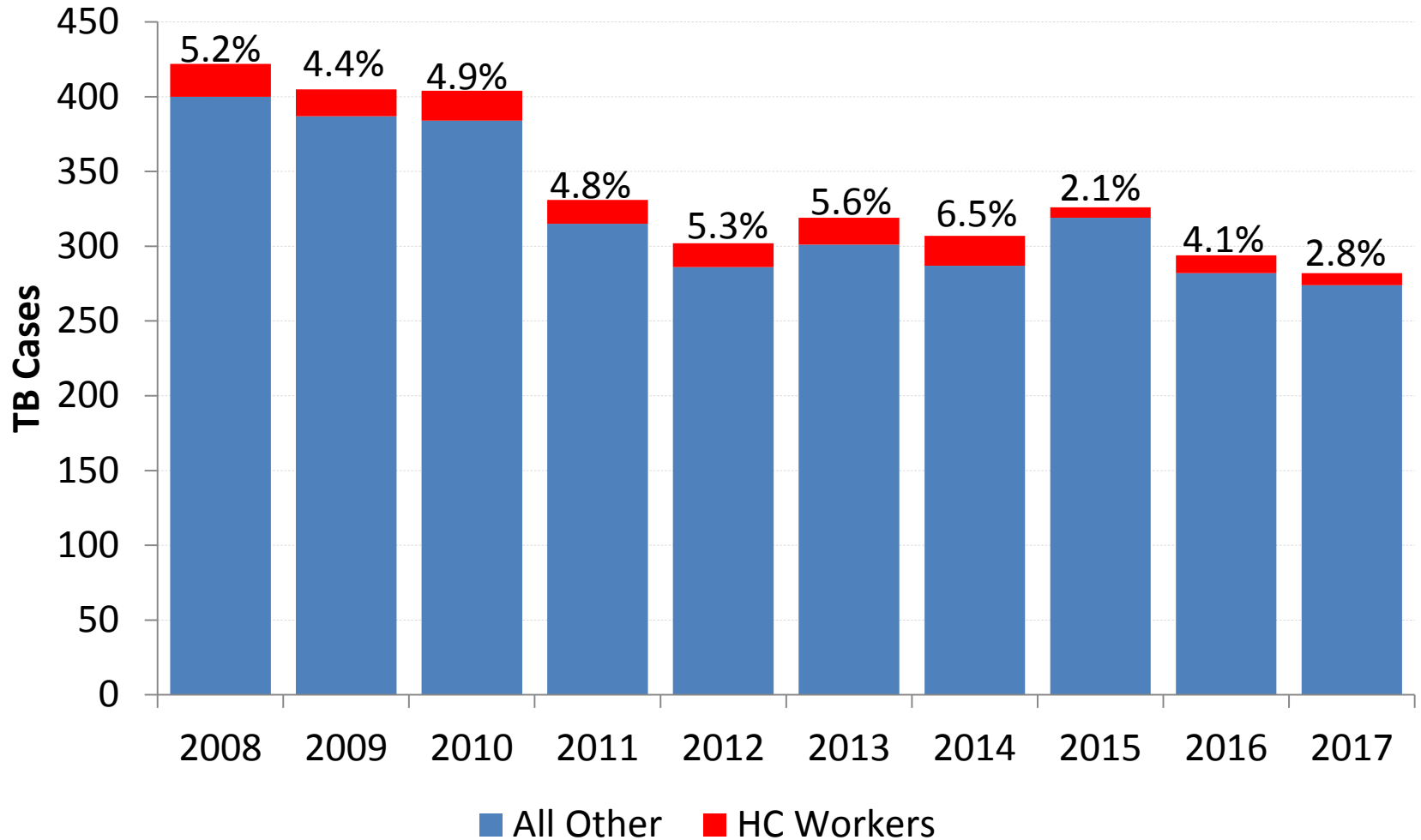
# TB Morbidity in Health Care Workers

## New Jersey, 2008–2017



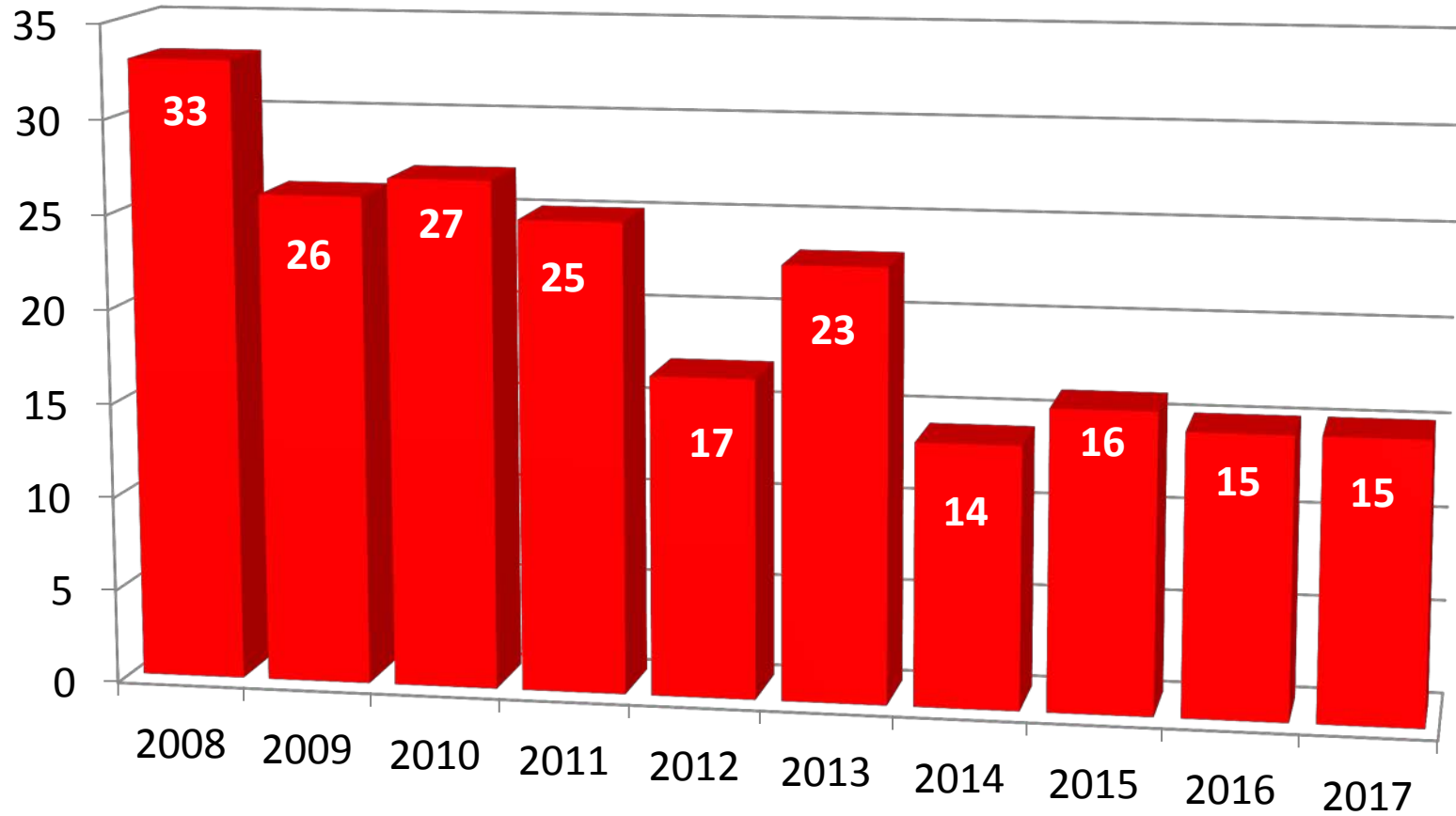
# TB Morbidity in Health Care Workers

## New Jersey, 2008–2017



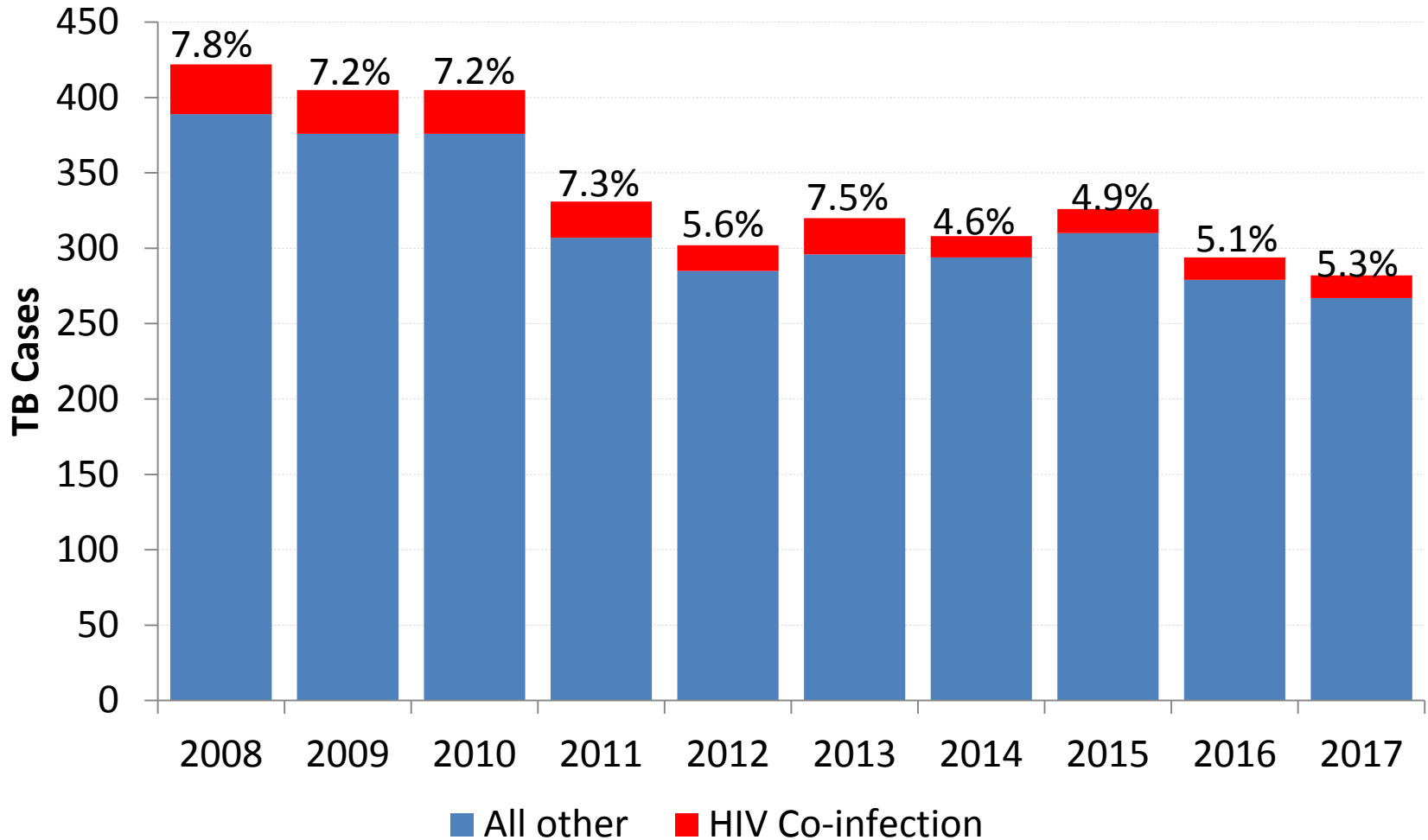
# TB/HIV Co-infection

## New Jersey, 2008–2017



# TB/HIV Co-infection

## New Jersey, 2008–2017



# Multi-Drug Resistant TB by County

## New Jersey, 2008–2017

County	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Atlantic	0	0	0	0	0	0	0	0	0	0
Bergen	1	2	1	0	1	1	1	0	0	0
Burlington	0	0	0	0	0	0	0	0	0	0
Camden	0	0	0	0	0	0	0	0	0	0
Cape May	0	0	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0	0	0
Essex	3	0	4	1	1	0	0	1	0	0
Gloucester	0	0	0	0	0	0	0	0	0	0
Hudson	3	2	0	3	0	2	1	2	1	0
Hunterdon	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	1	0	0	0	0	0	0
Middlesex	0	0	3	3	1	2	1	0	0	2
Monmouth	0	0	0	0	0	0	0	0	0	0
Morris	1	0	0	0	0	0	0	0	0	0
Ocean	0	0	0	0	0	0	1	0	1	1
Passaic	0	3	0	0	1	2	0	0	1	0
Salem	0	0	0	0	0	0	0	0	0	0
Somerset	0	1	0	0	0	0	0	0	0	0
Sussex	0	0	0	0	0	0	0	1	0	0
Union	0	1	0	0	0	0	0	0	0	0
Warren	0	0	0	0	0	0	0	0	0	0
<b>State Total</b>	<b>8</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>