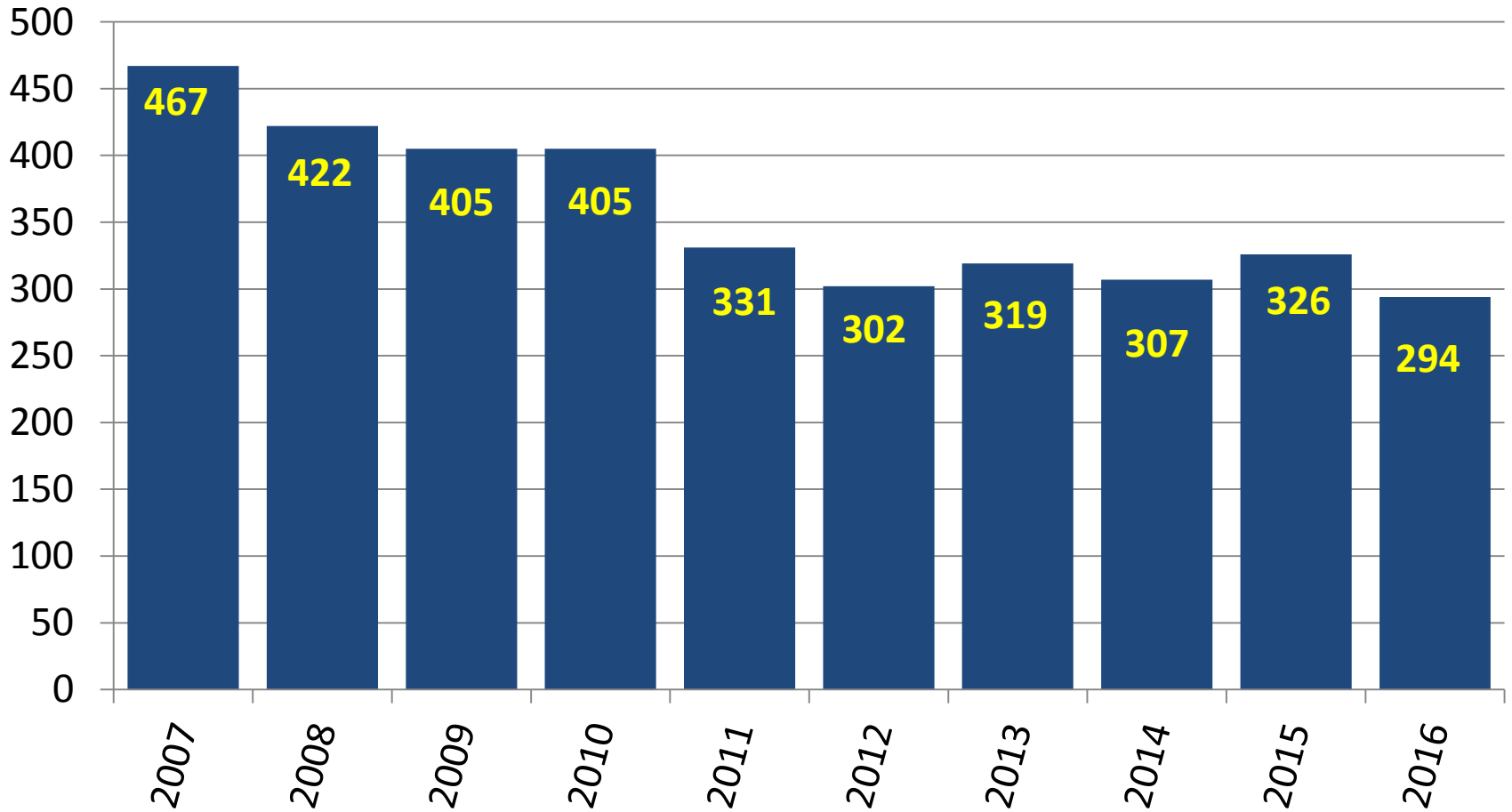


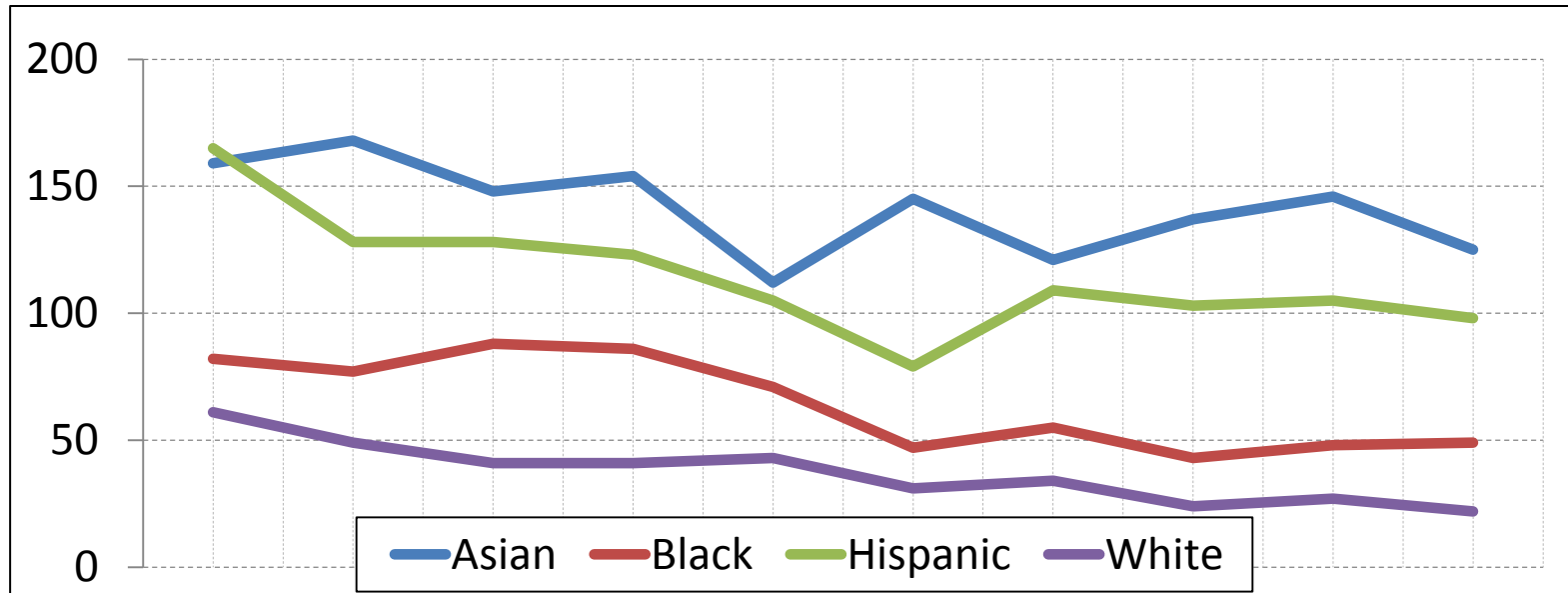
# TB Morbidity

## New Jersey, 2007–2016



# TB Morbidity by Race/Ethnicity

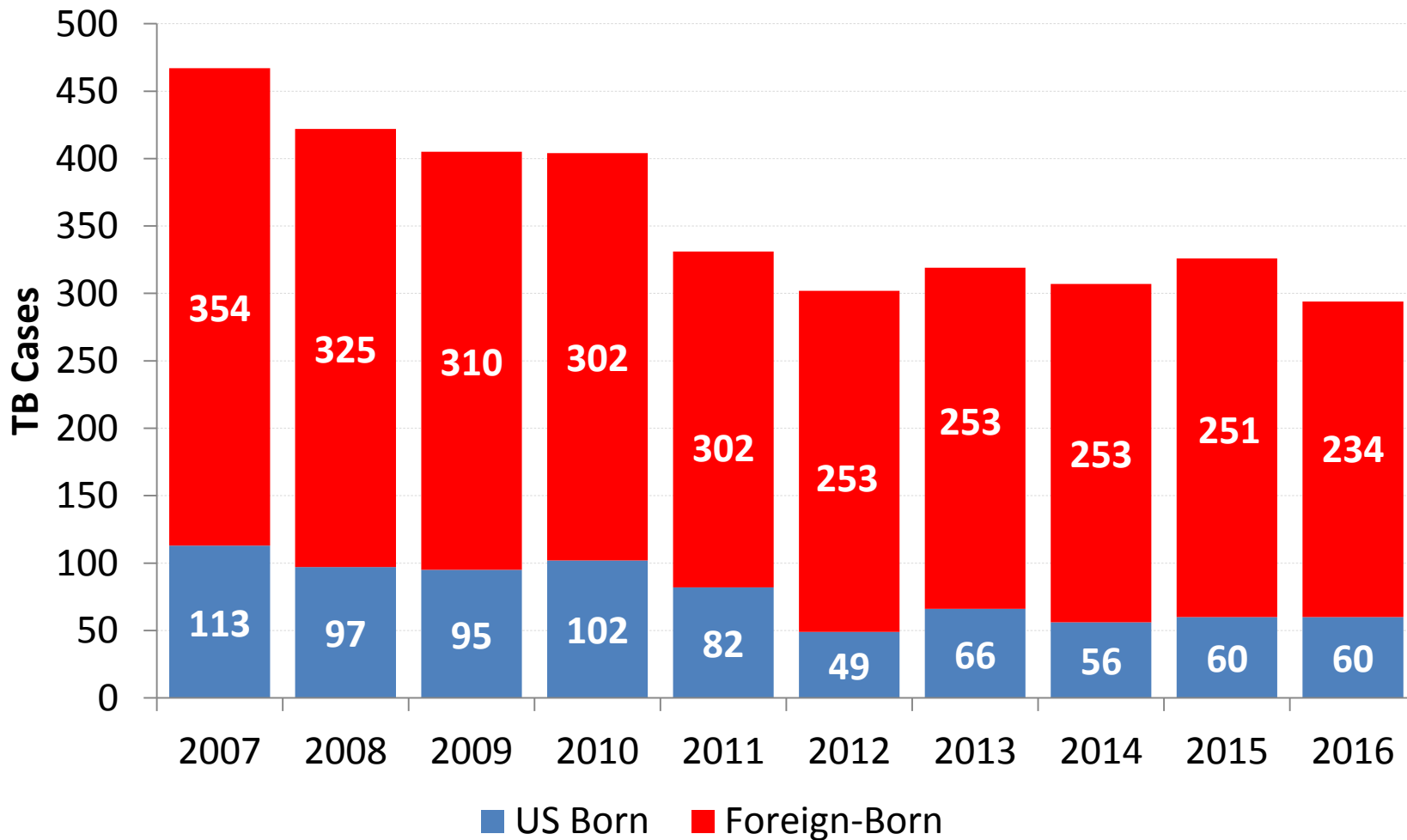
New Jersey, 2007–2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Asian</b>	159	168	143	154	112	145	121	137	146	125
<b>Black</b>	82	77	89	86	71	47	55	43	48	49
<b>Hispanic</b>	165	128	126	123	105	79	109	103	105	98
<b>White</b>	61	49	44	41	43	31	34	24	27	22

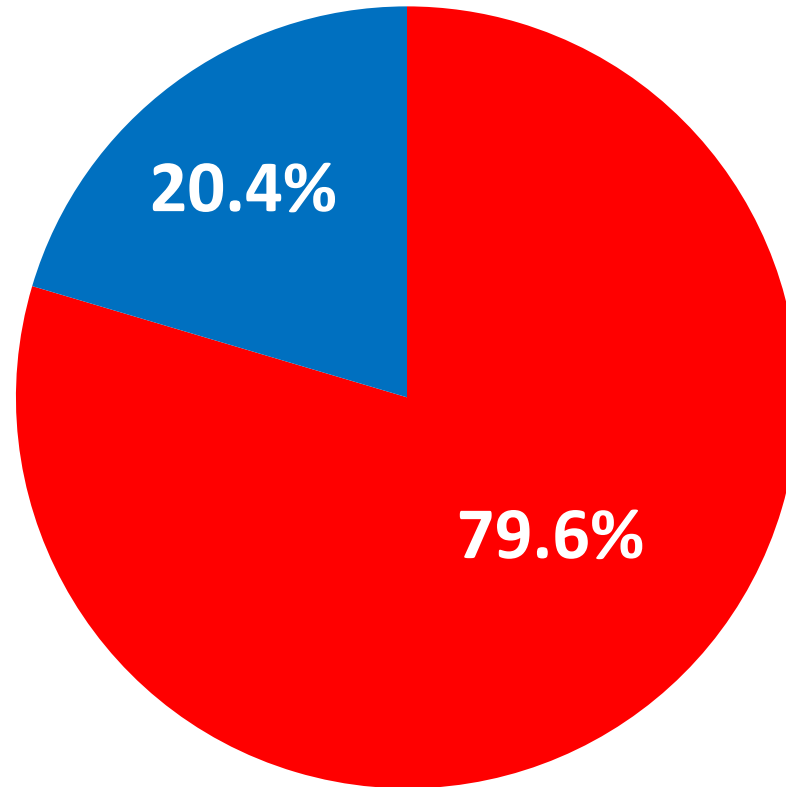
# TB Morbidity by Country of Birth

## New Jersey, 2007–2016



# TB Morbidity by Country of Birth

New Jersey, 2016 (N=294)



■ Foreign-born ■ US Born

# TB Morbidity Cases/Case Rates\* by County

## New Jersey, 2007–2016

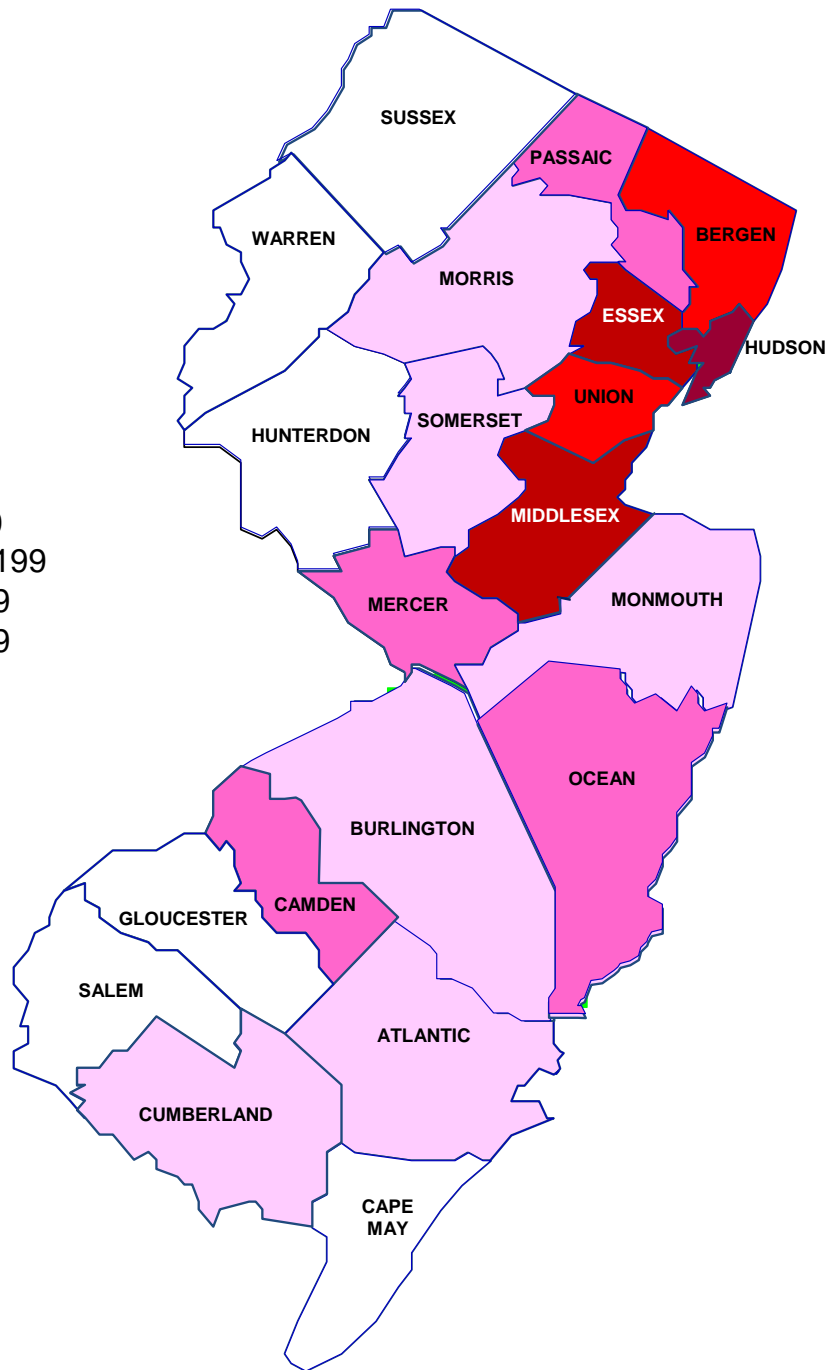
County	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Atlantic	16/5.9	19/7.0	14/5.2	12/4.4	8/2.9	9/3.3	10/3.6	9/3.2	13/4.7	5/1.8
Bergen	41/4.5	44/4.9	37/4.0	43/4.8	29/3.2	38/4.2	36/3.9	29/3.1	35/3.7	30/3.2
Burlington	13/2.9	5/1.1	7/1.6	15/3.3	10/2.2	12/2.7	7/1.6	4/0.9	11/2.4	4/0.9
Camden	16/3.1	19/3.7	15/2.9	10/1.9	12/2.3	10/2.0	15/2.9	11/2.1	11/2.2	12/2.3
Cape May	3/3.1	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
Cumberland	10/6.5	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
Essex	66/8.4	71/9.1	59/7.7	54/6.9	47/6.0	40/5.1	53/6.7	33/4.2	39/4.9	41/5.1
Gloucester	3/1.1	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
Hudson	74/12.3	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
Hunterdon	2/1.5	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
Mercer	17/4.6	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
Middlesex	69/8.8	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
Monmouth	15/2.4	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
Morris	19/3.9	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
Ocean	12/2.1	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
Passaic	38/7.6	29/5.9	28/5.7	32/6.4	24/4.8	20/4.0	26/5.2	21/4.2	11/2.2	18/3.5
Salem	4/6.0	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
Somerset	16/4.9	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
Sussex	1/1.0	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
Union	32/6.0	39/7.4	33/6.3	34/6.3	31/5.8	21/4.0	18/3.3	21/3.8	24/4.4	26/4.7
Warren	0/0.0	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
<b>State Total</b>	<b>467/5.4</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>320/3.6</b>	<b>308/3.5</b>	<b>326/3.7</b>	<b>294/3.3</b>

\*Cases per 100,000 population

Data Source: US Census Bureau Population estimates, July 1, 2015, (V2015)

# Counted TB Cases

## New Jersey, 2012–2016



# TB Morbidity and Case Rates\* Select Cities

## New Jersey, 2007–2016

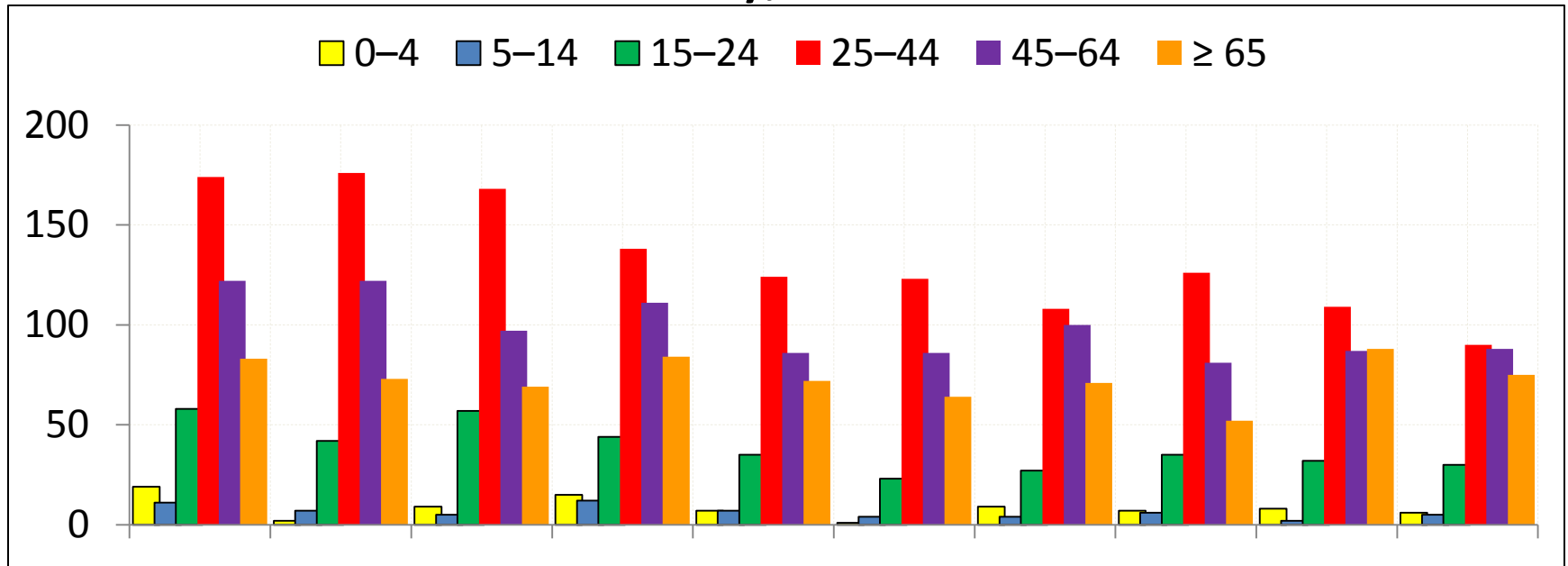
City	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Edison</b>	10/10.0	11/11.0	10/10.0	15/15.0	11/11.0	16/15.9	8/7.9	10/9.8	11/10.8	7/6.8
<b>Elizabeth</b>	17/13.5	16/12.8	8/6.4	12/9.6	14/11.2	8/6.4	11/8.7	10/7.8	12/9.3	11/8.5
<b>Jersey City</b>	38/15.7	39/16.0	43/17.7	33/13.3	21/8.5	28/11.2	34/13.4	34/13.0	29/11.1	31/11.3
<b>Newark</b>	36/12.8	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
<b>Paterson</b>	21/14.1	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

\*Cases per 100,000 population

Data Source: US Census Bureau Population estimates, July 1, 2015, (V2015)

# TB Morbidity by Age Group

New Jersey, 2007–2016

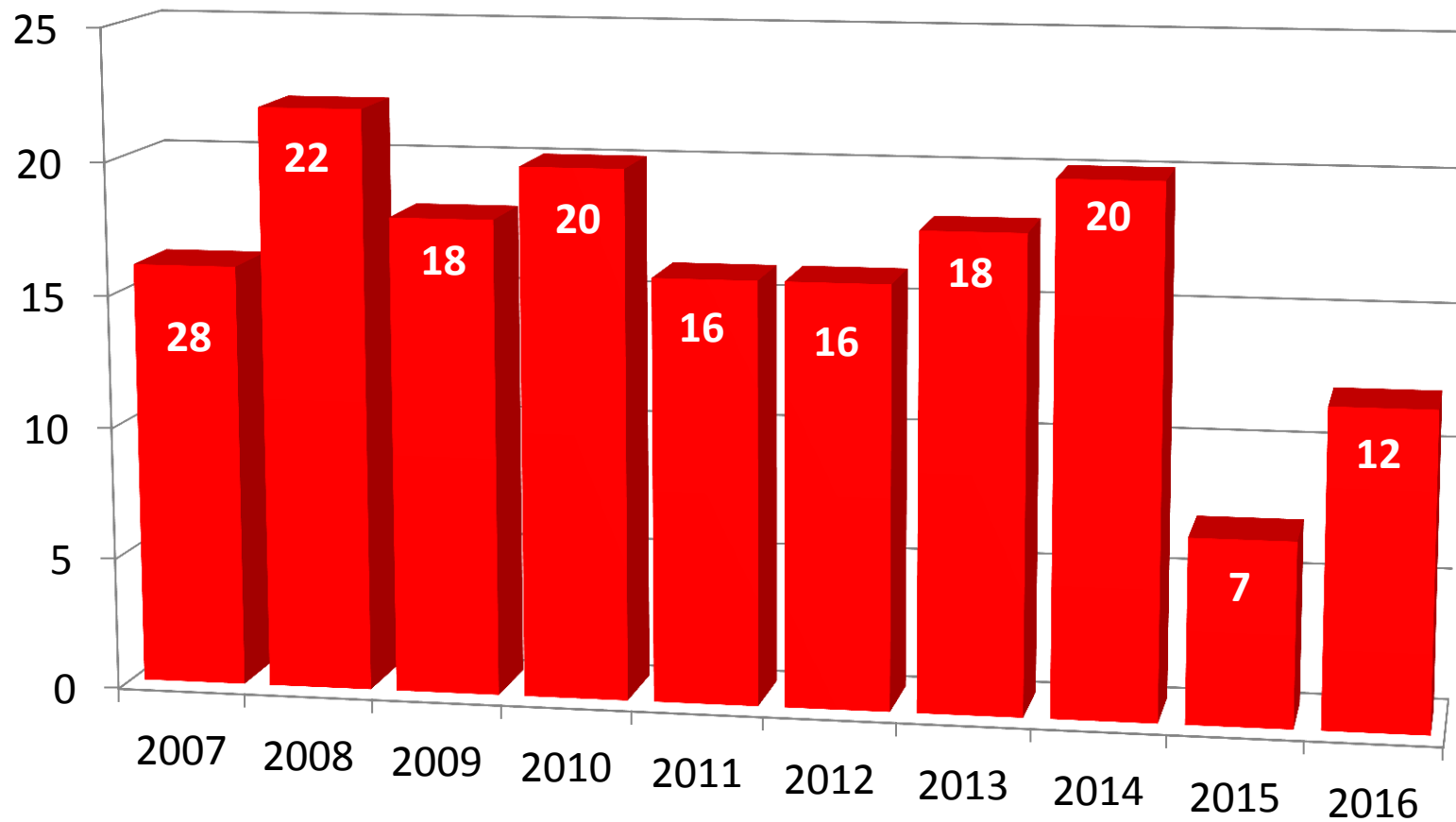


Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
0-4	19	2	9	15	7	1	9	7	8	6
5-14	11	7	5	12	7	4	4	6	2	5
15-24	58	42	57	44	35	24	27	35	32	30
25-44	174	176	168	138	124	123	108	126	109	91
45-64	122	122	97	111	86	86	100	81	87	88
≥ 65	83	73	69	84	72	64	71	52	88	74



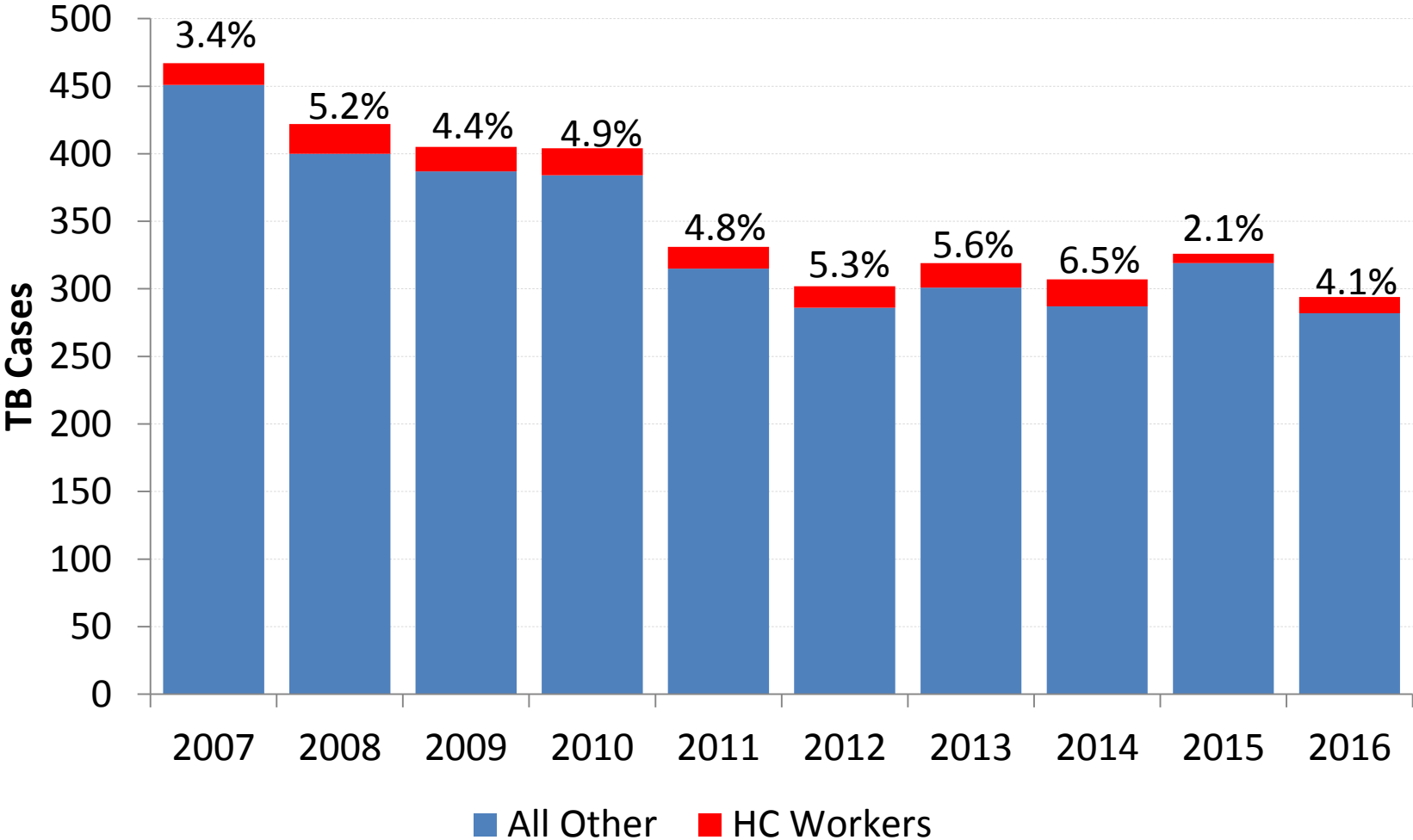
# TB Morbidity in Health Care Workers

## New Jersey, 2007–2016



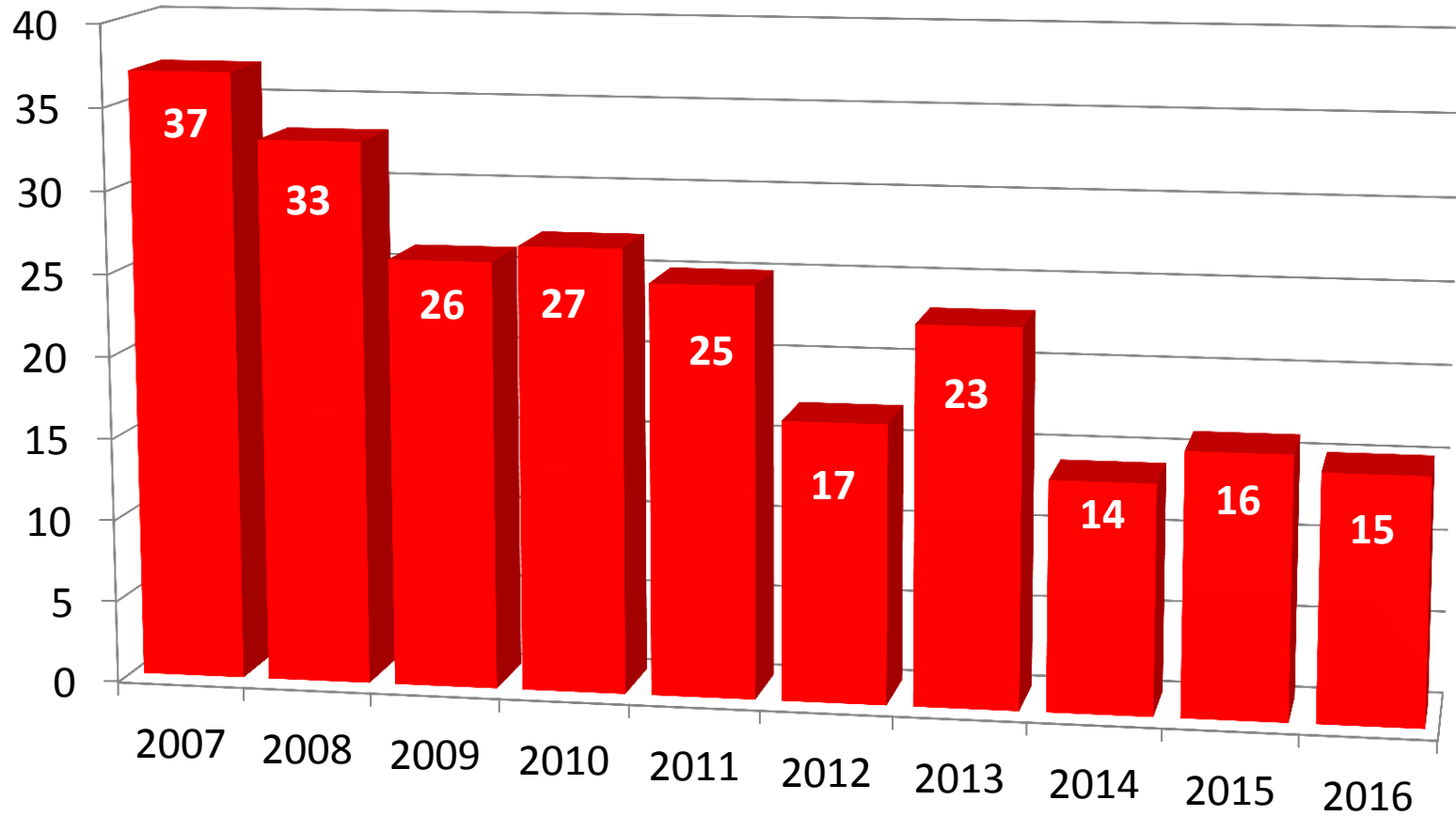
# TB Morbidity in Health Care Workers

New Jersey, 2007–2016



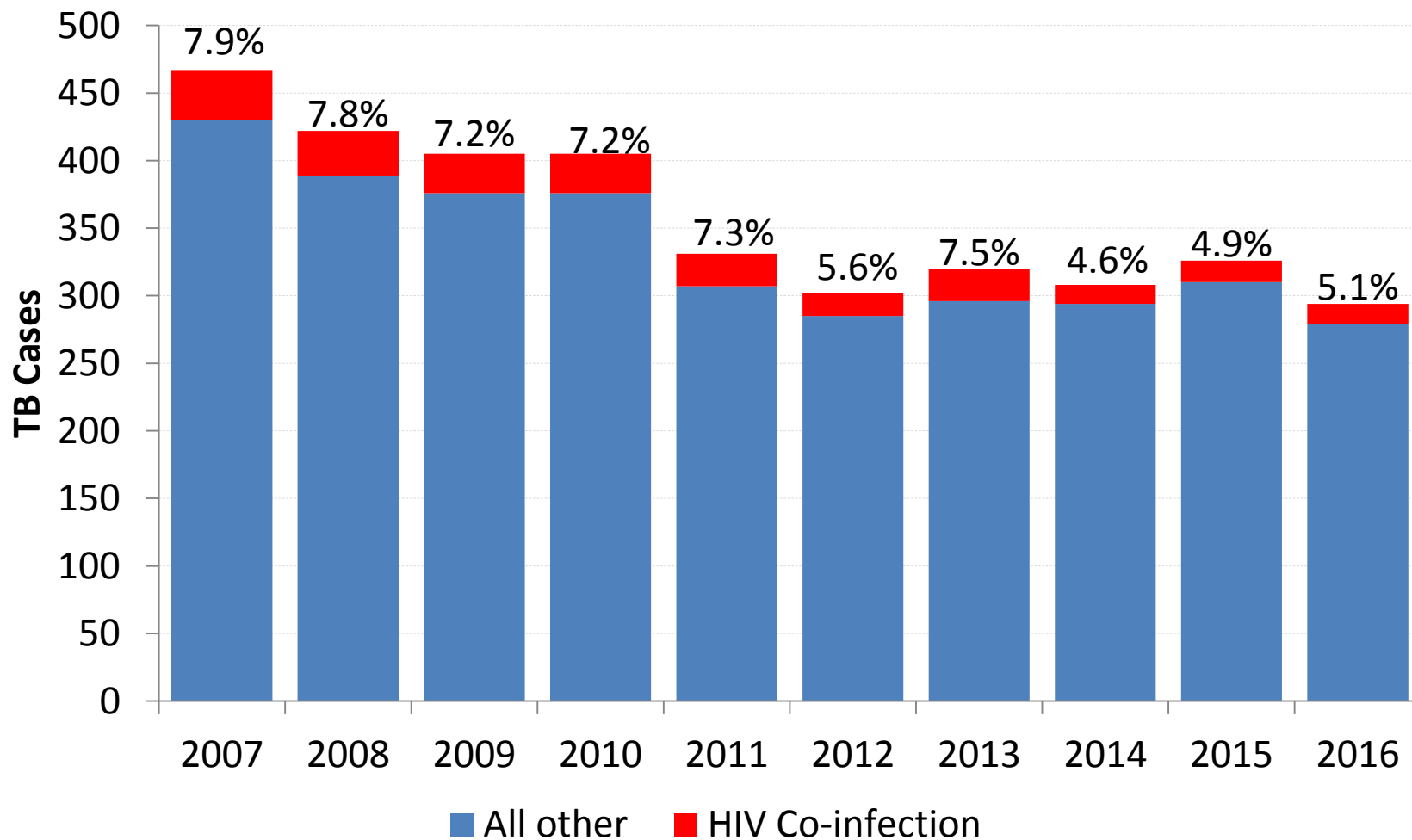
# TB/HIV Co-infection

## New Jersey, 2007–2016



# TB/HIV Co-infection

## New Jersey, 2007–2016



# Multi-Drug Resistant TB by County

## New Jersey, 2007–2016

County	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Atlantic	0	0	0	0	0	0	0	0	0	0
Bergen	0	1	2	1	0	1	1	1	0	0
Burlington	1	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	0	3	0	4	1	1	0	0	1	0
Gloucester	0	0	0	0	0	0	0	0	0	0
Hudson	2	3	2	0	3	0	2	1	1	1
Hunterdon	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	1	0	0	0	0	0
Middlesex	2	0	0	3	3	1	2	1	0	0
Monmouth	0	0	0	0	0	0	0	0	0	0
Morris	0	1	0	0	0	0	0	0	0	0
Ocean	0	0	0	0	0	0	0	1	0	1
Passaic	1	0	3	0	0	1	2	0	0	1
Salem	0	0	0	0	0	0	0	0	0	0
Somerset	0	0	1	0	0	0	0	0	0	0
Sussex	0	0	0	0	0	0	0	0	1	0
Union	1	0	1	0	0	0	0	0	0	0
Warren	0	0	0	0	0	0	0	0	0	0
<b>State Total</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>3</b>