

# **NYS COUNTY HEALTH ASSESSMENT INDICATORS (CHAI) - NASSAU COUNTY**

[http://www.health.ny.gov/statistics/chac/chai/chai\\_28.htm](http://www.health.ny.gov/statistics/chac/chai/chai_28.htm)

# Cancer Indicators - Nassau County

2010-2012

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
All Cancers							
Crude incidence rate per 100,000	25,594	634.1	550.9	Yes	610.0	Yes	3rd
Age-adjusted incidence rate per 100,000	25,594	512.0	489.2	Yes	510.8	No	3rd
Crude mortality rate per 100,000	7,600	188.3	180.7	Yes	202.4	Yes	1st
Age-adjusted mortality rate per 100,000	7,600	144.7	158.6	Yes	165.6	Yes	1st
Lip, Oral Cavity, and Pharynx Cancer							
Crude incidence rate per 100,000	506	12.5	12.1	No	13.5	No	2nd
Age-adjusted incidence rate per 100,000	506	9.9	10.5	No	11.0	Yes	2nd
Crude mortality rate per 100,000	85	2.1	2.5	No	2.6	No	2nd
Age-adjusted mortality rate per 100,000	85	1.6	2.2	Yes	2.1	No	1st
Colon and rectum cancer							
Crude incidence rate per 100,000	1,969	48.8	46.7	No	49.6	No	2nd
Age-adjusted incidence rate per 100,000	1,969	38.3	41.4	Yes	41.2	Yes	1st
Crude mortality rate per 100,000	640	15.9	16.6	No	17.2	No	1st
Age-adjusted mortality rate per 100,000	640	11.8	14.4	Yes	13.9	Yes	1st
Lung and bronchus cancer							
Crude incidence rate per 100,000	3,011	74.6	69.6	Yes	83.0	Yes	1st
Age-adjusted incidence rate per 100,000	3,011	59.2	61.6	Yes	68.6	Yes	1st
Crude mortality rate per 100,000	1,808	44.8	46.4	No	55.9	Yes	1st
Age-adjusted mortality rate per 100,000	1,808	34.9	41.0	Yes	46.1	Yes	1st
Female breast cancer							
Crude incidence rate per 100,000	3,746	179.9	149.1	Yes	164.4	Yes	4th
Age-adjusted incidence rate per 100,000	3,746	141.7	127.2	Yes	133.2	Yes	4th
Crude mortality rate per 100,000	566	27.2	26.3	No	28.1	No	3rd
Age-adjusted mortality rate per 100,000	566	18.9	20.9	Yes	20.9	Yes	2nd

Crude late stage incidence rate per 100,000	1,136	54.6	49.2	Yes	51.4	No	4th
Age-adjusted late stage incidence rate per 100,000	1,136	44.0	42.7	No	42.7	No	3rd
Cervix uteri cancer							
Crude incidence rate per 100,000	156	7.5	8.3	No	7.2	No	2nd
Age-adjusted incidence rate per 100,000	156	6.9	7.7	No	6.7	No	2nd
Crude mortality rate per 100,000	55	2.6	2.7	No	2.4	No	3rd
Age-adjusted mortality rate per 100,000	55	2.1	2.3	No	2.0	No	3rd
Ovarian cancer							
Crude incidence rate per 100,000	348	16.7	14.9	No	16.2	No	3rd
Age-adjusted incidence rate per 100,000	348	12.9	12.5	No	12.9	No	3rd
Crude mortality rate per 100,000	226	10.9	9.5	No	10.4	No	3rd
Age-adjusted mortality rate per 100,000	226	7.8	7.5	No	7.8	No	3rd
Prostate cancer							
Crude incidence rate per 100,000	3,404	174.2	156.7	Yes	167.4	Yes	4th
Age-adjusted incidence rate per 100,000	3,404	146.3	145.3	No	143.8	No	3rd
Crude mortality rate per 100,000	335	17.1	18.3	No	18.6	No	2nd
Age-adjusted mortality rate per 100,000	335	15.4	20.0	Yes	18.5	Yes	1st
Crude late stage incidence rate per 100,000	427	21.8	23.3	No	25.1	Yes	2nd
Age-adjusted late stage incidence rate per 100,000	427	17.9	21.2	Yes	21.1	Yes	1st
Melanoma cancer morality							
Crude mortality rate per 100,000	137	3.4	2.5	Yes	3.3	No	2nd
Age-adjusted mortality rate per 100,000	137	2.6	2.2	No	2.8	No	2nd
Age-adjusted % of women 18 years and older with Pap smear in past 3 years (2013-2014)	N/A	78.3	74.2	No	76.2	No	1st
% of women 40 years and older with mammography screening in past 2 years (2013-2014)	N/A	73.1	77.8	No	77.4	No	3rd
% of women, aged 50-74 years, who had a mammogram between October 1, 2012 and December 31, 2014 (2014)	4,040	65.4	71.1	Yes	63.8	No	2nd

# Cardiovascular Disease Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Cardiovascular disease mortality rate per 100,000							
Crude	13,663	336.5	268.4	Yes	293.6	Yes	3rd
Age-adjusted	13,663	230.5	221.9	Yes	222.1	Yes	3rd
Premature death (aged 35-64 years)	1,362	80.7	99.1	Yes	97.5	Yes	1st
Pretransport mortality	7,049	173.6	147.1	Yes	163.4	Yes	3rd
Cardiovascular disease hospitalization rate per 10,000							
Crude	73,105	180.1	156.5	Yes	159.4	Yes	4th
Age-adjusted	73,105	138.6	135.8	Yes	129.1	Yes	4th
Disease of the heart mortality rate per 100,000							
Crude	11,678	287.6	218.4	Yes	235.4	Yes	4th
Age-adjusted	11,678	196.2	180.1	Yes	177.7	Yes	3rd
Premature death (aged 35-64 years)	1,143	67.7	80.7	Yes	80.1	Yes	1st
Pretransport mortality	6,279	154.7	126.5	Yes	135.9	Yes	3rd
Disease of the heart hospitalization rate per 10,000							
Crude	50,661	124.8	103.4	Yes	107.2	Yes	4th
Age-adjusted	50,661	95.5	89.4	Yes	86.4	Yes	3rd
Coronary heart disease mortality rate per 100,000							
Crude	9,544	235.1	170.6	Yes	167.6	Yes	4th
Age-adjusted	9,544	160.4	140.7	Yes	126.5	Yes	4th
Premature death (aged 35-64 years)	1,007	59.7	65.3	Yes	60.5	No	2nd
Pretransport mortality	5,224	128.7	103.0	Yes	100.1	Yes	4th
Coronary heart disease hospitalization rate per 10,000							

Crude	17,583	43.3	36.5	Yes	36.8	Yes	4th
Age-adjusted	17,583	33.3	31.3	Yes	29.5	Yes	3rd
Heart attack (Acute Myocardial Infarction) hospitalization rate per 10,000							
Crude	7,383	18.2	16.8	Yes	19.2	Yes	2nd
Age-adjusted	7,383	13.8	14.4	Yes	15.4	Yes	2nd
Heart attack (Acute Myocardial Infarction) mortality rate per 100,000							
Crude	1,159	28.5	36.1	Yes	43.7	Yes	1st
Age-adjusted	1,159	19.7	29.9	Yes	33.3	Yes	1st
Congestive heart failure mortality rate per 100,000							
Crude	805	19.8	15.1	Yes	22.1	Yes	2nd
Age-adjusted	805	13.0	12.2	Yes	16.3	Yes	2nd
Premature death (aged 35-64 years)	19	1.1	2.0	Yes	2.6	Yes	1st
Pretransport mortality	496	12.2	8.4	Yes	13.0	No	3rd
Congestive heart failure hospitalization rate per 10,000							
Crude	12,095	29.8	28.3	Yes	28.9	Yes	3rd
Age-adjusted	12,095	21.8	24.2	Yes	22.7	Yes	2nd
Cerebrovascular disease (stroke) mortality rate per 100,00							
Crude	1,279	31.5	30.6	No	38.0	Yes	1st
Age-adjusted	1,279	22.2	25.6	Yes	29.0	Yes	1st
Premature death (aged 35-64 years)	130	7.7	10.5	Yes	10.3	Yes	1st
Pretransport mortality	476	11.7	11.6	No	16.8	Yes	1st
Cerebrovascular disease (stroke) hospitalization rate per 10,000							
Crude	11,396	28.1	26.4	Yes	28.4	No	3rd
Age-adjusted	11,396	21.3	22.8	Yes	22.9	Yes	2nd
Hypertension hospitalization rate per 10,000 (aged 18 years and older)	2,352	7.5	6.8	Yes	4.7	Yes	4th
Hypertension hospitalization rate per 10,000 (any diagnosis) (aged 18 years and older)	186,269	590.4	541.5	Yes	543.7	Yes	3rd
Hypertension emergency department visit rate per 10,000 (aged 18 years and older)	9,480	30.0	32.7	Yes	25.6	Yes	4th
Hypertension emergency department visit rate per 10,000 (any diagnosis) (aged 18 years and older)	301,519	955.8	930.8	Yes	956.6	No	3rd

Chronic kidney disease hospitalization rate per 10,000 (any diagnosis)							
Crude	43,825	107.9	116.8	Yes	115.4	Yes	2nd
Age-adjusted	43,825	81.6	101.0	Yes	92.7	Yes	2nd
Chronic kidney disease emergency department visit rate per 10,000 (any diagnosis)							
Crude	43,026	106.0	120.4	Yes	122.0	Yes	2nd
Age-adjusted	43,026	80.0	104.4	Yes	98.5	Yes	2nd
Age-adjusted % of adults with physician diagnosed angina, heart attack or stroke # (2008-2009)	N/A	6.4	7.6	No	7.2	No	1st
Age-adjusted % of adults with cholesterol checked in the last 5 years # (2013-2014)	N/A	85.9	83.4	No	83.2	No	1st
Age-adjusted % of adults ever told they have high blood pressure (2013-2014)	N/A	25.0	27.3	No	27.8	No	1st

# Child and Adolescent Health Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Childhood mortality rate per 100,000							
Aged 1-4 years	27	15.2	19.7	No	21.0	No	2nd
Aged 5-9 years	11	4.5	10.0	Yes	9.2	No	2nd
Aged 10-14 years	29	10.8	11.7	No	11.1	No	2nd
Aged 5-14 years	40	7.8	10.9	No	10.2	No	2nd
Aged 15-19 years	67	23.7	30.5	No	32.0	No	1st
Asthma hospitalization rate per 10,000							
Aged 0-4 years	1,035	47.2	49.3	No	29.3	Yes	4th
Aged 5-14 years	826	16.1	21.7	Yes	11.1	Yes	4th
Aged 0-17 years	1,941	21.4	27.0	Yes	14.3	Yes	4th
Gastroenteritis hospitalization rate per 10,000 (aged 0-4 years)	157	7.2	9.6	Yes	7.6	No	2nd
Otitis media hospitalization rate per 10,000 (aged 0-4 years)	49	2.2	2.1	No	1.5	No	3rd
Pneumonia hospitalization rate per 10,000 (aged 0-4 years)	503	23.0	34.4	Yes	27.1	Yes	2nd
% of children born in 2011 with a lead screening aged 0-8 months (2011-2014)	1,171	8.3	3.9	Yes	4.9	Yes	1st
% of children born in 2011 with a lead screening - aged 9-17 months (2011-2014)	8,805	62.5	64.3	Yes	53.7	Yes	2nd
% of children born in 2011 with a lead screening - aged 18-35 months (2011-2014)	11,452	81.3	73.6	Yes	72.2	Yes	1st
% of children born in 2011 with at least two lead screenings by 36 months (2011-2014)	7,494	53.2	56.3	Yes	45.8	Yes	1st
Incidence of confirmed high blood lead level (10 micrograms or higher per deciliter) - rate per 1,000 tested children aged <72 months	175	1.8	5.1	Yes	9.4	Yes	1st
% of children with recommended number of well child visits in government sponsored insurance programs (2014)	38,889	75.1	72.4	Yes	70.2	Yes	1st
% of children aged 0-15 months with recommended number of well child visits in	3,021	85.4	80.8	Yes	84.3	No	3rd

government sponsored insurance programs (2014)							
% of children aged 3-6 years with recommended number of well child visits in government sponsored insurance programs (2014)	14,248	85.5	84.2	No	81.4	Yes	1st
% of children aged 12-21 years with recommended number of well child visits in government sponsored insurance programs (2014)	21,620	68.5	64.9	Yes	62.0	Yes	1st

## Cirrhosis/Diabetes Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Cirrhosis mortality rate per 100,000							
Crude	232	5.7	7.7	Yes	8.7	Yes	1st
Age-adjusted	232	4.5	6.7	Yes	7.1	Yes	1st
Cirrhosis hospitalization rate per 10,000							
Crude	1,039	2.6	2.8	Yes	2.5	No	3rd
Age-adjusted	1,039	2.2	2.5	Yes	2.2	No	3rd
Diabetes mortality rate per 100,000							
Crude	538	13.3	20.4	Yes	19.7	Yes	1st
Age-adjusted	538	9.7	17.4	Yes	15.5	Yes	1st
Diabetes hospitalization rate per 10,000 (primary diagnosis)							
Crude	6,182	15.2	18.6	Yes	15.2	No	3rd
Age-adjusted	6,182	13.1	17.1	Yes	13.8	Yes	2nd
Diabetes hospitalization rate per 10,000 (any diagnosis)							
Crude	90,335	222.5	237.6	Yes	219.7	Yes	2nd
Age-adjusted	90,335	175.1	207.9	Yes	181.4	Yes	2nd
Diabetes short-term complications hospitalization rate per 10,000							
Aged 6-17 Years	131	2.0	3.0	Yes	2.9	Yes	1st
Aged 18 years and older	1,251	4.0	6.5	Yes	6.0	Yes	1st



Chronic kidney disease hospitalization rate per 10,000 (any diagnosis)							
Crude	43,825	107.9	116.8	Yes	115.4	Yes	2nd
Age-adjusted	43,825	81.6	101.0	Yes	92.7	Yes	2nd
Chronic kidney disease emergency department visit rate per 10,000 (any diagnosis)							
Crude	43,026	106.0	120.4	Yes	122.0	Yes	2nd
Age-adjusted	43,026	80.0	104.4	Yes	98.5	Yes	2nd
Age-adjusted % of adults with physician diagnosed diabetes (2013-2014)	N/A	7.6	8.9	No	8.2	No	1st

## Communicable Disease Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Pneumonia/flu hospitalization rate (aged 65 years and older) per 10,000	6,312	96.5	103.5	Yes	111.8	Yes	1st
Pertussis incidence rate per 100,000	202	5.0	8.4	Yes	12.9	Yes	1st
Mumps incidence rate per 100,000	8	0.2*	0.3	No	0.1	No	4th
Meningococcal incidence rate per 100,000	8	0.2*	0.2	No	0.2	No	3rd
H. influenza incidence rate per 100,000	69	1.7	1.5	No	1.6	No	3rd
Hepatitis A incidence rate per 100,000	29	0.7	0.6	No	0.5	No	4th
Acute hepatitis B incidence rate per 100,000	20	0.5	0.6	No	0.4	No	3rd
Tuberculosis incidence rate per 100,000	109	2.7	4.3	Yes	1.9	Yes	4th
E. coli O157 incidence rate per 100,000	17	0.4	0.5	No	0.7	No	2nd
Salmonella incidence rate per 100,000	433	10.7	12.4	Yes	11.9	Yes	2nd
Shigella incidence rate per 100,000	188	4.6	4.6	No	4.1	No	4th
Lyme disease incidence rate per 100,000#	190	4.7	34.2	Yes	53.4	Yes	1st
% of adults aged 65 years and older with flu shot in last year (2013-2014)	N/A	79.6	72.4	No	77.1	No	1st
% of adults aged 65 years and older who ever received pneumonia shot (2013-2014)	N/A	72.4	65.1	No	70.7	No	2nd

# Family Planning/Natality Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
% of births within 24 months of previous pregnancy	7,151	17.0	18.6	Yes	21.1	Yes	1st
Percentage of births to teens							
Aged 15-17 years	304	0.7	1.3	Yes	1.3	Yes	1st
Aged 15-19 years	1,084	2.6	4.7	Yes	5.1	Yes	1st
% of births to women aged 35 years and older	11,789	28.0	20.9	Yes	19.1	Yes	4th
Fertility rate per 1,000 females							
Total (all births/females aged 15-44 years)	42,154	56.7	58.8	Yes	57.0	No	3rd
Aged 10-14 years (births to mothers aged 10-14 years/females aged 10-14 years)	12	0.1	0.2	Yes	0.2	Yes	2nd
Aged 15-17 years (births to mothers aged 15-17 years/females aged 15-17 years)	304	3.6	8.3	Yes	7.2	Yes	1st
Aged 15-19 years (births to mothers aged 15-19 years/females aged 15-19 years)	1,084	7.9	17.8	Yes	15.9	Yes	1st
Aged 18-19 years (births to mothers aged 18-19 years/females aged 18-19 years)	780	15.0	30.7	Yes	27.4	Yes	1st
Pregnancy rate per 1,000 (all pregnancies/females aged 15-44 years) #	53,950	72.6	86.5	Yes	73.0	No	3rd
Teen pregnancy rate per 1,000 #							
Aged 10-14 years	31	0.2	0.8	Yes	0.5	Yes	1st
Aged 15-17 years	624	7.4	19.6	Yes	13.2	Yes	1st
Aged 15-19 years	2,197	16.0	37.1	Yes	26.4	Yes	1st
Aged 18-19 years	1,573	30.2	60.8	Yes	43.9	Yes	1st
Abortion ratio (induced abortions per 1,000 live births) #							
Aged 15-19 years	1,032	952.9	1,021.4	Yes	631.6	Yes	4th

All ages	8,218	195.0	400.2	Yes	237.8	Yes	2nd
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# HIV/AIDS and Other Sexually Transmitted Infection Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
HIV case rate per 100,000							
Crude	358	8.8	17.9	Yes	7.1	Yes	4th
Age-adjusted	358	9.4	17.9	Yes	7.5	Yes	4th
AIDS case rate per 100,000							
Crude	185	4.6	10.3	Yes	3.9	Yes	4th
Age-adjusted	185	4.7	10.3	Yes	4.0	No	4th
AIDS mortality rate per 100,000							
Crude	48	1.2	3.6	Yes	1.4	No	3rd
Age-adjusted	48	1.0	3.2	Yes	1.2	Yes	3rd
Early syphilis case rate per 100,000	258	6.4	17.1	Yes	4.8	Yes	4th
Gonorrhea case rate per 100,000							
All ages	1,578	38.9	107.2	Yes	62.1	Yes	3rd
Aged 15-19 years	310	109.7	319.8	Yes	193.3	Yes	3rd
Chlamydia case rate per 100,000 males							
All ages	2,892	147.0	338.9	Yes	207.9	Yes	2nd
Aged 15-19 years	461	316.7	941.3	Yes	582.3	Yes	1st
Aged 20-24 years	1,126	874.0	1,488.8	Yes	1,103.4	Yes	2nd
Chlamydia case rate per 100,000 females							
All ages	7,064	337.7	651.6	Yes	469.4	Yes	2nd
Aged 15-19 years	1,968	1,436.3	3,319.7	Yes	2,298.6	Yes	1st
Aged 20-24 years	2,932	2,369.7	3,376.3	Yes	2,754.3	Yes	2nd
% of sexually active young women aged 16-24 with at least one Chlamydia test in Medicaid program (2014)	4,828	74.8	72.2	Yes	65.1	Yes	1st
Pelvic inflammatory disease (PID) hospitalization rate per 10,000 females (aged 15-44 years)	145	2.0	2.8	Yes	1.9	No	2nd

# Injury Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Suicide mortality rate per 100,000							
Crude	282	6.9	8.4	Yes	10.1	Yes	1st
Age-adjusted	282	6.4	7.9	Yes	9.5	Yes	1st
Aged 15-19 years	8	2.8*	5.1	No	5.9	No	2nd
Self-inflicted injury hospitalization rate per 10,000							
Crude	2,152	5.3	5.7	Yes	6.6	Yes	2nd
Age-adjusted	2,152	5.4	5.7	Yes	6.8	Yes	2nd
Aged 15-19 years	466	16.5	11.9	Yes	12.9	Yes	4th
Homicide mortality rate per 100,000							
Crude	86	2.1	3.4	Yes	2.7	No	3rd
Age-adjusted	86	2.3	3.4	Yes	2.8	Yes	3rd
Assault hospitalization rate per 10,000							
Crude	1,067	2.6	3.8	Yes	2.4	Yes	4th
Age-adjusted	1,067	2.8	3.8	Yes	2.5	Yes	4th
Unintentional injury mortality rate per 100,000							
Crude	1,246	30.7	28.1	Yes	34.4	Yes	2nd
Age-adjusted	1,246	27.8	25.9	Yes	31.1	Yes	2nd
Unintentional injury hospitalization rate per 10,000							
Crude	32,183	79.3	67.0	Yes	69.8	Yes	4th
Age-adjusted	32,183	65.5	60.6	Yes	60.0	Yes	4th
Aged less than 10 years	1,020	22.0	22.6	No	19.1	Yes	4th
Aged 10-14 years	442	16.5	16.7	No	14.8	Yes	3rd
Aged 15-24 years	1,954	36.5	27.3	Yes	27.6	Yes	4th
Aged 25-64 years	9,905	46.3	45.1	Yes	44.7	Yes	3rd
Aged 65 years and older	18,862	288.2	244.6	Yes	251.9	Yes	4th

Falls hospitalization rate per 10,000							
Crude	19,902	49.0	38.9	Yes	41.7	Yes	4th
Age-adjusted	19,902	37.4	34.0	Yes	33.8	Yes	4th
Aged less than 10 years	488	10.5	8.5	Yes	7.0	Yes	4th
Aged 10-14 years	135	5.0	5.6	No	4.6	No	2nd
Aged 15-24 years	378	7.1	5.5	Yes	5.0	Yes	4th
Aged 25-64 years	3,964	18.5	18.1	No	18.0	No	3rd
Aged 65-74 years	2,588	76.9	74.1	No	73.3	Yes	3rd
Aged 75-84 years	5,220	253.5	215.9	Yes	223.0	Yes	4th
Aged 85 years and older	7,129	636.8	546.6	Yes	572.0	Yes	4th
Poisoning hospitalization rate per 10,000							
Crude	3,774	9.3	10.7	Yes	10.5	Yes	2nd
Age-adjusted	3,774	9.2	10.4	Yes	10.4	Yes	1st
Motor vehicle mortality rate per 100,000							
Crude	261	6.4	6.0	No	7.8	Yes	1st
Age-adjusted	261	6.2	5.7	Yes	7.5	Yes	1st
Non-motor vehicle mortality rate per 100,000							
Crude	985	24.3	22.1	Yes	26.6	Yes	2nd
Age-adjusted	985	21.6	20.2	Yes	23.6	Yes	2nd
Traumatic brain injury hospitalization rate per 10,000							
Crude	6,043	14.9	9.9	Yes	10.0	Yes	4th
Age-adjusted	6,043	13.2	9.2	Yes	8.9	Yes	4th
Alcohol related motor vehicle injuries and deaths per 100,000	1,511	37.2	32.2	Yes	42.5	Yes	1st

# Maternal and Infant Health Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Percentage of births							
% of births to women aged 25 years and older without a high school education	3,410	9.2	13.7	Yes	10.5	Yes	3rd
% of births to out-of-wedlock mothers	11,734	27.8	40.4	Yes	39.1	Yes	1st
% of births that were first births	17,366	41.2	42.1	Yes	40.1	Yes	3rd
% of births that were multiple births	2,018	4.8	3.9	Yes	4.1	Yes	4th
% of births with early (1st trimester) prenatal care	35,479	84.6	73.7	Yes	75.7	Yes	1st
% of births with late (3rd trimester) or no prenatal care	1,219	2.9	5.6	Yes	4.1	Yes	1st
% of births with adequate prenatal care (Kotelchuck)	33,068	80.6	69.0	Yes	70.2	Yes	1st
WIC indicators							
% of pregnant women in WIC with early (1st trimester) prenatal care (2009-2011)	9,742	83.7	86.5	Yes	86.9	Yes	4th
% of pregnant women in WIC who were pre-pregnancy underweight (BMI less than 18.5) (2010-2012)	385	3.1	4.7	Yes	4.1	Yes	1st
% of pregnant women in WIC who were pre-pregnancy overweight but not obese (BMI 25-less than 30) (2010-2012)	3,998	31.7	26.6	Yes	26.3	Yes	4th
% of pregnant women in WIC who were pre-pregnancy obese (BMI 30 or higher) (2010-2012)	2,973	23.6	24.2	No	28.0	Yes	1st
% of pregnant women in WIC with anemia in 3rd trimester (2009-2011)	442	33.3	37.3	Yes	36.0	No	3rd
% of pregnant women in WIC with gestational weight gain greater than ideal (2009-2011)	5,457	47.1	41.7	Yes	47.1	No	1st
% of pregnant women in WIC with gestational diabetes (2009-2011)	917	7.8	5.5	Yes	5.8	Yes	4th
% of pregnant women in WIC with hypertension during pregnancy (2009-2011)	1,024	8.7	7.1	Yes	9.0	No	2nd

% of WIC infants breastfeeding at least 6 months (2012-2014)	1,348	34.9	39.0	Yes	27.5	Yes	1st
% of infants fed any breast milk in delivery hospital	31,353	84.6	84.2	No	79.0	Yes	1st
% of infants fed exclusively breast milk in delivery hospital	11,097	29.9	41.8	Yes	50.3	Yes	4th
% of births delivered by cesarean section	16,329	38.7	33.9	Yes	34.9	Yes	4th
Mortality rate per 1,000 live births							
Infant (less than 1 year)	149	3.5	4.8	Yes	5.3	Yes	1st
Neonatal (less than 28 days)	116	2.8	3.3	Yes	3.8	Yes	2nd
Post-neonatal (1 month to 1 year)	33	0.8	1.5	Yes	1.5	Yes	1st
Fetal death (20 weeks gestation or more)	172	4.1	6.3	Yes	4.2	No	2nd
Perinatal (20 weeks gestation to less than 28 days of life)	288	6.8	9.6	Yes	8.0	Yes	2nd
Perinatal (28 weeks gestation to less than 7 days of life)	173	4.1	5.3	Yes	5.3	Yes	1st
Maternal mortality rate per 100,000 live births +	9	21.4*	18.7	No	18.0	No	3rd
Low birthweight indicators							
% very low birthweight (less than 1.5 kg) births	549	1.3	1.4	No	1.4	No	3rd
% very low birthweight (less than 1.5kg) singleton births	355	0.9	1.0	Yes	1.0	Yes	2nd
% low birthweight (less than 2.5 kg) births	3,339	7.9	7.9	No	7.6	Yes	4th
% low birthweight (less than 2.5kg) singleton births	2,216	5.5	6.0	Yes	5.6	No	3rd
% of premature births by gestational age							
less than 32 weeks gestation	678	1.6	1.7	No	1.8	Yes	2nd
32 - less than 37 weeks gestation	3,931	9.3	9.1	No	9.0	No	4th
less than 37 weeks gestation	4,609	10.9	10.8	No	10.9	No	3rd
% of births with a 5 minute APGAR less than 6	203	0.5	0.6	Yes	0.8	Yes	1st
Newborn drug-related diagnosis rate per 10,000 newborn discharges	329	79.1	103.5	Yes	139.8	Yes	1st

# Obesity and Related Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
All students (elementary - PreK, K, 2nd and 4th grades, middle - 7th grade and high school - 10th grade) with weight status information in SWSCRS							
% overweight but not obese (85th-less than 95th percentile) # (2012-2014)	9,812	15.3	N/A	N/A	16.7	N/A	1st
% obese (95th percentile or higher) # (2012-2014)	9,896	15.5	N/A	N/A	17.3	N/A	1st
% overweight or obese (85th percentile or higher) # (2012-2014)	19,708	30.8	N/A	N/A	33.9	N/A	1st
Elementary students (PreK, K, 2nd and 4th grades) with weight status information in SWSCRS (2012-2014)							
% overweight but not obese (85th-less than 95th percentile) # (2012-2014)	5,379	14.7	N/A	N/A	16.4	N/A	1st
% obese (95th percentile or higher ) # (2012-2014)	5,898	16.2	N/A	N/A	16.8	N/A	2nd
% overweight or obese (85th percentile or higher) # (2012-2014)	11,277	30.9	N/A	N/A	33.1	N/A	1st
Middle and high school students (7th and 10th grades) with weight status information in SWSCRS (2012-2014)							
% overweight but not obese (85th-less than 95th percentile) # (2012-2014)	4,289	16.3	N/A	N/A	17.1	N/A	1st
% obese (95th percentile or higher ) # (2012-2014)	3,900	14.8	N/A	N/A	18.1	N/A	1st
% overweight or obese (85th percentile or higher) # (2012-2014)	8,189	31.0	N/A	N/A	35.2	N/A	1st
% of pregnant women in WIC who were pre-pregnancy overweight but not obese (BMI 25-less than 30)	3,998	31.7	26.6	Yes	26.3	Yes	4th
% of pregnant women in WIC who were pre-pregnancy obese (BMI 30 or higher)	2,973	23.6	24.2	No	28.0	Yes	1st
% obese (95th percentile or higher) children in WIC (aged 2-4 years) (2012-2014)	3,310	20.8	14.0	Yes	15.0	Yes	4th
% of children in WIC viewing TV 2 hours or less per day (aged 2-4 years) (2012-2014)	12,695	80.3	82.6	Yes	83.2	Yes	3rd
% of WIC infants breastfeeding at least 6 months (2012-2014)	1,348	34.9	39.0	Yes	27.5	Yes	1st



Age-adjusted % of adults overweight or obese (BMI 25 or higher) (2013-2014)	N/A	56.8	60.5	No	62.3	No	1st
Age-adjusted % of adults obese (BMI 30 or higher) (2013-2014)	N/A	20.8	24.6	No	27.4	Yes	1st
Age-adjusted % of adults who did not participate in leisure time physical activity in last 30 days (2013-2014)	N/A	28.8	27.1	No	26.2	No	2nd
Age-adjusted % of adults eating 5 or more fruits or vegetables per day (2008-2009)	N/A	28.3	27.1	No	27.7	No	1st
Age-adjusted % of adults with physician diagnosed diabetes (2008-2009)	N/A	7.6	8.9	No	8.2	No	1st
Age-adjusted % of adults with physician diagnosed angina, heart attack or stroke # (2008-2009)	N/A	6.4	7.6	No	7.2	No	1st
Age-adjusted mortality rate per 100,000							
Cardiovascular disease mortality	13,663	230.5	221.9	Yes	222.1	Yes	3rd
Cerebrovascular disease (stroke) mortality	1,279	22.2	25.6	Yes	29.0	Yes	1st
Diabetes mortality	538	9.7	17.4	Yes	15.5	Yes	1st
Age-adjusted hospitalization rate per 100,00							
Cardiovascular disease hospitalizations	73,105	138.6	135.8	Yes	129.1	Yes	4th
Cerebrovascular disease (stroke) hospitalizations	11,396	21.3	22.8	Yes	22.9	Yes	2nd
Diabetes hospitalizations (primary diagnosis)	6,182	13.1	17.1	Yes	13.8	Yes	2nd

# Occupational Health Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Incidence of malignant mesothelioma per 100,000 persons aged 15 years and older (2010-2012)	49	1.5	1.3	No	1.7	No	3rd
Hospitalization rate per 100,000 persons aged 15 years and older							
Pneumoconiosis	537	16.1	9.1	Yes	12.5	Yes	4th
Asbestosis	516	15.5	8.2	Yes	11.4	Yes	4th
Work-related hospitalizations per 100,000 employed persons aged 16 years and older	3,124	159.8	151.1	Yes	184.1	Yes	2nd
Elevated blood lead levels (greater than or equal to 10 micrograms per deciliter) per 100,000 employed persons aged 16 years and older	239	12.2	20.1	Yes	20.6	Yes	2nd
Fatal work-related injuries per 100,000 employed persons aged 16 years and older #	26	1.3	2.3	Yes	2.6	Yes	1st

# Oral Health Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Oral health survey of 3rd grade children							
% of 3rd grade children with caries experience # (2009-2011)	N/A	41.9	N/A	N/A	45.4	Yes	2nd
% of 3rd grade children with untreated caries # (2009-2011)	N/A	27.1	N/A	N/A	24.0	Yes	3rd
% of 3rd grade children with dental sealants # (2009-2011)	N/A	29.1	N/A	N/A	41.9	Yes	1st
% of 3rd grade children with dental insurance # (2009-2011)	N/A	71.3	N/A	N/A	81.8	No	1st
% of 3rd grade children with at least one dental visit in last year # (2009-2011)	N/A	88.3	N/A	N/A	83.4	Yes	4th

% of 3rd grade children reported taking fluoride tablets regularly # (2009-2011)	N/A	40.4	N/A	N/A	41.9	Yes	2nd
Age-adjusted % of adults who had a dentist visit within the past year # (2013-2014)	N/A	79.2	69.8	Yes	71.5	Yes	1st
Caries outpatient visit rate per 10,000 (aged 3-5 years)	455	33.2	83.4	Yes	103.0	Yes	1st
Medicaid oral health indicators							
% of Medicaid enrollees with at least one dental visit within the last year # (2013-2015)	246,359	30.4	31.3	Yes	30.8	Yes	2nd
% of Medicaid enrollees with at least one preventive dental visit within the last year # (2013-2015)	220,391	27.2	27.2	No	26.5	Yes	1st
% of Medicaid enrollees (aged 2-20 years) who had at least one dental visit within the last year # (2013-2015)	112,319	47.0	45.8	Yes	45.6	Yes	1st
% of Medicaid enrollees (aged 2-20 years) with at least one preventive dental visit within the last year # (2013-2015)	104,382	43.7	41.7	Yes	41.8	Yes	1st
% of children, aged 2-21 years, with at least one dental visit in government sponsored insurance programs (2014)	43,721	60.5	58.2	Yes	59.9	No	2nd
Oral cancer							
Crude incidence rate per 100,000 (2010-2012)	506	12.5	12.1	No	13.5	No	2nd
Age-adjusted incidence rate per 100,000 (2010-2012)	506	9.9	10.5	No	11.0	Yes	2nd
Crude mortality rate per 100,000 (2010-2012)	85	2.1	2.5	No	2.6	No	2nd
Age-adjusted mortality rate per 100,000 (2010-2012)	85	1.6	2.2	Yes	2.1	No	1st
Mortality per 100,000 (aged 45-74 years) (2010-2012)	41	2.8	4.8	Yes	4.6	Yes	1st

# Respiratory Disease Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Chronic lower respiratory disease mortality rate per 100,000							
Crude	1,255	30.9	35.0	Yes	45.4	Yes	1st
Age-adjusted	1,255	22.4	29.8	Yes	35.6	Yes	1st
Chronic lower respiratory disease hospitalization rate per 10,000							
Crude	12,048	29.7	34.8	Yes	31.0	Yes	2nd
Age-adjusted	12,048	25.3	32.3	Yes	26.7	Yes	2nd
Asthma hospitalization rate per 10,000							
Crude	5,552	13.7	17.6	Yes	10.6	Yes	4th
Age-adjusted	5,552	13.3	17.6	Yes	10.5	Yes	4th
Aged 0-4 years	1,035	47.2	49.3	No	29.3	Yes	4th
Aged 5-14 years	826	16.1	21.7	Yes	11.1	Yes	4th
Aged 0-17 years	1,941	21.4	27.0	Yes	14.3	Yes	4th
Aged 5-64 years	2,983	9.4	13.5	Yes	8.2	Yes	4th
Aged 15-24 years	238	4.4	6.7	Yes	3.6	Yes	4th
Aged 25-44 years	503	5.3	8.1	Yes	6.1	Yes	2nd
Aged 45-64 years	1,416	11.9	18.8	Yes	11.0	Yes	3rd
Aged 65 years or older	1,534	23.4	27.1	Yes	16.3	Yes	4th
Asthma mortality rate per 100,000							
Crude	31	0.8	1.4	Yes	1.0	No	2nd
Age-adjusted	31	0.7	1.3	Yes	0.8	Yes	2nd
Age-adjusted % of adults with current asthma (2013-2014)	N/A	8.8	10.1	No	10.5	No	2nd

# Socio-Economic Status and General Health Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Total population (2014)	N/A	1,358,627.0	19,746,227.0	N/A	11,255,148.0	N/A	4th
% of labor force unemployed (2015)	30,009	4.3	5.3	Yes	5.0	Yes	1st
% of population below poverty (2014)	N/A	6.7	16.0	Yes	N/A	N/A	1st
% of children aged less than 18 years below poverty (2014)	N/A	9.3	22.9	Yes	N/A	N/A	1st
Median household income in US dollars (2014)	N/A	98,312.0	58,771.0	N/A	N/A	N/A	1st
% of children aged less than 19 years with health insurance (2014)	N/A	97.0	96.6	No	N/A	N/A	1st
% of adults aged 18-64 years with health insurance (2014)	N/A	91.2	87.6	Yes	N/A	N/A	2nd
High school drop out rate (2013-2015)	1,989	1.0	3.1	Yes	2.2	Yes	1st
Age-adjusted % of adults who did not receive medical care because of cost # (2013-2014)	N/A	17.5	13.6	No	12.0	No	4th
Age-adjusted % of adults with regular health care provider (2013-2014)	N/A	83.9	84.5	No	84.7	No	3rd
Age-adjusted % of adults who had poor mental health 14 or more days within the past month (2013-2014)	N/A	8.0	11.1	No	11.8	No	1st
Birth rate per 1,000 population	42,154	10.4	12.1	Yes	10.7	Yes	3rd
Total mortality rate per 100,000	32,063	789.7	750.1	Yes	853.3	Yes	1st
Age-adjusted total mortality rate per 100,000	32,063	572.6	635.0	Yes	669.1	Yes	1st
% premature deaths (aged less than 75 years)	10,417	32.5	40.1	Yes	38.0	Yes	1st
Years of potential life lost per 100,000	172,052	4,597.6	5,525.5	Yes	5,840.0	Yes	1st

Total emergency department visit rate per 10,000	1,217,087	2,997.7	4,076.2	Yes	3,739.6	Yes	1st
Age-adjusted total emergency department visit rate per 10,000	1,217,087	2,940.3	4,058.2	Yes	3,743.4	Yes	1st
Total hospitalization rate per 10,000	488,195	1,202.4	1,188.4	Yes	1,134.3	Yes	4th
Age-adjusted total hospitalization rate per 10,000	488,195	1,110.5	1,127.6	Yes	1,068.7	Yes	3rd

## Tobacco, Alcohol and Other Substance Abuse Indicators - Nassau County

2012-2014

Indicator	3 Year Total	County Rate	NYS Rate	Sig.Dif.	NYS Rate exc NYC	Sig.Dif.	County Ranking Group
Drug-related hospitalization rate per 10,000							
Crude	6,571	16.2	22.8	Yes	19.9	Yes	2nd
Age-adjusted	6,571	17.2	22.6	Yes	20.7	Yes	2nd
Newborn drug-related diagnosis rate per 10,000 newborn discharges	329	79.1	103.5	Yes	139.8	Yes	1st
Alcohol related motor vehicle injuries and deaths per 100,000	1,511	37.2	32.2	Yes	42.5	Yes	1st
Age-adjusted % of adults who smoke cigarettes (2013-2014)	N/A	13.1	15.9	No	18.0	No	1st
Age-adjusted % of adults living in homes where smoking is prohibited (2008-2009)	N/A	84.3	80.9	No	79.3	No	1st
Age-adjusted % of adults who binge drink (2013-2014)	N/A	13.2	17.7	No	17.2	No	1st