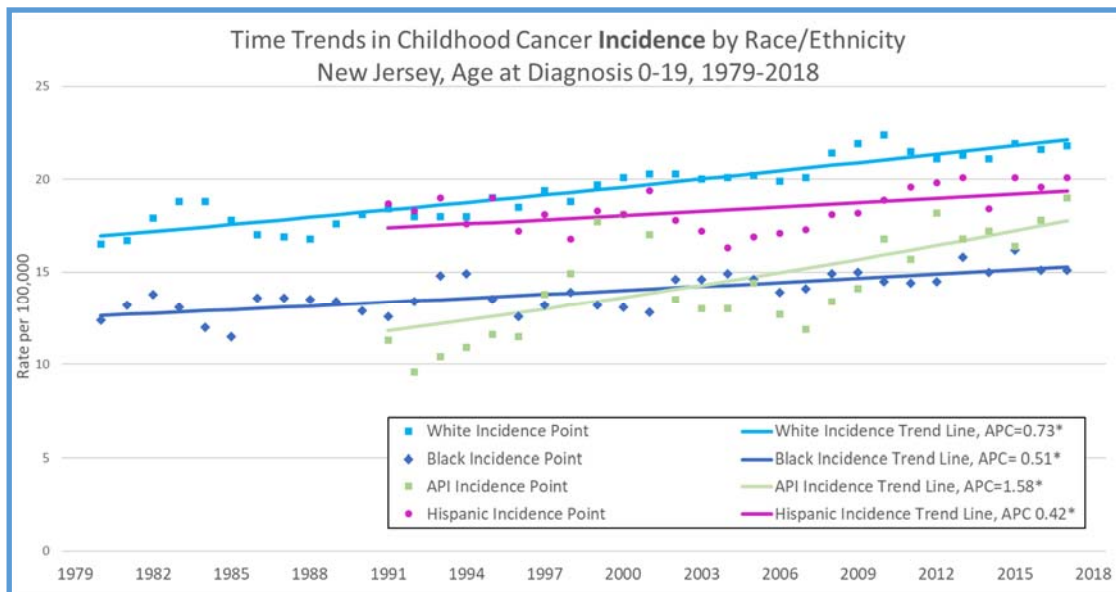


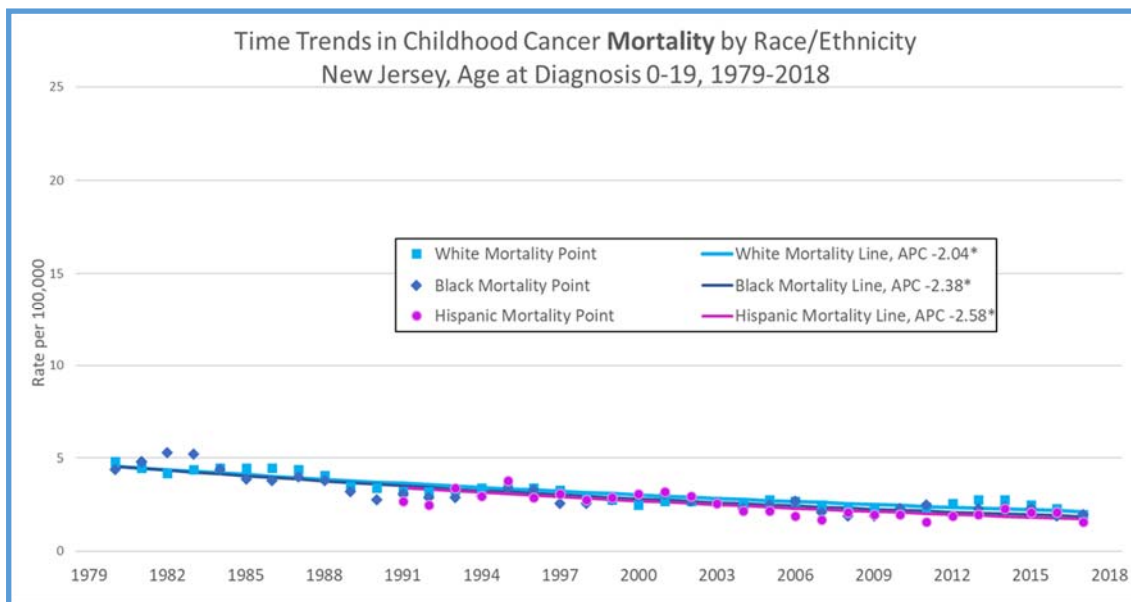
## Childhood Cancer Trends by Race and Ethnicity



NEW CASES

- Cancer **incidence** rates among White, Black, API and Hispanic children have demonstrated statistically significant increasing trends from 1979-2018 for White and Black children and from 1990-2018 for API and Hispanic children. This increase is being driven by Leukemia, Brain and Other Nervous System cancer and Lymphoma, which comprise over 55% of all incident childhood cancers.
- White children have the highest incidence rates while Black and API children have the lowest.

DEATHS



- Cancer **mortality** rates have demonstrated statistically significant decreasing trends from 1979-2018 for White and Black children and from 1990-2018 for API and Hispanic children. This increase is being driven by Leukemia, Lymphoma, Brain and Other Nervous System cancer which comprise 55% of all childhood cancers. This decrease is being driven by Leukemia, Brain and Other Nervous System cancer and Lymphoma, which comprise over 55% of all childhood cancer deaths.
- Decreasing **mortality** rates in relation to increasing **incidence** rates indicate significant improvements in survival of childhood cancers.

## Data Tables & Technical Notes

Childhood Cancer **Incidence** by Race/Ethnicity  
New Jersey, Age at Diagnosis 0-19, 1979-2018

	White	Black	API	Hispanic
1979-1981	16.5	12.4	-	-
1980-1982	16.7	13.2	-	-
1981-1983	17.9	13.8	-	-
1982-1984	18.8	13.1	-	-
1983-1985	18.8	12.0	-	-
1984-1986	17.8	11.5	-	-
1985-1987	17.0	13.6	-	-
1986-1988	16.9	13.6	-	-
1987-1989	16.8	13.5	-	-
1988-1990	17.6	13.4	-	-
1989-1991	18.1	12.9	-	-
1990-1992	18.4	12.6	11.3	18.7
1991-1993	18.0	13.4	9.6	18.3
1992-1994	18.0	14.8	10.4	19.0
1993-1995	18.0	14.9	10.9	17.6
1994-1996	19.0	13.5	11.6	19.0
1995-1997	18.5	12.6	11.5	17.2
1996-1998	19.4	13.2	13.8	18.1
1997-1999	18.8	13.9	14.9	16.8
1998-2000	19.7	13.2	17.7	18.3
1999-2001	20.1	13.1	18.1	18.1
2000-2002	20.3	12.8	17.0	19.4
2001-2003	20.3	14.6	13.5	17.8
2002-2004	20.0	14.6	13.0	17.2
2003-2005	20.1	14.9	13.0	16.3
2004-2006	20.2	14.6	14.4	16.9
2005-2007	19.9	13.9	12.7	17.1
2006-2008	20.1	14.1	11.9	17.3
2007-2009	21.4	14.9	13.4	18.1
2008-2010	21.9	15.0	14.1	18.2
2009-2011	22.4	14.5	16.8	18.9
2010-2012	21.5	14.4	15.7	19.6
2011-2013	21.1	14.5	18.2	19.8
2012-2014	21.3	15.8	16.8	20.1
2013-2015	21.1	15.0	17.2	18.4
2014-2016	21.9	16.2	16.4	20.1
2015-2017	21.6	15.1	17.8	19.6
2016-2018	21.8	15.1	19.0	20.1

Childhood Cancer **Mortality** by Race/Ethnicity  
New Jersey, Age at Diagnosis 0-19, 1979-2018

	White	Black	API	Hispanic
1979-1981	4.8	4.4	-	-
1980-1982	4.5	4.8	-	-
1981-1983	4.2	5.3	-	-
1982-1984	4.4	5.2	-	-
1983-1985	4.5	4.4	-	-
1984-1986	4.5	3.9	-	-
1985-1987	4.5	3.8	-	-
1986-1988	4.4	4.0	-	-
1987-1989	4.1	3.8	-	-
1988-1990	3.5	3.2	-	-
1989-1991	3.4	2.8	-	-
1990-1992	3.2	3.1	--	2.7
1991-1993	3.2	2.9	--	2.5
1992-1994	3.3	2.9	--	3.4
1993-1995	3.4	3.0	3.0	3.0
1994-1996	3.7	3.4	2.9	3.8
1995-1997	3.4	3.3	3.2	2.9
1996-1998	3.3	2.6	--	3.1
1997-1999	3.0	2.6	--	2.8
1998-2000	2.8	2.8	--	2.9
1999-2001	2.5	3.0	2.6	3.1
2000-2002	2.7	3.1	2.7	3.2
2001-2003	2.7	2.7	2.5	3.0
2002-2004	2.7	2.6	2.1	2.6
2003-2005	2.5	2.3	1.9	2.2
2004-2006	2.8	2.5	--	2.2
2005-2007	2.7	2.7	--	1.9
2006-2008	2.5	2.1	--	1.7
2007-2009	2.3	1.9	--	2.1
2008-2010	2.3	1.9	1.7	2.0
2009-2011	2.2	2.3	1.8	2.0
2010-2012	2.4	2.5	1.6	1.6
2011-2013	2.6	1.9	--	1.9
2012-2014	2.8	2.3	--	2.0
2013-2015	2.8	2.4	--	2.3
2014-2016	2.5	2.3	--	2.1
2015-2017	2.3	1.9	--	2.1
2016-2018	2.0	2.0	1.6	1.6

Rates are per 100,000 and age-adjusted to the 2000 US population standard. Rates were calculated using 3 year averages to reduce the likelihood of suppression and yield more stable results. API=Asian/Pacific Islanders; Persons of Hispanic ethnicity may be of any race or combination of races. (-) Data not available, (--) Data suppressed due to low counts. A trend line could not be produced for NJ API mortality because the rate was zero for more than one year. Data sources: Incidence New Jersey State Cancer Registry, November 2020 file, New Jersey Department of Health; Mortality- National Center for Health Statistics.

The New Jersey State Cancer Registry (NJSCR) Data Guidelines containing comprehensive data analysis methods, race and ethnicity classification, population and mortality data sources, and additional information related to NJSCR data can be found at <https://www.nj.gov/health/ces/reports.shtml>.