

Cohort Graduation and Dropout Rates

JOE KOLOSKY
NORTH DAKOTA DEPARTMENT OF PUBLIC
INSTRUCTION
OCTOBER 10, 2018

Definition of Graduate

A student who has received a standard diploma issued by the local school district certifying the completion of local high school graduation requirements.

For the purposes of reporting, **August 31, 2017**, is the date by which a student must receive his or her diploma to be counted as a graduate.

Definition of Cohort

Number of first-time 9th graders in fall **2013** (starting cohort) plus students who transfer in, minus students who transfer out, emigrate, or pass away during school years:

- **2013-2014 –Freshman Year;**
- **2014-2015 –Sophomore Year;**
- **2015-2016 –Junior Year; and**
- **2016-2017 –Senior Year and through summer 2017.**

Cohort Rate Characteristics

- Measures what happens to a single group of students (cohort) over a period of time;
- Measures percent of students from an entering 9th grade cohort who graduate with a standard diploma within four years;
- Data is validated and very accurate.

Cohort Rate Characteristics

- Note: Definition Change

“A dropout is defined as any student who leaves high school for any reason before graduation or completion of a program of studies without transferring to another secondary school OR graduating within 4 academic years after entering the 9th grade” (Insights ND, n.d.).

- This definition is not used for accountability.

- November or February release it will be resurrected.

Source of Cohort Graduation and Drop-out Data

- Self-reported by schools Pupil Membership Report;
- Collected and validated annually in online Statewide Automated Reporting System (STARS), Graduation Rate Report STARS Help Manual, NDDPI, **2017**.

4 Year Cohort Graduation Rate Method

2016-2017

Total Graduates	Total Graduates/ Cohort Group	Cohort Graduation Rate
6,588	6,588 / 7,572	86.0%

4 Year Cohort Graduation Rate: Native American Students 2016-2017

Total Graduates	Total Graduates/ Cohort Group	Cohort Graduation Rate
463	463 / 688	67.3%

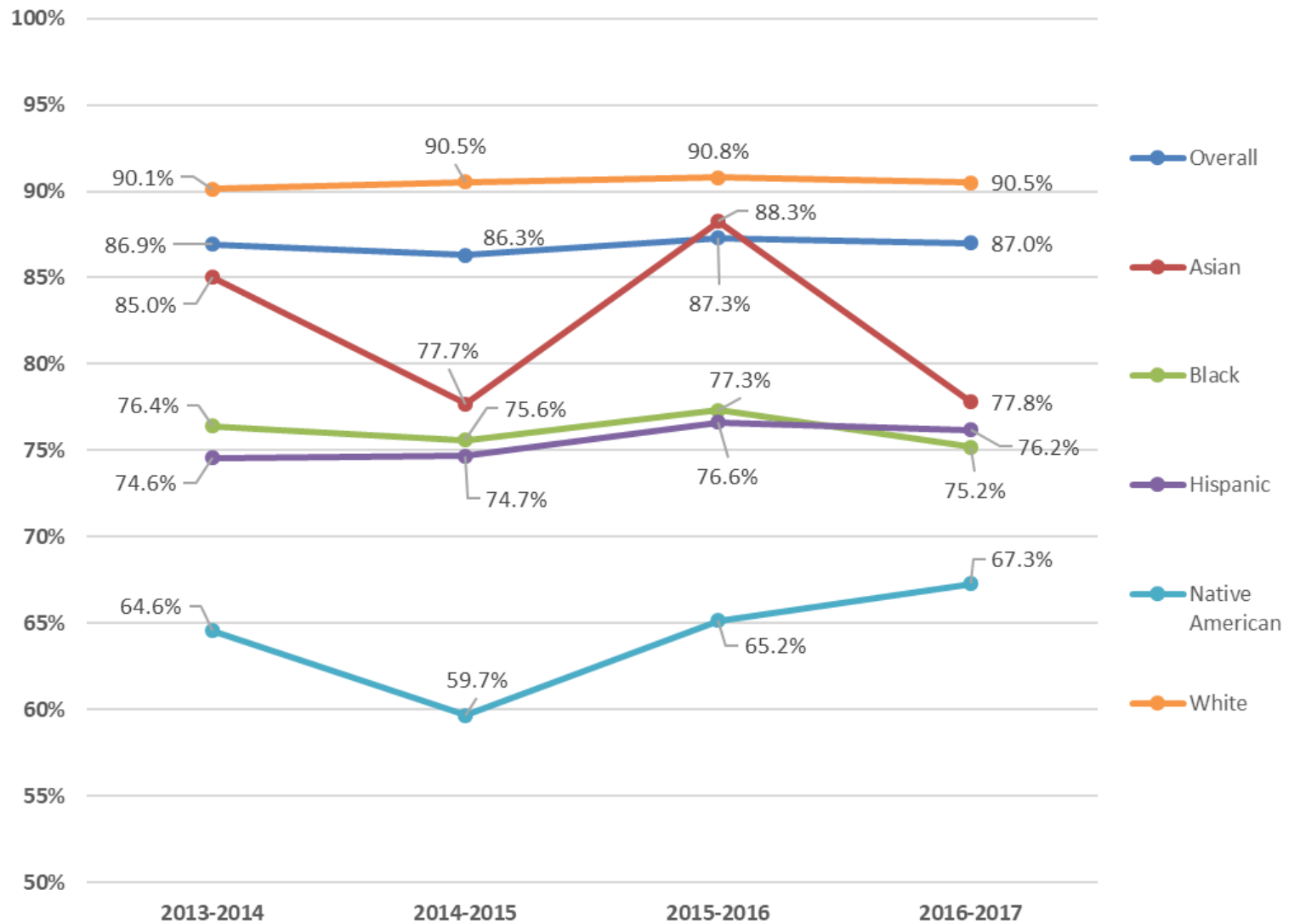
4 Year Cohort Graduation Rate: Economically Disadvantaged Students 2016-2017

Total Graduates	Total Graduates/ Cohort Group	Cohort Graduation Rate
1494	1,494 / 2,032	73.5%

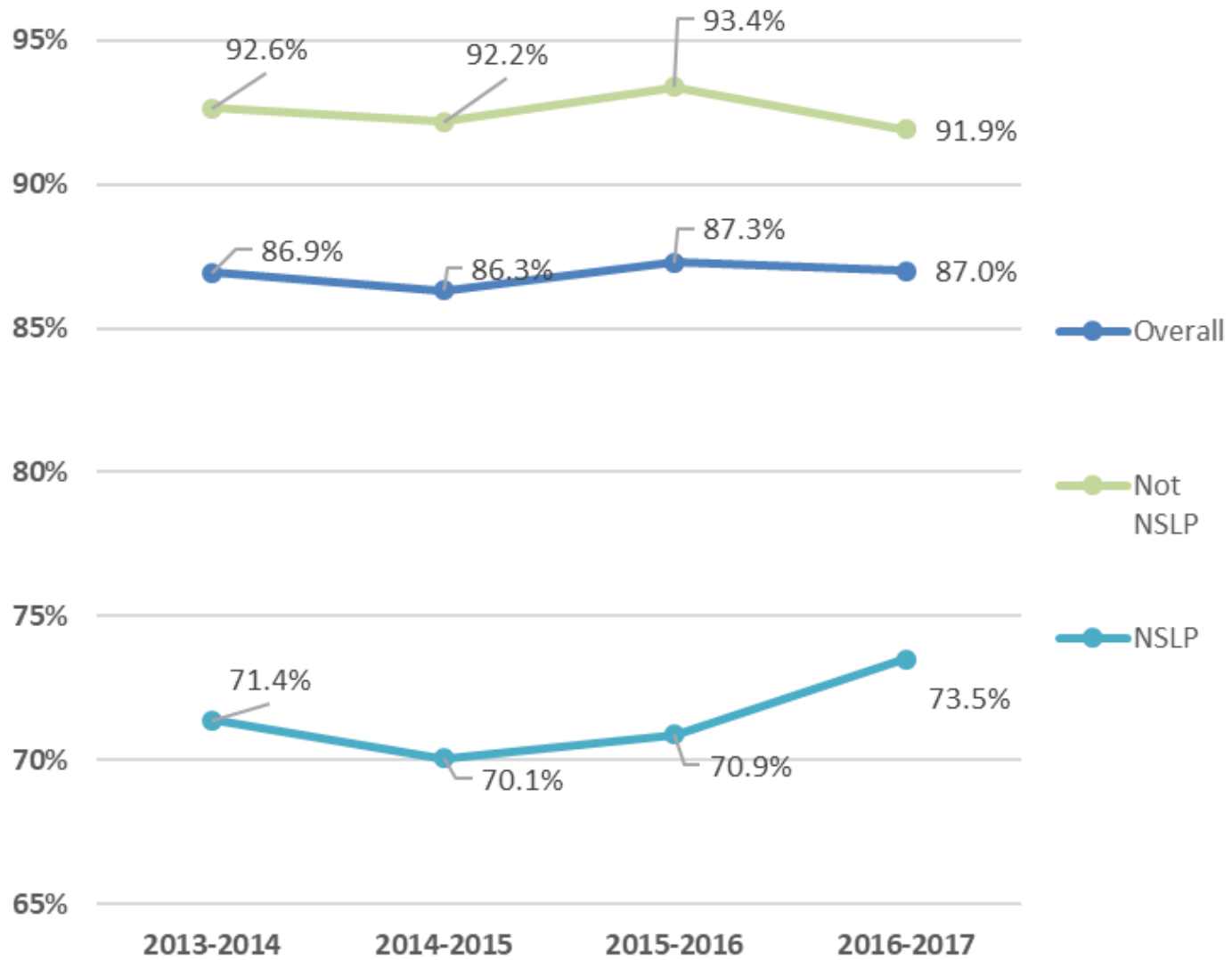
Graduation Rate: Comparison Data

	15-16	16-17	Difference
All Students	87.3%	87.0%	-0.3%
Asian American	88.3%	77.8%	-10.5%
Black	77.3%	75.2%	-2.1%
Hispanic	76.6%	76.2%	-0.4%
Native American	65.2%	67.3%	2.1%
White	90.8%	90.5%	-0.3%
Female	89.2%	88.8%	-0.4%
Male	85.5%	85.3%	-0.2%
Low Income	70.9%	73.5%	2.6%
Non Low Income	93.4%	91.9%	-1.4%
IEP	67.5%	66.1%	-1.5%

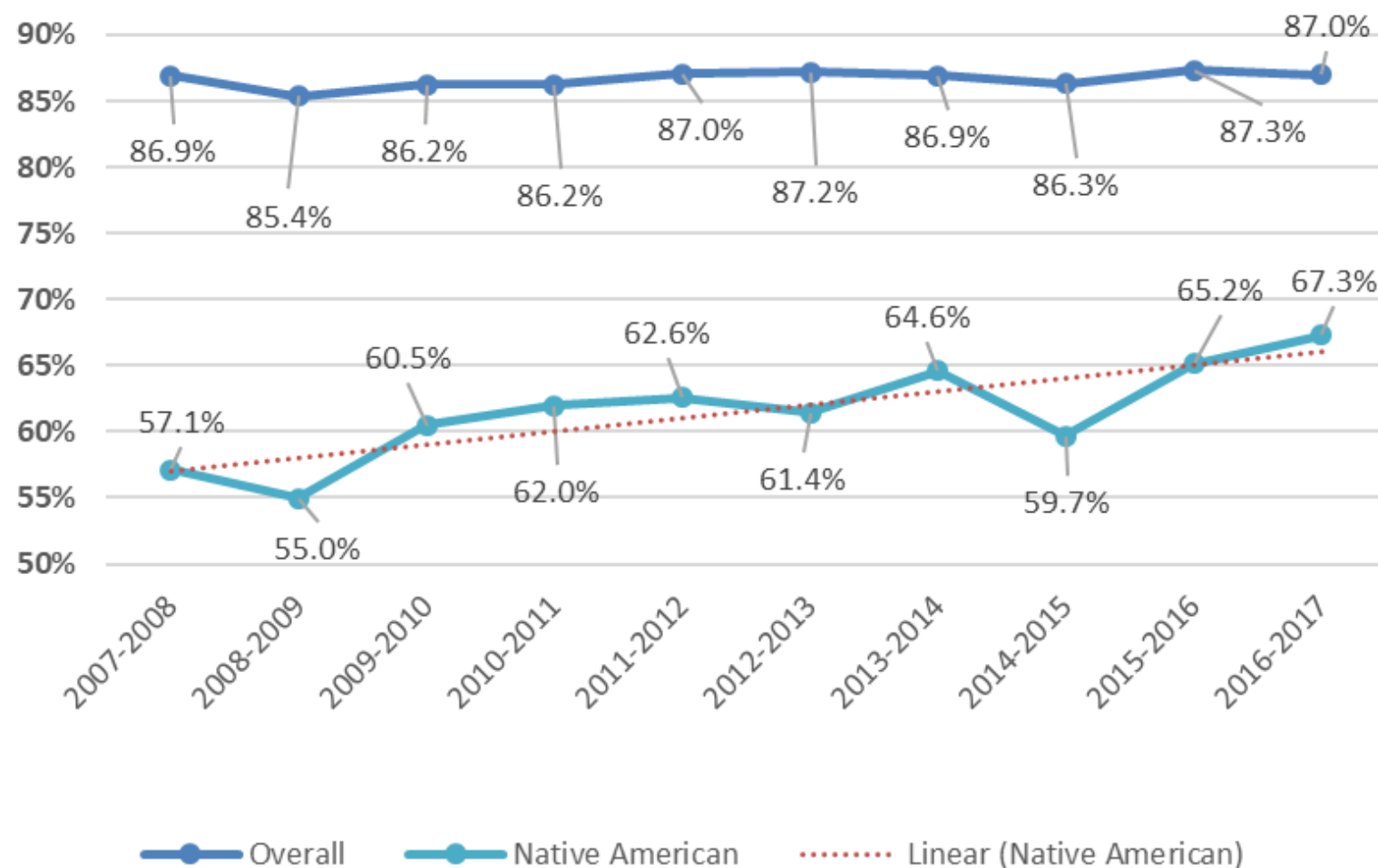
Graduation Rates for the Last 4 Cohort Years



Socio-Economic Status and Graduation Rates



Native American Graduation Rate Over Time

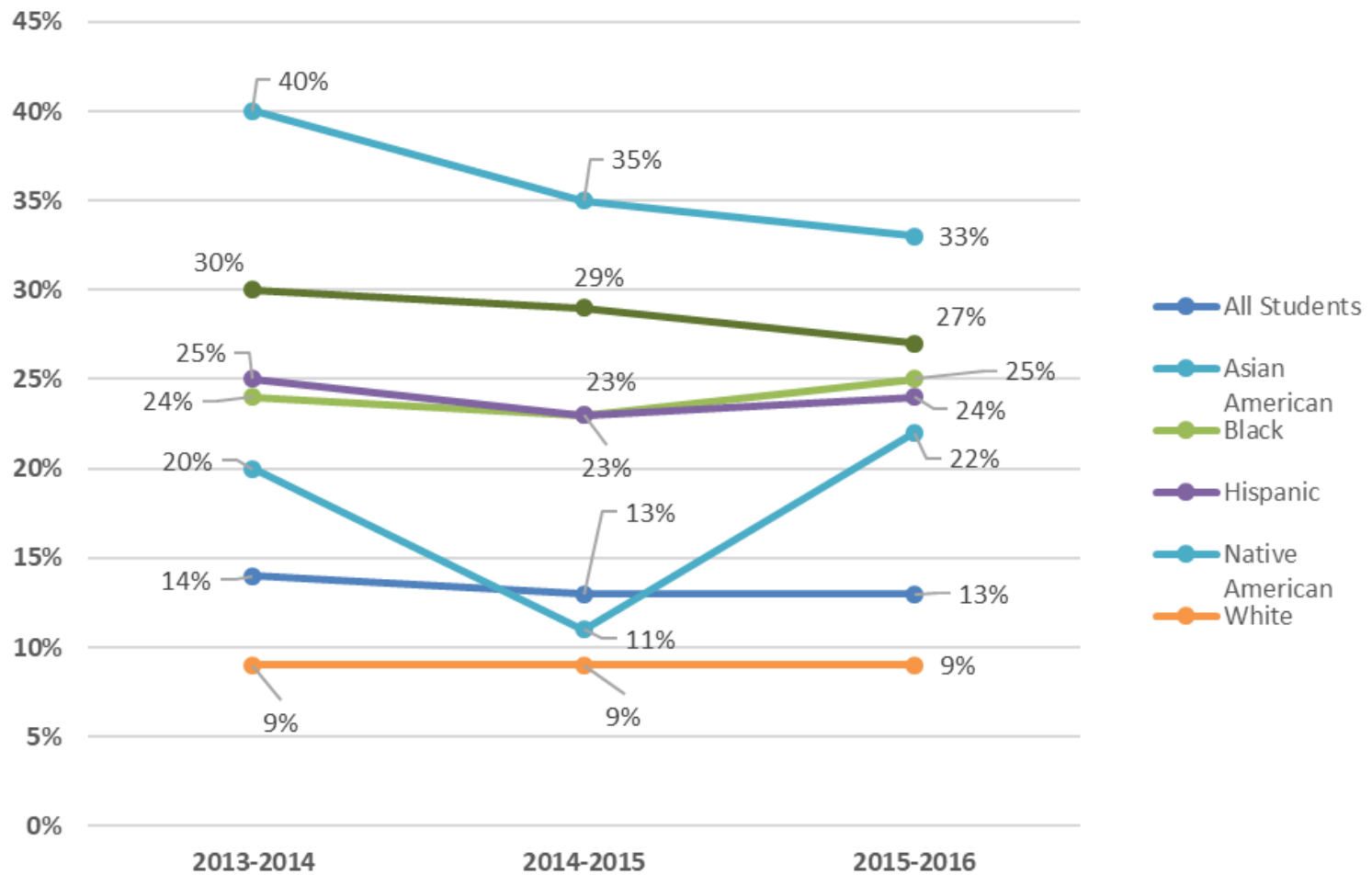


Cohort Dropout Rates

Cohort Dropout Definition:

- Student was enrolled last year and did not re-enroll the following year; **or**
- Student enters GED program prior to completion of secondary education; **or**
- Student enrolls in a program that does not lead to a school district approved diploma; **or**
- Student receives a certificate of attendance or a non-standard diploma; **or**
- Student reaches maximum age for services without achieving a standard diploma; **or**
- Student is absent without an approved excuse or a documented transfer and does not return to school by fall of the following school year.

Ethnic and Socio Economic Status and Drop Out Rates



Note: new Definition for drop out was used for 2016-2017

	14-15	15-16	16-17
All Students	14%	13%	13%
Asian American	20%	11%	22%
Black	24%	23%	25%
Hispanic	25%	23%	24%
Native American	40%	35%	33%
White	9%	9%	9%
Female	12%	11%	11%
Male	16%	15%	15%
Low Income	30%	29%	27%

North Dakota Department of Public Instruction

Joe Kolosky
jkolosky@nd.gov
328-2295