

Oregon Department of Education (ODE)

Kindergarten Assessment (KA) - Third Grade Assessment Cohort Comparison

Early Learning Division (ELD) Analysis by Holly Dalton, March 2020

ODE conducted a comparison of Kindergarten Assessment (KA) and 3rd Grade Assessment for three groups of children. The children entered Kindergarten during school years:

- Group #1 - 2013-2014
- Group #2 - 2014-2015
- Group #3 - 2015-2016

This analysis compares z scores for the following assessment categories:

- Child's KA Letter Names scores compared with their 3rd Grade English Letter Arts (ELA) scores.
- Child's KA Letter Sounds scores compared with their 3rd Grade ELA scores
- Child's KA Early Mathematics compared with their 3rd Grade Mathematics scores

Z Scores – gives you an idea of how far from the mean a data point is. It is a measure of how many standard deviations below or above the population mean a raw score is.

What other student data is included?

Location

- State
- Early Learning Hub of Linn, Benton & Lincoln Counties
- 50 Schools

All Students (includes n) *all students who are a resident at the school on the first school day in May*

Race/Ethnicity (includes n)

- **Asian**
- **Black**
- **Hispanic**
- **American Indian/Alaskan**
- **Multi-Ethnic/Multi-Racial**
- **White**

Economically Disadvantaged (includes n) *uses the eligibility application for free and reduced price meal programs*

- **Limited English Proficient (includes n)** *not born in the United States or whose native language is a language other than English*
- **Underserved Ethnicity/Race (includes n)** *students from specific racial/ethnic subgroups (i.e., American Indian/Alaska Native, Native Hawaiian/Pacific Islander, Black/African American, or Hispanic/Latino) that have an historical and contemporary achievement gap in Oregon*

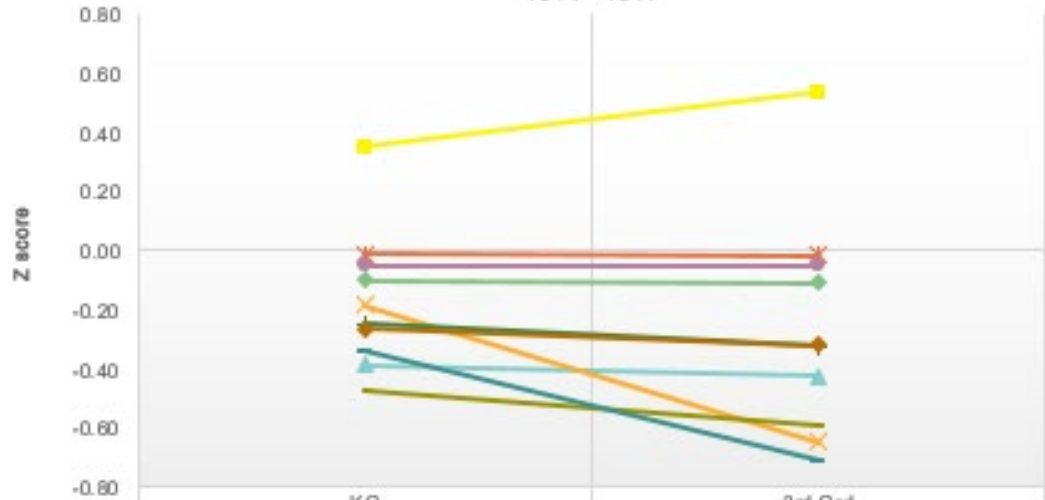
- **Students with Disabilities (includes n)** receiving special education services at any time during the school year as part of an Individualized Education Programs (IEP)

Group #1 – EL Hub KA Scores 2013-2014 compared with 3rd Grade Assessment Scores 2016-2017



Cohort	InstID	InstName	Subj	studGrpTyp	studGrp	KG	3rd Grd	N
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	All students	All students	-0.04	-0.11	1,836
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Ethnicity / Race	Asian	0.85	0.54	21
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Ethnicity / Race	Hispanic	-0.45	-0.42	296
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Ethnicity / Race	American Indian / Alaskan Native	-0.17	-0.65	19
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Ethnicity / Race	Multi-Ethnic / Multi-Racial	0.11	-0.01	132
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Ethnicity / Race	White	0.03	-0.05	1,363
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Other	Economically Disadvantaged	-0.21	-0.32	1,224
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Other	Limited English Proficient	-0.68	-0.59	161
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Other	Students with Disabilities	-0.40	-0.71	260
1314 with 1617	16	Linn Benton Lincoln Early Learn	ELAn	Other	Underserved Ethnicity / Race	-0.27	-0.32	452

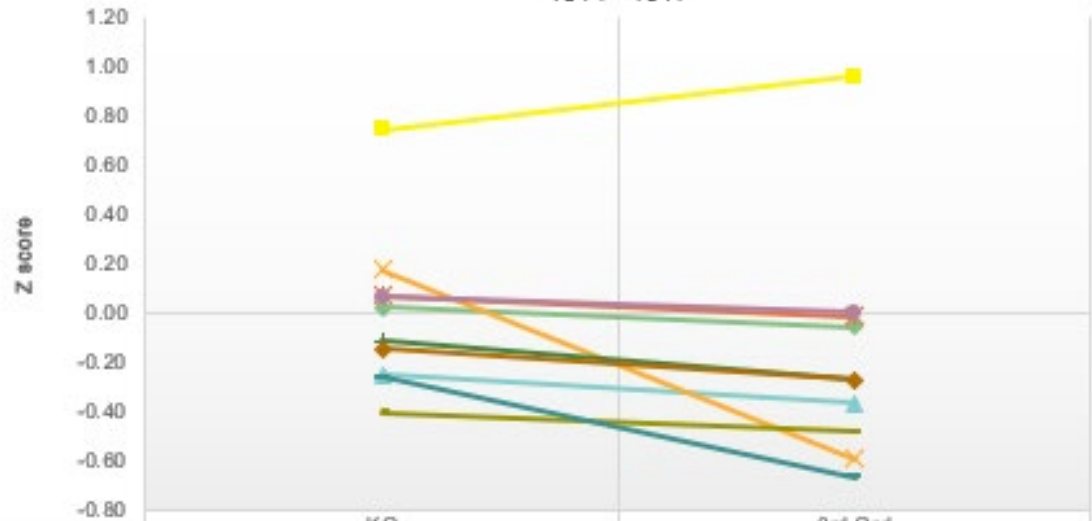
KG Letter Sounds - SBAC 3rd Grd ELA
1314 - 1617



	KG	3rd Grd
All students	-0.10	-0.11
Asian	0.35	0.54
Hispanic	-0.38	-0.42
American Indian / Alaskan Native	-0.18	-0.65
Multi-Ethnic / Multi-Racial	-0.01	-0.01
White	-0.05	-0.05
Economically Disadvantaged	-0.25	-0.32
Limited English Proficient	-0.47	-0.59
Students with Disabilities	-0.34	-0.71
Underserved Ethnicity / Race	-0.26	-0.32

Cohort	InstID	InstName	Subj	studGrpTyp	studGrp	KG	3rd Grd	N
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	All students	All students	-0.10	-0.11	1,836
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Ethnicity / Race	Asian	0.35	0.54	21
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Ethnicity / Race	Hispanic	-0.38	-0.42	296
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Ethnicity / Race	American Indian / Alaskan Native	-0.18	-0.65	19
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Ethnicity / Race	Multi-Ethnic / Multi-Racial	-0.01	-0.01	132
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Ethnicity / Race	White	-0.05	-0.05	1,363
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Other	Economically Disadvantaged	-0.25	-0.32	1,224
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Other	Limited English Proficient	-0.47	-0.59	161
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Other	Students with Disabilities	-0.34	-0.71	260
1314 with 1617	16	Linn Benton Lincoln Early Learn ELAs	ELAs	Other	Underserved Ethnicity / Race	-0.26	-0.32	452

KG Early Mathematics - SBAC 3rd Grd Mathematics
1314 - 1617



Group	KG	3rd Grd
All students	0.02	-0.06
Asian	0.74	0.96
Hispanic	-0.26	-0.37
American Indian / Alaskan Native	0.17	-0.59
Multi-Ethnic / Multi-Racial	0.07	-0.02
White	0.06	0.00
Economically Disadvantaged	-0.12	-0.28
Limited English Proficient	-0.41	-0.49
Students with Disabilities	-0.26	-0.67
Underserved Ethnicity / Race	-0.15	-0.28

Cohort	InstID	InstName	Subj	studGrpTyp	studGrp	KG	3rd Grd	N
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	All students	All students	0.02	-0.06	1,847
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Ethnicity / Race	Asian	0.74	0.96	21
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Ethnicity / Race	Hispanic	-0.26	-0.37	300
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Ethnicity / Race	American Indian / Alaskan Native	0.17	-0.59	19
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Ethnicity / Race	Multi-Ethnic / Multi-Racial	0.07	-0.02	135
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Ethnicity / Race	White	0.06	0.00	1,367
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Other	Economically Disadvantaged	-0.12	-0.28	1,233
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Other	Limited English Proficient	-0.41	-0.49	163
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Other	Students with Disabilities	-0.26	-0.67	266
1314 with 1617	16	Linn Benton Lincoln Early Learn EMA	EMA	Other	Underserved Ethnicity / Race	-0.15	-0.28	459