

JEFFERSON COUNTY PUBLIC SCHOOLS
 Open Records Request: 2018-2019 Winter Reading and Math MAP Data for End of Year Students (Elementary)
 Table provide by Bellarmine

4.1 DATA ON P-12 LEARNING AND DEVELOPMENT
 JEFFERSON COUNTY SCHOOLS ACADEMIC GROWTH PERCENTILES-TEACHERS WITH <4 YEARS OF EXPERIENCE
 2018-2019

Teacher Group (elementary)	MAP Math				
	Mean	Std. Dev.	Median	N	
Bellarmino list	187.92	27.00	192.000	24	BU teachers vs Other groups
JCPS teachers < 4 years experience	189.19	22.60	191.000	547	t = .27, p = .79, (-10.6, 8.1)
All JCPS teachers	192.05	24.50	195.000	1,731	t = .81, p = .41, (-14, 5.8)
JCPS schools lowest quartile (186.38)	181.31	7.50	182.750	24	t = 1.12, p = .25 (-4.9, 18.1)
JCPS schools highest quartile (195.01)	199.99	4.02	199.190	24	t = 2.17, p = .04 (-23.3, -0.85) JCPS < 4 v. Q1: t = 2.34, p = .02, (-19.9, -1.72)

Teacher Group (elementary)	MAP Reading				
	Mean	Std. Dev.	Median	N	
Bellarmino list	179.66	24.14	179.00	23	
JCPS teachers < 4 years experience	184.97	22.47	186.00	544	t = 1.1, p = .28, (-14.7, 4.1)
All JCPS teachers	187.98	23.75	190.00	1,770	t = 1.67, p = .095, (-18.1, 1.47)
JCPS schools lowest quartile (182.00)	177.11	5.43	178.53	24	t = .50, p = .62, (-7.6, 12.7)
JCPS schools highest quartile (192.08)	196.22	3.10	195.84	24	t = 3.3, p = .002, (-26.6, -6.56) JCPS < 4 v. Q1: t = 2.45, p = .02, (-20.2, -2.2)

Less than 5% of all teachers with less than 4 years experience are in the lower quartile (or upper). 91% of teachers with less than 4 years are in the 2nd or 3rd quartile. This is counter to research indicating new teachers are assigned to low performing schools.

Only statistical differences are found in comparisons associated with highest quartile. Bellarmine University teachers are significantly lower than highest quartile.

BU teachers(m = 187.92) are significantly lower in math scores than highest quartile (m = 199.99), t(46) = 2.17, p = .04, d= .78

BU teachers(m = 179.66) are significantly lower in reading scores than highest quartile (m =196.22), t(45) = 3.33, p = .002, d= .97

Although the effect sizes are not quite as large, not only are JCPS teachers in the highest quartile higher than BU teachers, they are higher than all teachers with less than 4 years experience

JCPS teachers with less than 4yrs exp (m=189.19) are significantly lower in math scores than highest quartile (m = 199.99), t(569) = 2.34, p = .02), d= .49

JCPS teachers with less than 4yrs exp (m = 184.97) are significantly lower in reading scores than highest quartile (m = 196.22), t(566) = 2.45, p = .02), d= .52