

Data Handle

James Woods

1/14/2017

Financial Data

This was downloaded from Oregon department of education.

```
DistrictFinance <- read.csv("https://s3-us-west-2.amazonaws.com/woodsjeeschools/ActualExpendituresFundF
```

```
library(stringr)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union

#Convert to starting of fiscal year. Remember that the year may not match with the test scores.
DistrictFinance$YearBeginning <- as.factor(str_sub(as.character(DistrictFinance$SchlYr),-4) )
```

```
summary(DistrictFinance)
```

```
##   DistInstID      SchlYr      FundCd      FuncCd
##   Min.   :1894   7/1/2000: 11307   Min.   :100.0   Min.   :1000
##   1st Qu.:1994   7/1/2002: 11085   1st Qu.:100.0   1st Qu.:1250
##   Median :2087   7/1/2001: 11056   Median :100.0   Median :2210
##   Mean   :2096   7/1/2003: 10870   Mean   :174.8   Mean   :2160
##   3rd Qu.:2188   7/1/2008: 10809   3rd Qu.:200.0   3rd Qu.:2540
##   Max.   :4131   7/1/2009: 10809   Max.    :800.0   Max.    :7000
##                (Other) :107616
##
##   MajFuncCd      MajFuncDesc
##   Min.   :1000   Contingencies           : 59
##   1st Qu.:1000   Enterprise and Community Services : 7114
##   Median :2000   Facilities Acquisition and Construction: 4108
##   Mean   :1879   Instruction              :64751
##   3rd Qu.:2000   Other Uses               : 9175
##   Max.   :7000   Support Services         :88204
##                Unappropriated Ending Fund Balance : 141
##
##   FundDesc
##   General Fund           :94238
##   Special Revenue Funds :62561
##   Capital Projects Funds: 5804
##   Trust and Agency Funds: 4326
##   Internal Service Funds: 2941
##   Debt Service Funds    : 2804
##   (Other)               : 878
```

##		FuncDesc	Amount
##	Operation and Maintenance of Plant Services:	6905	Min. : -1146278
##	Primary (K-3)	: 6087	1st Qu.: 13235
##	High School Programs	: 6027	Median : 80166
##	Fiscal Services	: 5787	Mean : 639628
##	Technology Services	: 5769	3rd Qu.: 335661
##	High School Extra-curricular	: 5584	Max. : 490931880
##	(Other)	: 137393	
##	CntyNm	DistNm	InstTypCd
##	LANE : 15083	Tigard-Tualatin SD 23J : 1527	D:160115
##	CLACKAMAS : 11928	Eugene SD 4J : 1442	E: 13437
##	DOUGLAS : 11388	Forest Grove SD 15 : 1348	
##	MARION : 11160	Oregon City SD 62 : 1304	
##	MULTNOMAH : 9613	Greater Albany Public SD 8J: 1291	
##	WASHINGTON: 9438	Canby SD 86 : 1290	
##	(Other) : 104942	(Other) : 165350	
##	MajFuncTot	FundTot	last.column YearBeginning
##	Min. : -1146278	Min. : -2710	2000 : 11307
##	1st Qu.: 479035	1st Qu.: 1640256	2002 : 11085
##	Median : 1945519	Median : 5458304	2001 : 11056
##	Mean : 7688189	Mean : 18237559	2003 : 10870
##	3rd Qu.: 6716538	3rd Qu.: 17222734	2008 : 10809
##	Max. : 501057554	Max. : 836236630	2009 : 10809
##			(Other):107616

Test data read

```
library(openxlsx)

# New combined files
Tests15 <- read.xlsx("https://www.oregon.gov/ode/educator-resources/assessment/TestResults2015/pagr_sch")
Tests16 <- read.xlsx("https://www.oregon.gov/ode/educator-resources/assessment/TestResults2016/pagr_sch")

#Older files by topic can't be opened by xlsx so saving in gdocs and reading via csv. These were downl

## Math

Math14 <- read.csv("https://docs.google.com/spreadsheets/d/1mKkhwPV0_J4p8RCBuKiJauYz8Kx7xdBx4Yq9xqlVjss")
Math13 <- read.csv("https://docs.google.com/spreadsheets/d/107Lp_UBqcTn0bun01lIPhq0sB0rpfSryHdW1HYY6qm4")
Math12 <- read.csv("https://docs.google.com/spreadsheets/d/1imChJVXmq4iVeaeB2S8qCeM01GxVeg0hwW6v4RBswTI")
Math11 <- read.csv("https://docs.google.com/spreadsheets/d/12Tqn4RORNI2w3KoiqnVpq_Trd3Zm1MM51I5YXDZFvfk")
Math10 <- read.csv("https://docs.google.com/spreadsheets/d/1CXKQ_yzcvQfEcS9C3iBD3Hsvj4ZqJ6ISuFwgoghzEFI")

## Reading

Read14 <- read.csv("https://docs.google.com/spreadsheets/d/1yJrAFMCcrqB8C_hLRDr6pN1ZWU4KUPON1CMc3h3yeAM")
Read13 <- read.csv("https://docs.google.com/spreadsheets/d/1MBhoFCZg2nAV7cSQnK0QX4s8yF80eda-ceaqWpyA3DA")
```

```

Read12 <- read.csv("https://docs.google.com/spreadsheets/d/1msHh_WXdRAKTPeUP60gvK9AzWlbSx507pMBntq83dSA/
Read11 <- read.csv("https://docs.google.com/spreadsheets/d/10e_P_Pxi4eIWtEWZZNfftzGNCdqNSvckMSfMaxYDZA4/
Read10 <- read.csv("https://docs.google.com/spreadsheets/d/1DScEAY9FPLRv7QoQrIhjNYQdF6LY078ZvVUQmnB2jWA/

## Science

Sci14 <- read.csv("https://docs.google.com/spreadsheets/d/1AhXN382Jn0rDv3MMp6bBI640VpZTpfluuI-gm-xep3M/
Sci13 <- read.csv("https://docs.google.com/spreadsheets/d/1JeEBL4yMxqKbnTh43mi-L5HEyaXB096iuzw9UNUi0dE/
Sci12 <- read.csv("https://docs.google.com/spreadsheets/d/1tBnFq7P9r65zGP9AFevVBExUCrGJWh9FystJryk83TI/
Sci11 <- read.csv("https://docs.google.com/spreadsheets/d/1hAJjcuFxBbLyWZ_b5Xp-ciZcQT1muYTf180SYUFHmVc/
Sci10 <- read.csv("https://docs.google.com/spreadsheets/d/1HZJxmJ-n0dEdkNL1Nox8lhUEkWdBigoycdB4Gh-mAlg/

## Writting

Write14 <- read.csv("https://docs.google.com/spreadsheets/d/1rXrvkCAAFr08_N-6YznQwuId0NTM0lo90rI5wX18jJ
Write13 <- read.csv("https://docs.google.com/spreadsheets/d/1EXWdmHLyXVjenck1AiXxxDRpqFEJEMuwt_XBLzTGoZ
Write12 <- read.csv("https://docs.google.com/spreadsheets/d/1F4DNMNuAcV4U80NIJcLXzNYvZII8n2VdhnyId8WLP

#only 4-7
Write11 <- read.csv("https://docs.google.com/spreadsheets/d/1wuENaBv747xUCj5NGT9CtIM79QqMHzzK3NAWyqWmiE

#only 4-7
Write10 <- read.csv("https://docs.google.com/spreadsheets/d/167c1jshh1156x-vJUE7L-R0EJTstuIegssfMwKwUEX

```