

CO SCHOOL DISTRICT DATA FY 2012-2018

5/2/2019

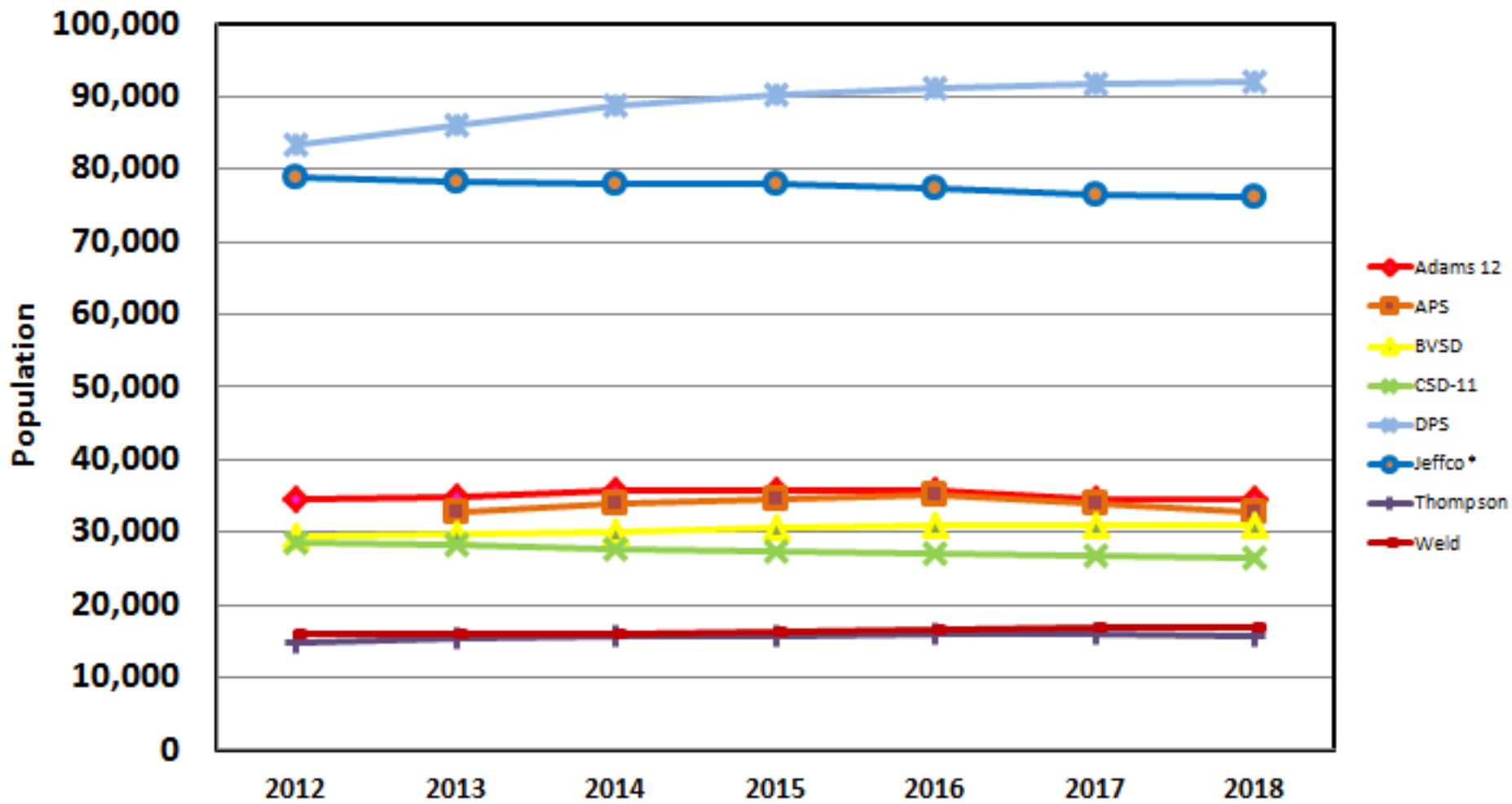
HAL CORIN



JEFFCO PUBLIC SCHOOLS

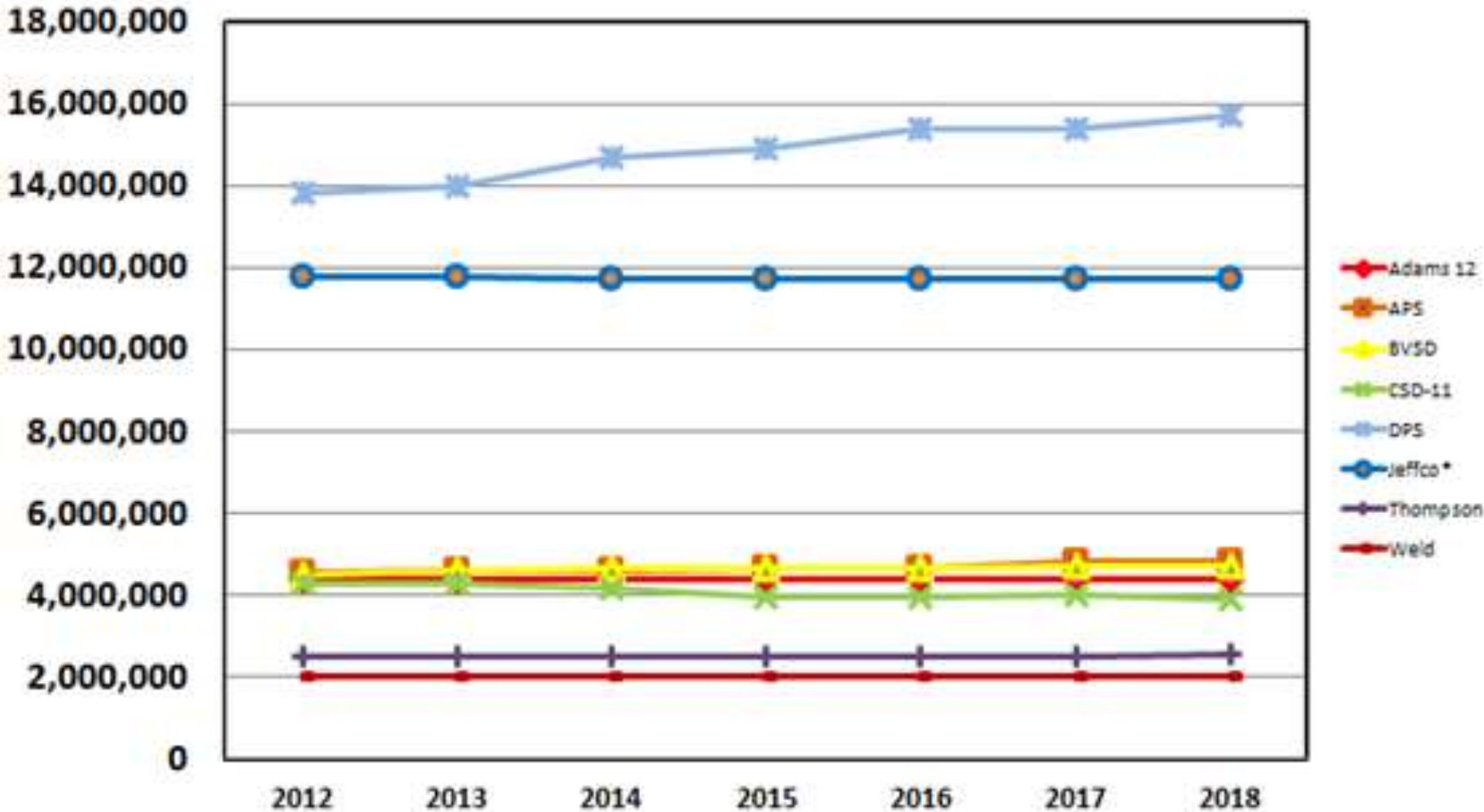


Student Population





Square Footage





EUI

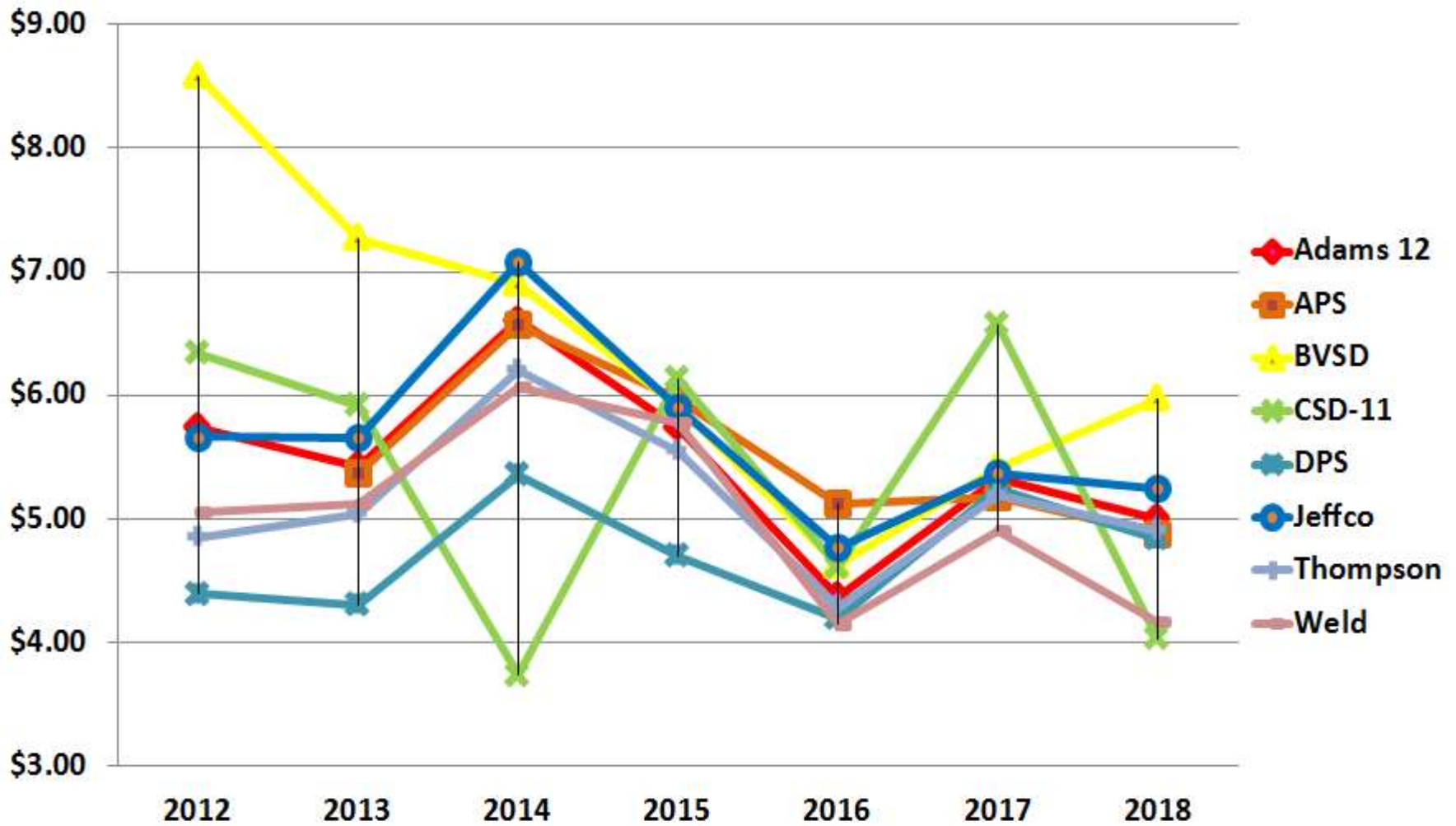
EUI (kBtu/SF) of CO School Districts

Fiscal Yr	Adams 12	APS	BVSD	CSD-11	DPS	Jeffco	Thompson	Weld
2018	74.0	65.5	60.6	80.3	62.6	56.5	72.7	67.9
2017	66.9	64.5	61.5	62.3	61.3	57.1	67.4	60.2
2016	66.7	67.3	65.9	70.2	67.2	60.0	72.5	66.3
2015	65.5	72.5	68.0	72.4	75.0	62.2	73.7	67.0
2014	69.2	75.3	73.9	76.1	74.5	64.9	79.8	75.5
2013	67.8	75.2	66.6	73.6	88.5	63.6	81.5	76.4
2012	63.2		65.6	69.3	85.2	60.7	75.9	68.5
2011			71.6	70.9	86.5	71.5	81.8	72.1
2010			78.2	73.9	92.2	76.7	86.9	84.3

- **Flaws in EUI – Each District is different, “Utilization”**
- **What is EUI good for?**
- **All Districts have improved by ~10+ (DPS almost 30!)**



Annual Cost/DTh





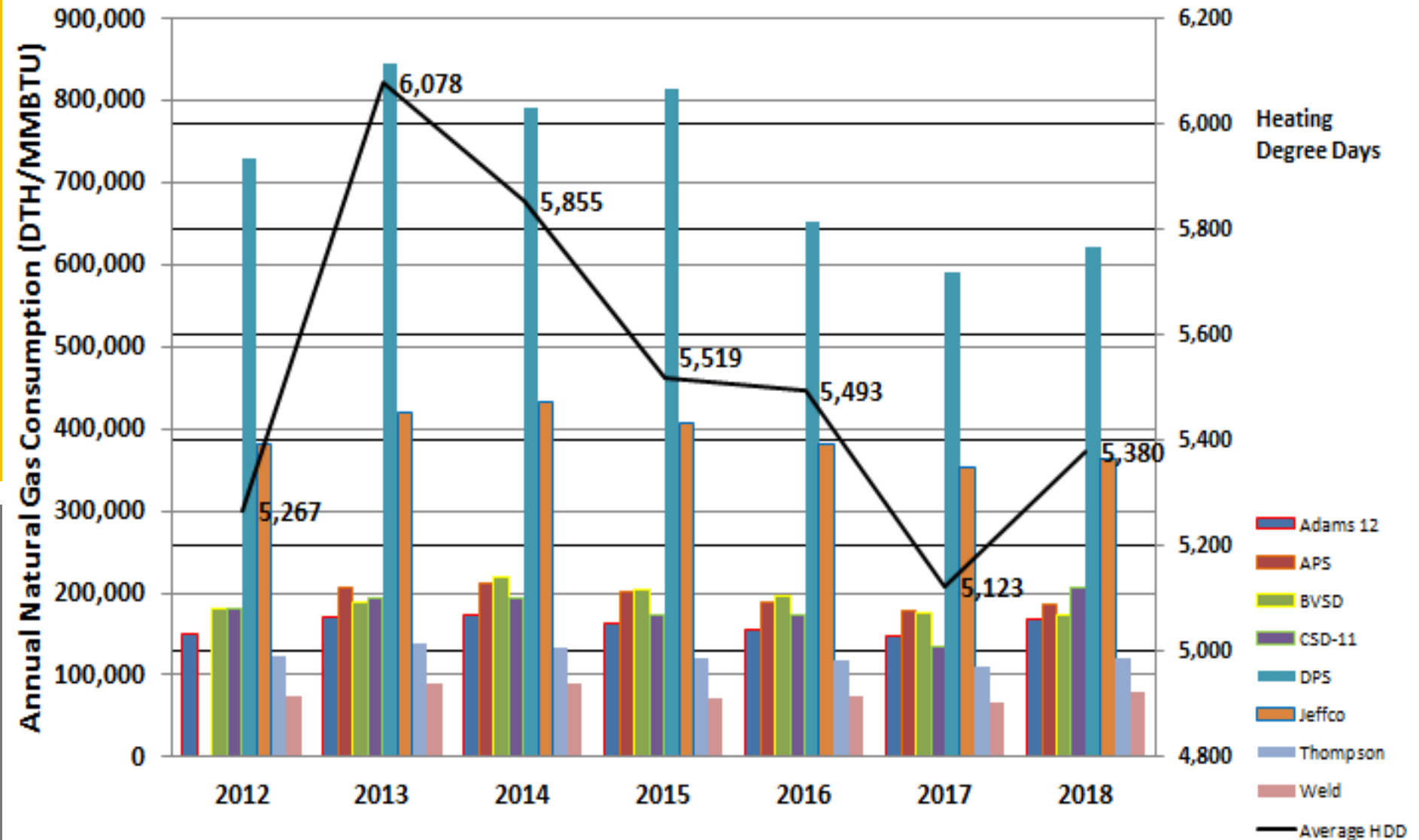
ELECTRICITY

Total kWh of CO School Districts

School Yr	Adams 12	APS	BVSD	CSD-11	DPS	Jeffco	Thompson	Weld
2012	37,118,781	40,979,385	35,695,066	33,024,825	135,189,755	97,714,896	19,428,313	18,701,057
2013	36,701,463	41,446,337	35,148,432	31,966,895	133,699,663	95,930,615	19,520,832	18,594,759
2014	38,120,383	41,247,473	36,405,348	30,966,390	93,637,375	96,685,713	19,756,604	18,102,476
2015	36,630,617	40,315,983	32,958,408	32,943,128	99,344,347	94,320,105	18,849,443	18,324,544
2016	39,818,724	39,183,793	33,176,273	31,642,386	111,152,014	94,975,805	18,773,512	17,228,232
2017	42,959,912	38,772,127	33,399,703	30,845,633	109,091,017	92,709,381	18,833,932	15,982,548
2018	48,929,310	38,929,859	34,995,414	30,771,838	109,641,556	89,488,177	19,227,315	16,524,690

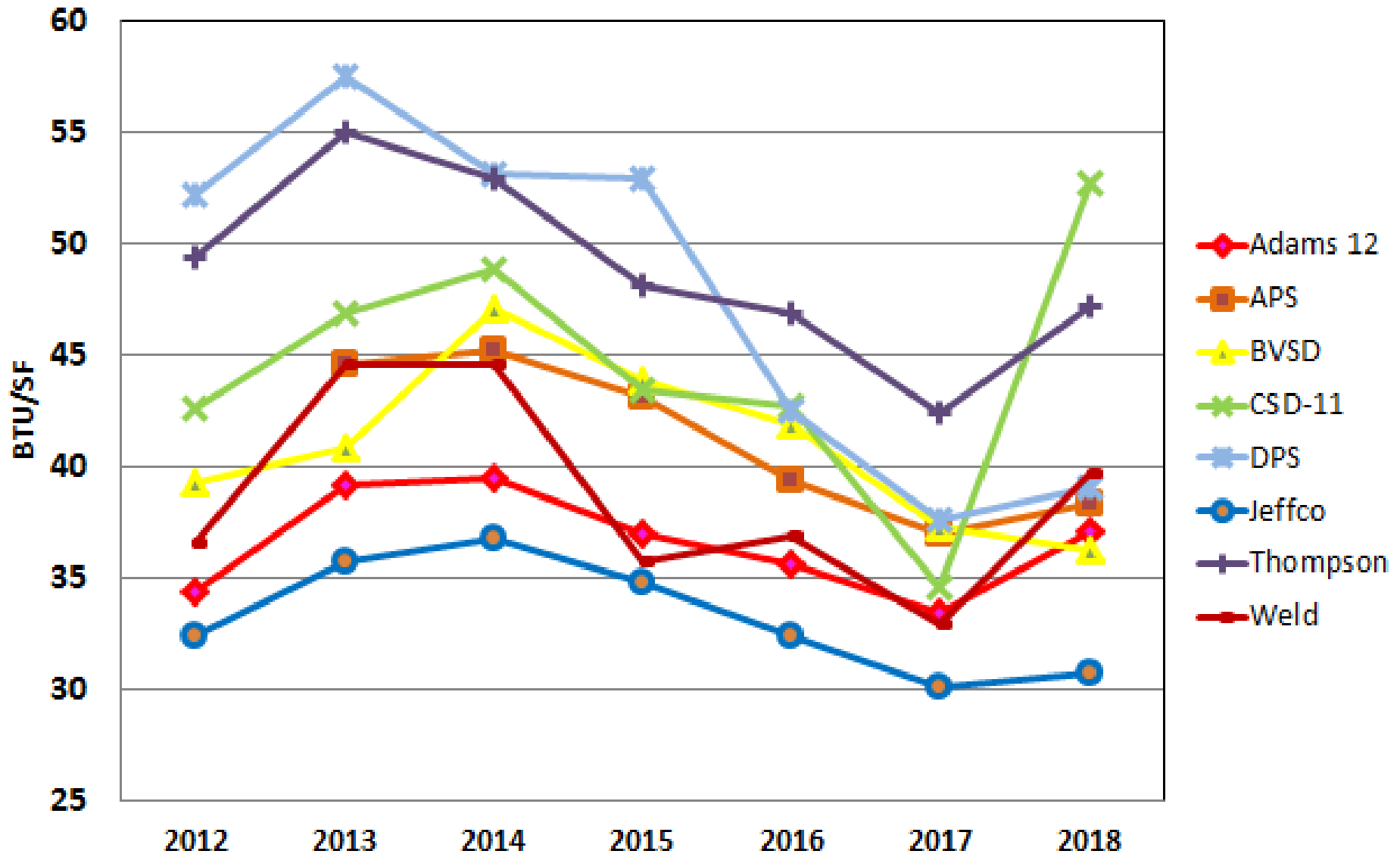
- **DPS 2013-14**
- **BVSD & Thompson 2014-15**
- **Weld 2016-17**
- **Adams 12 2017-18**
- **LED Retrofits**
- **Bond projects?**

Annual DTh and Averaged HDD



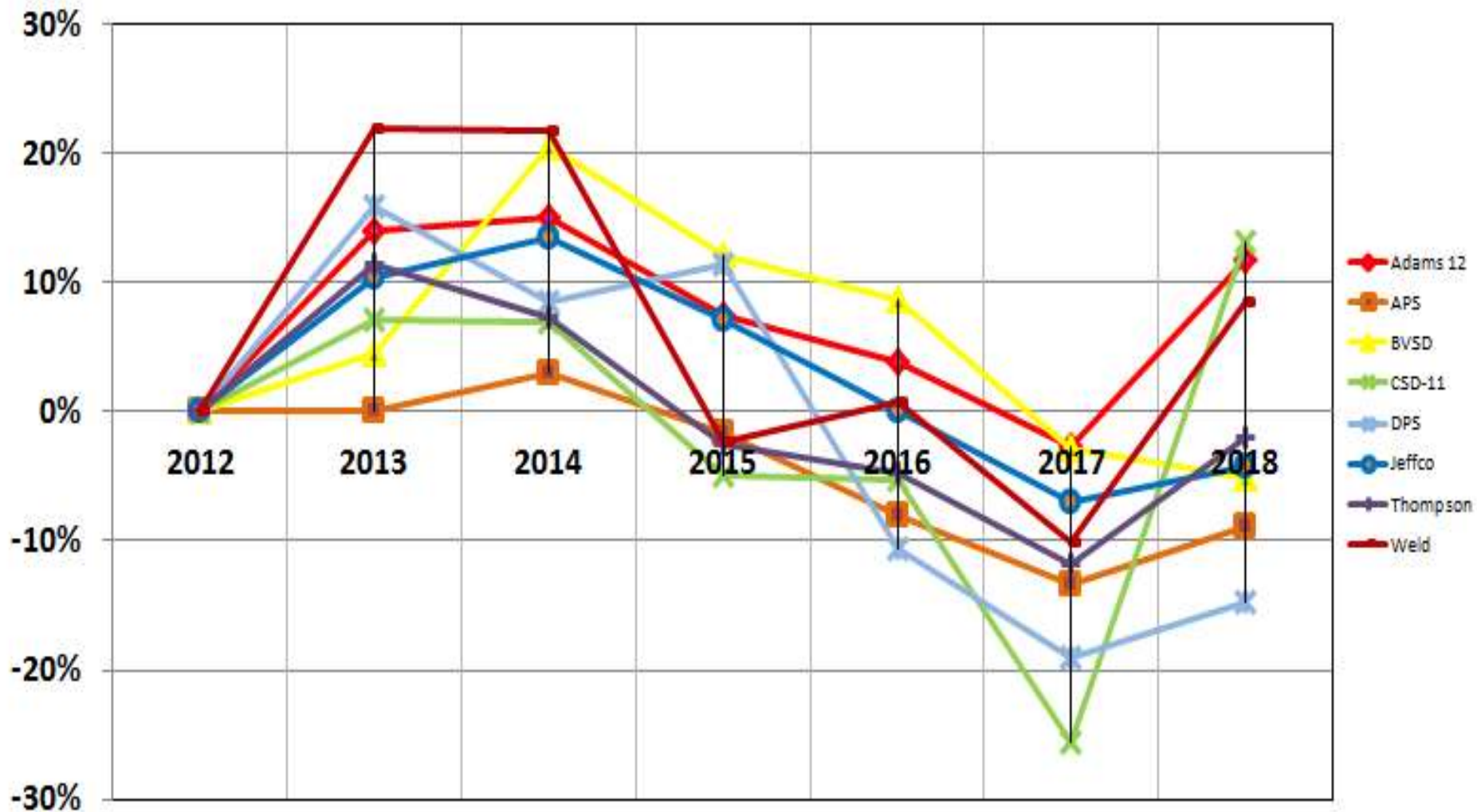


Heating BTU/SF

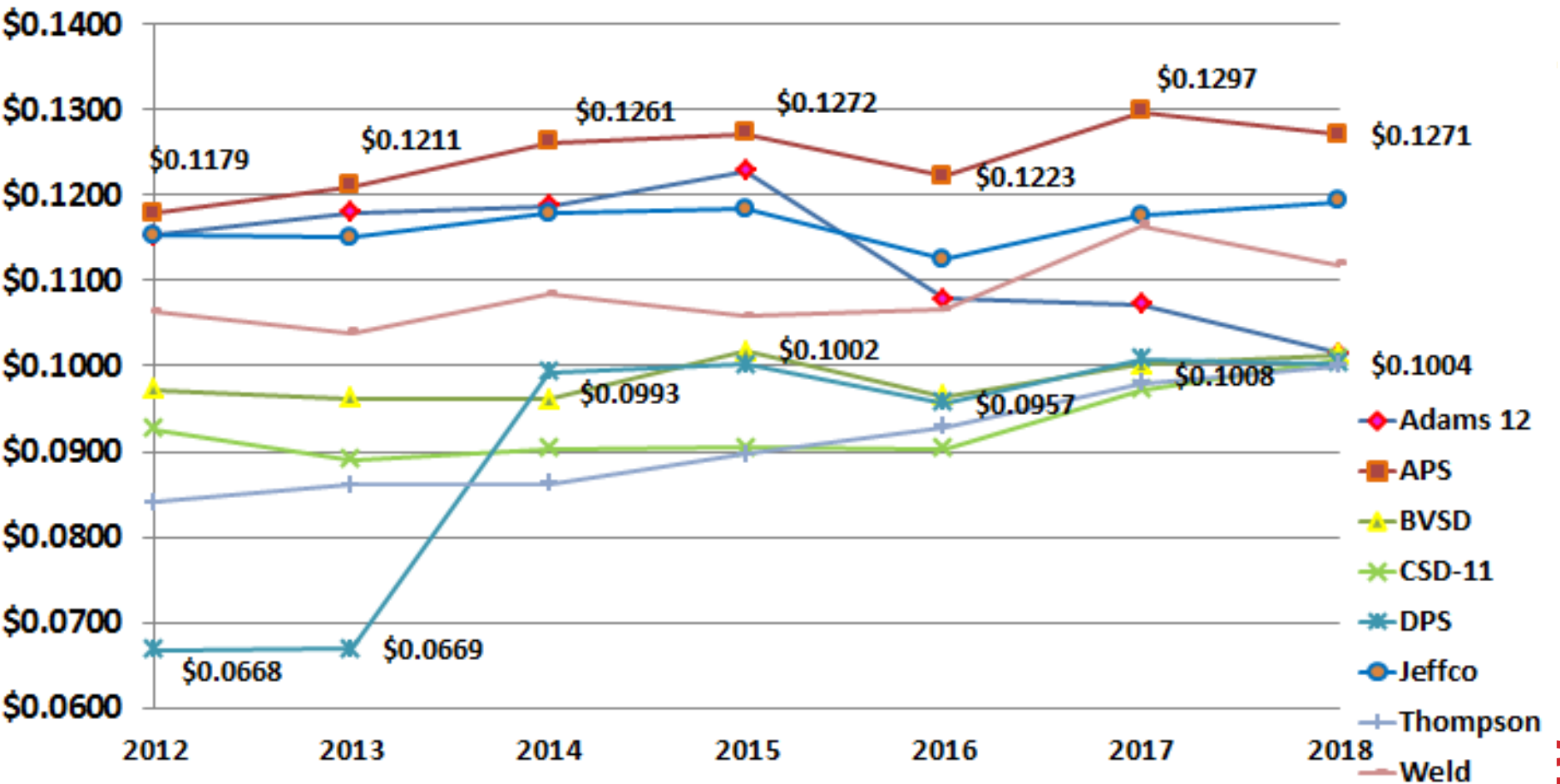




% Change in kWh from 2012 Baseline



Blended Rate (\$/kWh)





COST KPIS

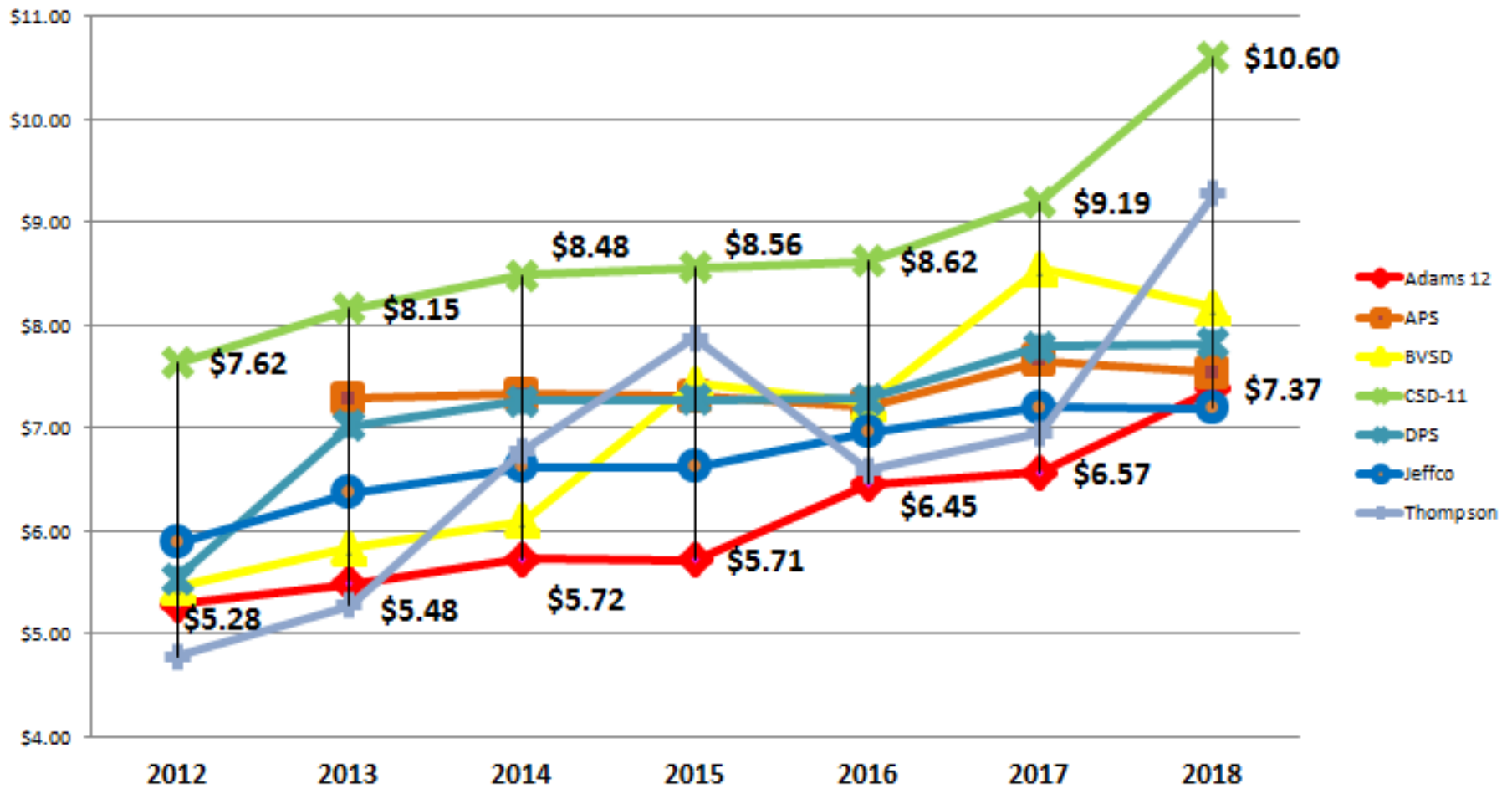
Total Utility Cost/SF CO School Districts

	Adams 12	APS	BVSD	CSD-11	DPS	Jeffco	Thompson	Weld
2012	\$ 1.51	\$ 1.73	\$ 1.33	\$ 1.18	\$ 1.16	\$ 1.43	\$ 1.19	\$ 1.46
2013	\$ 1.53	\$ 1.73	\$ 1.23	\$ 1.11	\$ 1.13	\$ 1.40	\$ 1.22	\$ 1.37
2014	\$ 1.46	\$ 1.82	\$ 1.26	\$ 1.10	\$ 1.06	\$ 1.42	\$ 1.17	\$ 1.40
2015	\$ 1.51	\$ 1.75	\$ 1.22		\$ 1.10	\$ 1.39	\$ 1.17	\$ 1.42
2016	\$ 1.56	\$ 1.69	\$ 1.22	\$ 1.14	\$ 1.13	\$ 1.37	\$ 1.25	\$ 1.42
2017	\$ 1.60	\$ 1.63	\$ 1.21	\$ 1.23	\$ 1.12	\$ 1.32	\$ 1.24	\$ 1.43
2018	\$ 1.67	\$ 1.70	\$ 1.30	\$ 1.38	\$ 1.10	\$ 1.36	\$ 1.20	\$ 1.48

Total Utility Cost/Student CO School Districts

	Adams 12	APS	BVSD	CSD-11	DPS	Jeffco	Thompson	Weld
2012	\$ 192.26		\$ 203.86	\$ 175.45	\$ 193.39	\$ 212.70	\$ 199.69	\$ 183.35
2013	\$ 191.29	\$ 242.34	\$ 191.29	\$ 167.62	\$ 183.92	\$ 210.07	\$ 197.76	\$ 171.60
2014	\$ 178.51	\$ 247.12	\$ 194.96	\$ 166.11	\$ 174.79	\$ 213.88	\$ 187.58	\$ 175.45
2015	\$ 185.88	\$ 236.59	\$ 186.20		\$ 181.60	\$ 208.32	\$ 188.35	\$ 175.37
2016	\$ 192.25	\$ 224.96	\$ 184.40	\$ 167.58	\$ 190.93	\$ 206.79	\$ 195.38	\$ 171.30
2017	\$ 203.57	\$ 230.29	\$ 185.20	\$ 185.17	\$ 188.21	\$ 202.72	\$ 193.88	\$ 169.79
2018	\$ 212.39	\$ 249.29	\$ 199.53	\$ 202.44	\$ 187.59	\$ 209.56	\$ 197.14	\$ 174.81

Total Water Cost/kGal

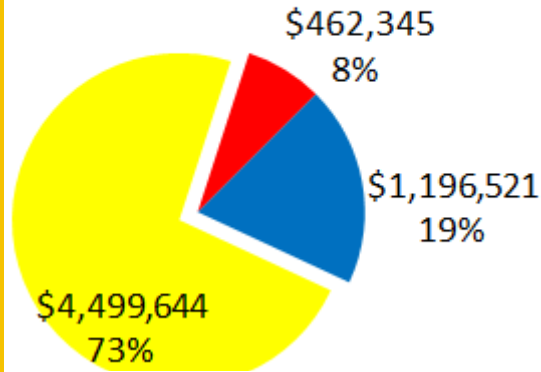




JEFFCO PUBLIC SCHOOLS

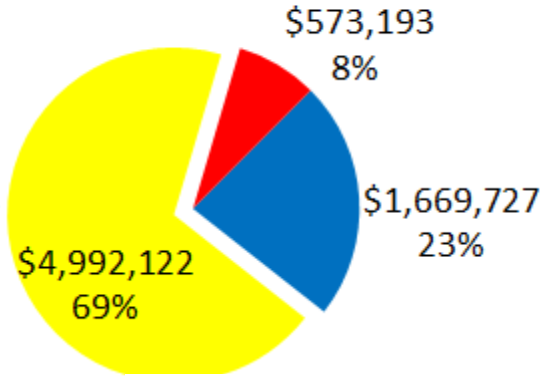
Adams 12

Average Costs FY12-18



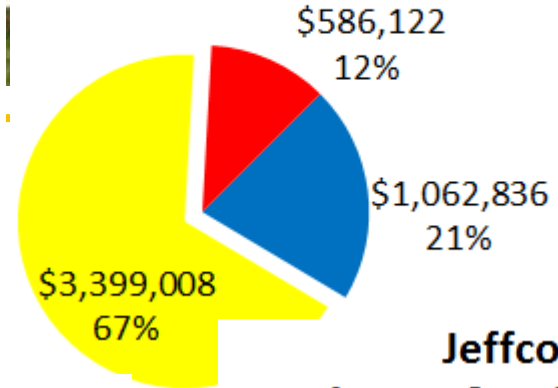
APS

Average Costs FY12-18



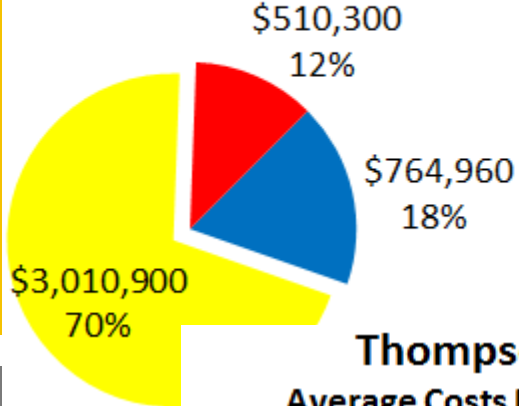
BVSD

Average Costs FY12-18



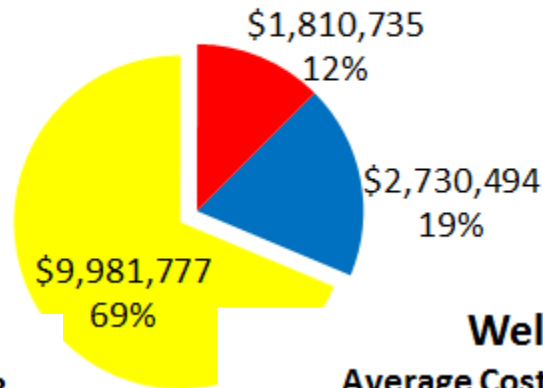
CSD-11

Average Costs FY12-18



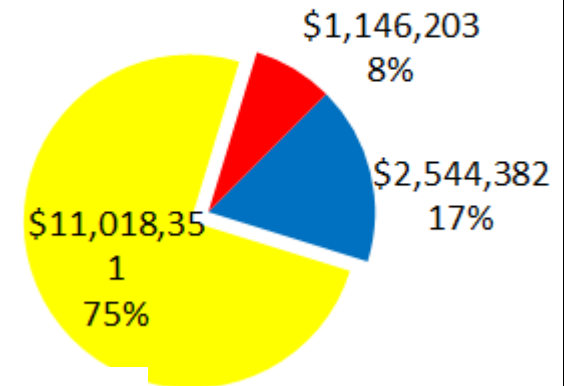
DPS

Average Costs FY12-18



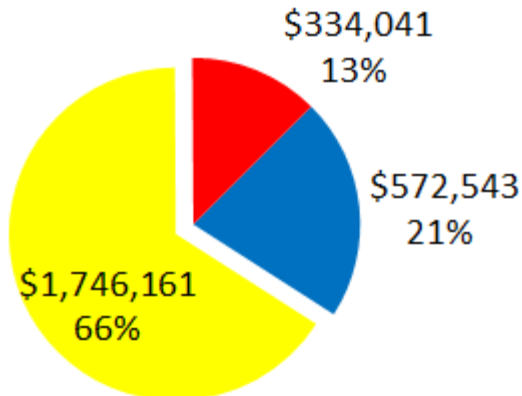
Jeffco

Average Costs FY12-18



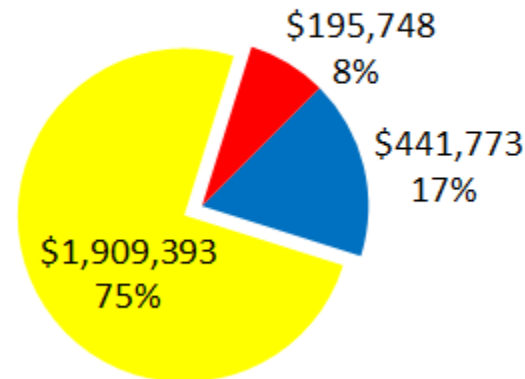
Thompson

Average Costs FY12-18



Weld

Average Costs FY12-18



- Water
- Electricity
- Natural Gas



JEFFCO PUBLIC SCHOOLS



DISCUSSION