

Documentation to assist with Value toward YCC Cost Sharing on Connectivity / Classroom Rentals
High Schools working with the YCC Grant

Sources used for Documentation: based only on 17 school days per month (177 instructional days per year)
Connectivity for Technology http://energyusecalculator.com/calculate_electrical_usage.htm

Internet usage per month based on average per school district per student

Facility Usage/Hourly-Daily Rate Schedules (Based on average of 4 School Districts)

Career Counselor Salaries based on average salaries full time positions | \$25,000.00/actual salary (.43 for office use)

Desktop Computers:

Based on 20 computers: use per hour \$0.20 based on 17 days per month \$3.40

Based on 25 computers: use per hour \$0.25 based on 17 days per month \$4.25

LCD/LED Display: 20 monitors use per hour \$0.06 based on 17 days per month \$1.02
50 monitors use per hour \$0.15 based on 17 days per month \$2.55

Rate = number of students x \$0.29

No. of Students	Desktop Computers & Monitor
15	\$4.35
20	\$5.80
25	\$7.25
30	\$8.70
35	\$10.15
40	\$11.60
45	\$13.05
50	\$14.50
55	\$15.95
60	\$17.40
65	\$18.85
70	\$20.30
75	\$21.75
80	\$23.20

Internet Usage per Month (17 Days):

Rate = \$0.15 per student per day per hour

Internet Usage per day	Internet usage per month (17 days)	NO. of Students
\$2.25	\$38.25	15
\$3.00	\$51.00	20
\$3.75	\$63.75	25
\$4.50	\$76.50	30
\$5.25	\$89.25	35
\$6.00	\$102.00	40

Wi-Fi router: based on 2 routers sharing labs/classrooms/office

- 1 unit \$0.58
- 2 units \$1.16
- 3 units \$1.74
- 4 units \$2.32
- 5 units \$2.90
- 6 units \$3.48

No. of Classrooms	WiFi/Internet Connection
1	\$0.58
2	\$1.16
3	\$1.74
4	\$2.32
5	\$2.90

Laptop, Notebook, or Netbook:

20	use per hour	\$0.12	17 days per month	\$2.04
25		\$0.15		\$2.55

Rate = number of students x \$0.102

No. of Students	Laptop, Notebook, or Netbooks
15	\$1.53
20	\$2.04
25	\$2.55
30	\$3.06
35	\$3.57
40	\$4.08
45	\$4.59
50	\$5.10
55	\$5.61
60	\$6.12
65	\$6.63
70	\$7.14
75	\$7.65

Classroom rentals based on average facility usage forms: (average of 4 High Schools)

Rate = number of classrooms x \$4.37 per hour per day (17 days for one hour each day)

No. of Classrooms	Classroom Rentals Average
1	\$74.29
2	\$148.58
3	\$222.87
4	\$297.16
5	\$371.45
6	\$445.74
7	\$520.03
8	\$594.32
9	\$668.61
10	\$742.90

YCC Office | Career Counselor x .43:

Rate is based on the number of classrooms used x .43 (time expected to be used on average per career counselor per YCC High School per day). The number of classrooms used is in correlation to the number of students in the YCC Grant per high school.

No. of Classrooms	Classroom Rentals Average	YCC Office Career Counseor x .43	Average cost per day for classroom rental \$26.19 (6 Hours)	Average cost per day per hour for classroom \$4.37 (\$26.19 / 6 hours)	Career Counselor based on classroom rental x .43 .43 is based on \$25,000 divided by the average salary of a full time career counselors per district
1	\$74.29	\$31.94			
2	\$148.58	\$63.89			
3	\$222.87	\$95.83			
4	\$297.16	\$127.78			
5	\$371.45	\$159.72			
6	\$445.74	\$191.67			
7	\$520.03	\$223.61			
8	\$594.32	\$255.56			
9	\$668.61	\$287.50			
10	\$742.90	\$319.45			

No. of Classrooms	No. of Students
1	15
1	20
1	25
1	30
2	35
2	40
2	45
2	50
2	55
2	60
3	65
3	70
3	75
3	80
3	85
3	90
4	95
4	100
4	105
4	110
5	115
5	120
5	125
5	130
6	135
6	140
6	145
6	150
7	155
7	160
7	165
7	170
8	175

Estimated Cost per Month based (17 days per month)										
No. of Students	Desktop Computers & Monitor	Laptop, Notebook, or Netbooks	Internet usage per month (17 days)	WiFi/Internet Connection	YCC Office x .43 rental	Rental Appraisal (17 days)	Total	No. of Classrooms	No. of Students	
5	\$1.45	\$0.51	\$12.75	0.58	\$31.94	\$74.29	\$121.52	1	5	
10	\$2.90	\$1.02	\$25.50	0.58	\$31.94	\$74.29	\$136.23	1	10	
15	\$4.35	\$1.53	\$38.25	\$0.58	\$31.94	\$148.58	\$225.23	1	15	
20	\$5.80	\$2.04	\$51.00	\$0.58	\$31.94	\$148.58	\$239.94	1	20	
25	\$7.25	\$2.55	\$63.75	\$0.58	\$31.94	\$148.58	\$254.65	1	25	
30	\$8.70	\$3.06	\$76.50	\$0.58	\$31.94	\$148.58	\$269.36	1	30	
35	\$10.15	\$3.57	\$89.25	\$1.16	\$63.89	\$148.58	\$316.60	2	35	
40	\$11.60	\$4.08	\$102.00	\$1.16	\$63.89	\$148.58	\$331.31	2	40	
45	\$13.05	\$4.59	\$114.75	\$1.16	\$63.89	\$222.87	\$420.31	2	45	
50	\$14.50	\$5.10	\$127.50	\$1.16	\$63.89	\$222.87	\$435.02	2	50	
55	\$15.95	\$5.61	\$140.25	\$1.16	\$63.89	\$222.87	\$449.73	2	55	
60	\$17.40	\$6.12	\$153.00	\$1.16	\$63.89	\$222.87	\$464.44	2	60	
65	\$18.85	\$6.63	\$165.75	\$1.74	\$95.83	\$222.87	\$511.67	3	65	
70	\$20.30	\$7.14	\$178.50	\$1.74	\$95.83	\$297.16	\$600.67	3	70	
75	\$21.75	\$7.65	\$191.25	\$1.74	\$95.83	\$297.16	\$615.38	3	75	
80	\$23.20	\$8.16	\$204.00	\$1.74	\$95.83	\$297.16	\$630.09	3	80	
85	\$24.65	\$8.67	\$216.75	\$1.74	\$95.83	\$297.16	\$644.80	3	85	
90	\$26.10	\$9.18	\$229.50	\$1.74	\$95.83	\$371.45	\$733.80	3	90	
95	\$27.55	\$9.69	\$242.25	\$2.32	\$127.78	\$371.45	\$781.04	4	95	
100	\$29.00	\$10.20	\$255.00	\$2.32	\$127.78	\$371.45	\$795.75	4	100	
105	\$30.45	\$10.71	\$267.75	\$2.32	\$127.78	\$371.45	\$810.46	4	105	
110	\$31.90	\$11.22	\$280.50	\$2.32	\$127.78	\$371.45	\$825.17	4	110	
115	\$33.35	\$11.73	\$293.25	\$2.90	\$159.72	\$445.74	\$946.69	5	115	
120	\$34.80	\$12.24	\$306.00	\$2.90	\$159.72	\$445.74	\$961.40	5	120	
125	\$36.25	\$12.75	\$318.75	\$2.90	\$159.72	\$445.74	\$976.11	5	125	
130	\$37.70	\$13.26	\$331.50	\$2.90	\$159.72	\$445.74	\$990.82	5	130	
135	\$39.15	\$13.77	\$344.25	\$3.48	\$191.67	\$520.03	\$1,112.35	6	135	
140	\$40.60	\$14.28	\$357.00	\$3.48	\$191.67	\$520.03	\$1,127.06	6	140	
145	\$42.05	\$14.79	\$369.75	\$3.48	\$191.67	\$520.03	\$1,141.77	6	145	
150	\$43.50	\$15.30	\$382.50	\$3.48	\$191.67	\$520.03	\$1,156.48	6	150	
155	\$44.95	\$15.81	\$395.25	\$4.06	\$223.61	\$594.32	\$1,278.00	7	155	
160	\$46.40	\$16.32	\$408.00	\$4.06	\$223.61	\$594.32	\$1,292.71	7	160	
165	\$47.85	\$16.83	\$420.75	\$4.06	\$223.61	\$594.32	\$1,307.42	7	165	
170	\$49.30	\$17.34	\$433.50	\$4.06	\$223.61	\$594.32	\$1,322.13	7	170	
175	\$50.75	\$17.85	\$446.25	\$4.64	\$255.56	\$668.61	\$1,443.66	8	175	
180	\$52.20	\$18.36	\$459.00	\$4.64	\$255.56	\$668.61	\$1,458.37	8	180	
185	\$53.65	\$18.87	\$471.75	\$4.64	\$255.56	\$668.61	\$1,473.08	8	185	
190	\$55.10	\$19.38	\$484.50	\$4.64	\$255.56	\$668.61	\$1,487.79	8	190	
195	\$56.55	\$19.89	\$497.25	\$5.22	\$287.50	\$742.90	\$1,609.31	9	195	
200	\$58.00	\$20.40	\$510.00	\$5.22	\$287.50	\$742.90	\$1,624.02	9	200	
205	\$59.45	\$20.91	\$522.75	\$5.22	\$287.50	\$742.90	\$1,638.73	9	205	
210	\$60.90	\$21.42	\$535.50	\$5.22	\$287.50	\$742.90	\$1,653.44	9	210	
215	\$62.35	\$21.93	\$548.25	\$5.80	\$319.45	\$817.19	\$1,774.97	10	215	
220	\$63.80	\$22.44	\$561.00	\$5.80	\$319.45	\$817.19	\$1,789.68	10	220	
225	\$65.25	\$22.95	\$573.75	\$5.80	\$319.45	\$817.19	\$1,804.39	10	225	
230	\$66.70	\$23.46	\$586.50	\$5.80	\$319.45	\$817.19	\$1,819.10	10	230	
235	\$68.15	\$23.97	\$599.25	\$6.38	\$351.39	\$891.48	\$1,940.62	11	235	

Estimated Cost per Month based on 1 hour per Day (17 days per month)

No. of Classrooms	WiFi/Internet Connection
1	\$0.58
2	\$1.16
3	\$1.74
4	\$2.32
5	\$2.90
6	\$3.48
7	\$4.06
8	\$4.64
9	\$5.22
10	\$5.80

Price of Internet	Internet Usage per day	Internet usage per month (17 days)	No. of Students
Average price / mo	\$1,500.00	\$2.25	15
price per day	\$75.00	\$3.00	20
price per hour	\$12.50	\$3.75	25
price per student	\$0.15	\$4.50	30
		\$5.25	35
		\$6.00	40
		\$6.75	45
		\$7.50	50
		\$8.25	55
		\$9.00	60
		\$9.75	65
		\$10.50	70
		\$11.25	75
		\$12.00	80

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