

EXHIBIT A

IX.C.1.b – TCI Summary of Results
The Technology Condition Index (TCI) School Year 2018-2019 Narrative Report
 November 20, 2019

In comparing the school district hardware inventory's data between SY 2017-2018 and 2018-2019, the Technology Services team observed the following key results:

- Overall, the TCI district inventory has increased from 4.68 to 4.77, an increase of 1.92 percentage from the 2017-18 inventory.
- Classroom computer TCI had an increase in average from 4.66 to 4.77. It increased 2.36 percentage since last school year, 2017-18.
- 2018-19 is the first year that the Wireless TCI has been calculated and included as part of the overall TCI. The Wireless TCI is weighted to be 10% of the TCI 2018-19 District Average.
- Teacher proficiency increased from an average of 4.68 to 4.69.

The following tables show the comparison of the SY 2017-18 and SY 2018-19 TCI detail information.

TCI 2017-18 District Avg	TCI 2018-19 District Avg	% Change from SY 2017-18
4.68	4.77	1.92

Classroom TCI 2017-18	Classroom TCI 2018-19	% Change from SY 2017-18
4.66	4.77	2.36%

Proficiency TCI SY 2017-18	Proficiency TCI SY2018-19	% Change from SY 2017-18
4.68	4.69	0.21%

Wireless TCI SY 2017-18	Wireless TCI SY2018-19	% Change from SY 2017-18
Not Calculated	5.00	Not Calculated %

Students Computer	Total Units SY 2017-18	Total Units SY 2018-19	N. Change From SY 2017-18	% Change from SY 2017-18
Desktop	9,561	9,543	-18	-0.19%
Laptop	18,844	20,546	1,702	9.03%
Tablet	1,496	6,210	4,714	315.11%
Total	29,901	36,299	6,398	21.40%

Computer Counts of each school level:

School Level	SY 2017-18	SY 2018-19	N. Change From SY 2017-18	% Change from SY 2017-18
Elementary Averages	10,623	14,772	4,149	39.06%
K-8 Averages	6,986	8,251	1,265	18.11%
K-12 Averages	85	135	50	58.82%
Middle Averages	3,946	4,688	742	18.80%
High School Averages	8,261	8,453	192	2.32%
Grand Total	29,901	36,299	6,398	21.40%

In the 2018-2019 school year, the Technology Services Department made a large purchased of 1,702 new laptops and 4,714 new Tablets for TUSD students in campuses across the district. The results of those purchases reveal an overall 21.4 percent increase in the District Inventory from the 2017-18 school year.

The purchase of new tablets was a 315.11% increase from SY 2017-18 inventory. The number of desktop computers decreased by -0.19 % due to retiring some outdated desktop computers.

Wi-Fi and Internet Utilization Scoring:

The 2018-19 Wi-Fi TCI score was created by comparing the average utilization as a percentage of capacity for each school on Exhibit 1 – Analysis of Internet Access against the table below. April 5, 2019 was the representative day selected for the 2018-19 School year (based on general assessment that the period of highest observed use is during AzMERIT testing).

Average Utilization Percent Capacity	Ranking
0.00% - 50.00%	5.00
50.01% - 60.00%	4.00
60.01% – 70.00%	3.00
70.01% - 80.00%	2.00
80.01% – 90.00%	1.00
90.01% - 100.00%	0.00

EXHIBIT 1

TUCSON UNIFIED

SCHOOL DISTRICT

TCI Wireless Report SY 2018-19

Date: April 05,2019

School Name	Average Utilization (percent of capacity)	Average Megabits per Second
Banks	0.25	2.52
Blenman	0.36	3.57
Bloom	0.58	5.78
Bonillas	0.59	5.94
Borman	0.47	4.74
Booth Fickett	2.32	23
Borton	0.57	5.7
Carrillo	0.61	6.13
Catalina	3.38	34
Cavett	0.54	5.39
Cholla	6.04	60
Collier	0.26	2.61
Cragin	0.36	3.63
Davidson	0.32	3.2
Davis	0.57	5.68
Dietz	0.9	9
Dodge	0.45	4.55
Doolen	1.83	18
Drachman	0.92	9
Dunham	0.37	3.67
Erickson	0.39	3.86
Ford	0.55	5.53
Fruchthendler	0.3	3.01
Gale	0.4	3.96
Gridley	1.85	18
Grijalva	0.77	7.67
Henry	0.33	3.29
Holladay	0.78	7.83
Hollinger	1.32	13
Howell	0.26	2.56
Hudlow	0.42	4.19
Hughes	0.34	3.44
Johnson	0.41	4.05
Kellond	0.82	8.17
Lawrence	0.69	6.9
Lineweaver	0.51	5.14
Lynn	0.73	7.31

Magee	0.92	9
Maldonado	0.45	4.5
Mansfeld	1.77	18
Manzo	0.63	6.26
Marshall	0.19	1.93
Maxwell	0.8	8.01
Meredith	0.82	8.21
McCorkle	1.91	19
Miles	0.62	6.25
Miller	0.59	5.86
MissionView	0.36	3.61
Myers	0.59	5.88
Naylor	0.84	8.37
Ochoa	0.26	2.61
Oyama	0.57	5.67
Palo Verde	2.45	25
Pistor	1.42	14
Project More	0.61	6.07
Pueblo	5.61	56
Pueblo Gardens	0.89	8.89
Rincon/University	5.92	59
Robins	0.99	10
Robison	0.38	3.83
Rose	0.95	9
Roskruge	1.91	19
Sabino	1.83	18
Safford	1.4	14
Sahuaro	3.86	39
Santa Rita	1.7	17
Secrist	0.68	6.83
Sewell	0.42	4.17
Soleng Tom	0.23	2.34
Steele	0.35	3.46
Tolson	0.47	4.74
Tucson	9.52	95
Tully	0.41	4.1
Utterback	1.61	16
Vail	1.83	18
Valencia	1.58	16
Van Buskirk	0.29	2.89
Vesey	0.56	5.6
Warren	0.74	7.38
Wheeler	0.55	5.52
White	1.22	12
Whitmore	0.37	3.66
Wright	0.52	5.22

Note: Rincon and University share a connection.