

Appendix C: YARTS Ridership Performance

Table C-1: 140 Route Average Daily Ridership by Run

Run	Start / End	Starting Time	Weekday			Weekend/Holiday		
			July	Sept	Jan	July	Sept	Jan
1S	Merced to Yosemite	5:00 AM	9.3	6.4	12.2			
2S	Merced to Yosemite	5:30 AM	17.0	9.7		12.9	9.3	
1XW/2W	Cathey's Vly-Valley	5:45 AM			6.6			9.5
7S	Midpines to Yosemite	5:54 AM	5.1	5.2	3.4			
2aS	Merced to Yosemite	6:00 AM	21.8	7.8		28.7	9.8	
3W	Merced to Yosemite	6:40 AM						15.3
3S	Merced to Yosemite	6:45 AM	21.8	15.9	17.0		21.4	
4S/4XW	Merced to Yosemite	8:45 AM	19.0	11.7	13.8	30.4	25.4	15.1
3aS	Mariposa to Yosemite	9:00 AM	12.5	7.2		20.8	9.2	
5S/5W	Merced to Yosemite	10:30 AM	25.0	16.4	13.8	23.6	22.4	
5 Extra	Merced to Yosemite Xt	10:30 AM			25.0			20.1
6W	Merced to Yosemite	5:25 PM			14.0			14.1
6S	Merced to Yosemite	5:45 PM	18.3	18.3		11.9	19.1	
8W	Yosemite to Merced	8:20 AM			18.5			16.6
8S	Yosemite to Merced	9:05 AM	19.5	20.6		16.9	19.4	
9W	Yosemite to Merced	2:20 PM			17.2			18.6
8aS	Yosemite to Merced	3:15 PM	29.7	22.1		25.6		
9S	Yosemite to Merced	3:40 PM	14.7	7.7	12.4	9.8	7.6	
10S/11W	Yosemite to Merced	4:15 PM	19.8	15.5	16.1	20.4	19.4	20.9
11S	Yosemite to Merced	4:35 PM	10.2	10.8		18.2	8.7	
9W/12W	Yosemite to Merced	5:05 PM			13.2			15.5
11aS	Yosemite to Merced	5:15 PM	12.1	8.9		19.6	11.1	
12	Yosemite to Merced	6:00 PM	22.0	14.0		29.8	20.4	
14	Yosemite to Merced	8:17 PM	11.0	4.1		13.6	7.8	

Table C-2: 120, 120/395, & 41 Route Average Daily Ridership by Run

Run	Start / End	Starting Time	Weekday		Weekend/Holiday	
			July	Sept	July	Sept
120 Route						
S1E	Tuolumne to Yosemite	6:40 AM	29.9		40.6	51.0
S2E	Tuolumne to Yosemite	7:40 AM	22.2	26.0	29.3	49.2
S3E	Tuolumne to Yosemite	8:40 AM	16.1		13.9	49.0
S1F	Yosemite to Tuolumne	4:00 PM	33.5		37.9	51.0
S2F	Yosemite to Tuolumne	4:30 PM	22.5	24.4	19.2	49.0
S3F	Yosemite to Tuolumne	5:35 PM	16.9		24.4	49.0
395 Route						
1M	Mammoth to Yosemite	6:45 AM	15.5	19.3	14.9	17.9
2M	Mammoth to Yosemite	8:00 AM	14.4		9.8	
1Y	Yosemite to Mammoth	4:05 PM	26.7	25.7	32.0	27.5
2Y	Yosemite to Mammoth	5:00 PM	11.8		9.6	
41 Route						
21	Yosemite to Fresno	11:15 AM	9.0	11.6	9.0	10.8
23	Yosemite to Fresno	4:06 PM	19.8	11.9	20.6	15.6
25	Yosemite to Fresno	5:46 PM	10.5	5.6	16.1	10.7
22	Fresno to Yosemite	5:37 AM	17.9	8.0	15.6	11.7
24	Fresno to Yosemite	7:50 AM	13.9	10.0	18.3	8.8
26	Fresno to Yosemite	11:15 AM	7.5	9.1	11.3	7.4

Table C-3: July 2019 Run Analysis -- 140 Route

Run	Start / End	Starting Time	Average Daily					Performance Analysis					
			Revenue Miles	Revenue Hours	Operating Cost (\$)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio
Weekdays													
1S	Merced to Yosemite	5:00 AM	87	2.50	\$383.75	9.3	\$47.83	\$335.92	0.11	3.7	\$41.18	\$36.05	12%
2S	Merced to Yosemite	5:30 AM	87	2.60	\$399.10	17.0	\$87.26	\$311.84	0.20	6.5	\$23.48	\$18.34	22%
2aS	Merced to Yosemite	6:00 AM	87	2.90	\$445.15	21.8	\$111.76	\$333.39	0.25	7.5	\$20.45	\$15.31	25%
3S	Merced to Yosemite	6:45 AM	87	2.90	\$445.15	21.8	\$111.76	\$333.39	0.25	7.5	\$20.45	\$15.31	25%
3aS	Merced to Yosemite	9:00 AM	87	2.90	\$445.15	12.5	\$63.93	\$381.22	0.14	4.3	\$35.74	\$30.61	14%
4S	Mariposa to Yosemite	8:45 AM	55	3.20	\$491.20	19.0	\$97.29	\$393.91	0.34	5.9	\$25.91	\$20.78	20%
5S	Merced to Yosemite	10:30 AM	87	3.00	\$460.50	25.0	\$128.56	\$331.94	0.29	8.3	\$18.39	\$13.25	28%
6S	Merced to Yosemite	5:45 PM	87	2.60	\$399.10	18.3	\$94.03	\$305.07	0.21	7.0	\$21.79	\$16.65	24%
7S	Midpines to Yosemite	5:54 AM	51	1.50	\$230.25	5.1	\$26.13	\$204.12	0.10	3.4	\$45.23	\$40.09	11%
8S	Yosemite to Merced	9:05 AM	87	3.00	\$460.50	19.5	\$99.86	\$360.64	0.22	6.5	\$23.67	\$18.54	22%
8aS	Yosemite to Merced	3:15 PM	87	2.50	\$383.75	29.7	\$152.59	\$231.16	0.34	11.9	\$12.91	\$7.78	40%
9S	Yosemite to Merced	3:40 PM	87	3.00	\$460.50	14.7	\$75.60	\$384.90	0.17	4.9	\$31.27	\$26.14	16%
10S	Yosemite to Merced	4:15 PM	87	3.00	\$460.50	19.8	\$101.73	\$358.77	0.23	6.6	\$23.24	\$18.10	22%
11S	Yosemite to Merced	4:35 PM	87	2.50	\$383.75	10.2	\$52.50	\$331.25	0.12	4.1	\$37.52	\$32.39	14%
11aS	Yosemite to Merced	5:15 PM	87	3.00	\$460.50	12.1	\$62.06	\$398.44	0.14	4.0	\$38.09	\$32.95	13%
12	Yosemite to Merced	6:00 PM	87	2.80	\$429.80	22.0	\$112.93	\$316.87	0.25	7.9	\$19.54	\$14.40	26%
14	Yosemite to Merced	8:17 PM	87	2.80	\$429.80	11.0	\$56.46	\$373.34	0.13	3.9	\$39.07	\$33.94	13%
Overall Route Performance			1,411	47	\$7,168.45	289	\$1,482.27	\$5,686.18	0.20	6.2	\$24.82	\$19.69	21%
Weekends/Holidays (2)													
2S	Merced to Yosemite	5:30 AM	87	2.60	\$399.10	12.9	\$66.16	\$332.94	0.15	5.0	\$30.96	\$25.83	17%
2aS	Merced to Yosemite	6:00 AM	87	2.90	\$445.15	17.4	\$89.54	\$355.61	0.20	6.0	\$25.52	\$20.39	20%
3S	Merced to Yosemite	6:45 AM	87	2.90	\$445.15	28.7	\$147.15	\$298.00	0.33	9.9	\$15.53	\$10.40	33%
3aS	Merced to Yosemite	9:00 AM	87	2.90	\$445.15	20.8	\$106.65	\$338.50	0.24	7.2	\$21.42	\$16.29	24%
4S	Mariposa to Yosemite	8:45 AM	55	3.20	\$491.20	30.4	\$156.27	\$334.93	0.55	9.5	\$16.13	\$11.00	32%
5S	Merced to Yosemite	10:30 AM	87	3.00	\$460.50	23.6	\$120.91	\$339.59	0.27	7.9	\$19.55	\$14.42	26%
6S	Merced to Yosemite	5:45 PM	87	2.60	\$399.10	11.9	\$61.03	\$338.07	0.14	4.6	\$33.57	\$28.44	15%
8S	Yosemite to Merced	9:05 AM	87	3.00	\$460.50	16.9	\$86.69	\$373.81	0.19	5.6	\$27.27	\$22.13	19%
8aS	Yosemite to Merced	3:15 PM	87	2.50	\$383.75	25.6	\$131.18	\$252.57	0.29	10.2	\$15.02	\$9.88	34%
9S	Yosemite to Merced	3:40 PM	87	3.00	\$460.50	9.8	\$50.19	\$410.31	0.11	3.3	\$47.10	\$41.96	11%
10S	Yosemite to Merced	4:15 PM	87	3.00	\$460.50	20.4	\$104.94	\$355.56	0.23	6.8	\$22.52	\$17.39	23%
11S	Yosemite to Merced	4:35 PM	87	3.00	\$460.50	18.2	\$93.53	\$366.97	0.21	6.1	\$25.27	\$20.14	20%
11aS	Yosemite to Merced	5:15 PM	87	2.50	\$383.75	19.6	\$100.46	\$283.29	0.22	7.8	\$19.61	\$14.47	26%
12	Yosemite to Merced	6:00 PM	87	2.80	\$429.80	29.8	\$152.85	\$276.95	0.34	10.6	\$14.43	\$9.30	36%
14	Yosemite to Merced	8:17 PM	87	2.80	\$429.80	13.6	\$69.58	\$360.22	0.16	4.8	\$31.71	\$26.57	16%
Overall Route Performance			1,273	43	\$6,554.45	299	\$1,537.13	\$5,017.32	0.24	7.0	\$21.89	\$16.75	23%

Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.

Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.

Table C-4: July 2019 Run Analysis -- 120 Route Sonora

		Average Daily							Performance Analysis				
Run	Start / End	Starting Time	Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio
Weekdays													
S1E	Tuolumne to Yosemite	6:40 AM	84	3.20	\$343.62	29.9	\$153.29	\$190.33	0.36	9.3	\$11.51	\$6.37	45%
S2E	Tuolumne to Yosemite	7:40 AM	84	3.20	\$343.62	22.2	\$113.86	\$229.76	0.26	6.9	\$15.49	\$10.36	33%
S3E	Tuolumne to Yosemite	8:40 AM	84	3.20	\$343.62	16.1	\$82.83	\$260.79	0.19	5.0	\$21.29	\$16.16	24%
S1F	Yosemite to Tuolumne	4:00 PM	84	3.30	\$354.35	33.5	\$172.19	\$182.17	0.40	10.2	\$10.56	\$5.43	49%
S2F	Yosemite to Tuolumne	4:30 PM	84	3.30	\$354.35	22.5	\$115.49	\$238.86	0.27	6.8	\$15.75	\$10.62	33%
S3F	Yosemite to Tuolumne	5:35 PM	84	3.30	\$354.35	16.9	\$86.79	\$267.56	0.20	5.1	\$20.96	\$15.82	24%
Overall Route Performance			504	20	2094	141	\$724.45	\$1,369.46	0.28	7.2	\$14.84	\$9.70	35%
Weekends/Holidays (2)													
S1E	Tuolumne to Yosemite	6:40 AM	84	3.20	\$343.62	40.6	\$208.17	\$135.44	0.48	12.7	\$8.47	\$3.34	61%
S2E	Tuolumne to Yosemite	7:40 AM	84	3.20	\$343.62	29.3	\$150.57	\$193.05	0.35	9.2	\$11.71	\$6.58	44%
S3E	Tuolumne to Yosemite	8:40 AM	84	3.20	\$343.62	13.9	\$71.29	\$272.32	0.17	4.3	\$24.74	\$19.61	21%
S1F	Yosemite to Tuolumne	4:00 PM	84	3.30	\$354.35	37.9	\$194.48	\$159.87	0.45	11.5	\$9.35	\$4.22	55%
S2F	Yosemite to Tuolumne	4:30 PM	84	3.30	\$354.35	19.2	\$98.67	\$255.69	0.23	5.8	\$18.43	\$13.30	28%
S3F	Yosemite to Tuolumne	5:35 PM	84	3.30	\$354.35	24.4	\$125.47	\$228.88	0.29	7.4	\$14.50	\$9.36	35%
Overall Route Performance			504	20	\$2,093.91	165.3	\$848.66	\$1,245.25	0.33	8.5	\$12.66	\$7.53	41%

Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.

Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.

Table C-5: July 2019 Run Analysis -- 120 / 395 Route Mammoth

		Average Daily							Performance Analysis					
Run	Start / End	Starting Time	Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio	
Weekdays														
1M	Mammoth to Yosemite	6:45 AM	110	3.80	\$408.04	15.5	\$79.68	\$328.36	0.14	4.1	\$26.29	\$21.15	20%	
2M	Mammoth to Yosemite	8:00 AM	110	3.80	\$408.04	14.4	\$73.73	\$334.32	0.13	3.8	\$28.41	\$23.28	18%	
1Y	Yosemite to Mammoth	4:05 PM	110	3.50	\$375.83	26.7	\$137.12	\$238.71	0.24	7.6	\$14.07	\$8.94	36%	
2Y	Yosemite to Mammoth	5:00 PM	110	3.50	\$375.83	11.8	\$60.66	\$315.17	0.11	3.4	\$31.80	\$26.67	16%	
Overall Route Performance			440	15	1568	68	\$351.20	\$1,216.55	0.16	4.7	\$22.91	\$17.78	22%	
Weekends/Holidays (2)														
1M	Mammoth to Yosemite	6:45 AM	110	3.80	\$408.04	14.9	\$76.42	\$331.62	0.14	3.9	\$27.41	\$22.27	19%	
2M	Mammoth to Yosemite	8:00 AM	110	3.80	\$408.04	9.8	\$50.19	\$357.85	0.09	2.6	\$41.73	\$36.60	12%	
1Y	Yosemite to Mammoth	4:05 PM	110	3.50	\$375.83	32.0	\$164.26	\$211.57	0.29	9.1	\$11.74	\$6.61	44%	
2Y	Yosemite to Mammoth	5:00 PM	110	3.50	\$375.83	9.6	\$49.05	\$326.78	0.09	2.7	\$39.33	\$34.20	13%	
Overall Route Performance			440	15	\$1,567.75	66.2	\$339.92	\$1,227.83	0.15	4.5	\$23.67	\$18.54	22%	
Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.							Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.							

Table C-6: July 2019 Run Analysis -- 41 Route Mammoth

Run	Start / End	Starting Time	Average Daily						Performance Analysis				
			Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio
Weekdays													
21	Yosemite to Fresno	11:15 AM	113	4	\$704.74	9.0	\$46.43	\$658.31	0.08	2.1	\$77.91	\$72.78	7%
22	Fresno to Yosemite	5:37 AM	113	4	\$659.51	17.9	\$91.69	\$567.82	0.16	4.3	\$36.92	\$31.79	14%
23	Yosemite to Fresno	4:06 PM	111	4	\$693.07	19.8	\$101.73	\$591.34	0.18	4.6	\$34.97	\$29.84	15%
24	Fresno to Yosemite	7:50 AM	112	4	\$647.84	13.9	\$71.16	\$576.67	0.12	3.4	\$46.73	\$41.60	11%
25	Yosemite to Fresno	5:46 PM	111	4.30	\$690.15	10.5	\$54.13	\$636.02	0.10	2.5	\$65.45	\$60.31	8%
26	Fresno to Yosemite	11:15 AM	111	4	\$644.92	7.5	\$38.73	\$606.19	0.07	1.9	\$85.47	\$80.34	6%
Overall Route Performance			671	25	\$4,040.22	78.7	\$403.87	\$3,636.35	0.12	3.1	\$51.35	\$46.22	10%
Weekends/Holidays (2)													
21	Yosemite to Fresno	11:15 AM	112	4	\$697.28	9.0	\$46.20	\$651.09	0.08	2.1	\$77.48	\$72.34	7%
22	Fresno to Yosemite	5:37 AM	211	8	\$1,219.80	15.6	\$79.85	\$1,139.95	0.07	2.0	\$78.42	\$73.28	7%
23	Yosemite to Fresno	4:06 PM	111	4.30	\$690.15	20.6	\$105.87	\$584.28	0.19	4.8	\$33.46	\$28.33	15%
24	Fresno to Yosemite	7:50 AM	111	4.00	\$642.00	18.3	\$93.68	\$548.32	0.16	4.6	\$35.18	\$30.05	15%
25	Yosemite to Fresno	5:46 PM	222	8.60	\$1,380.30	16.1	\$82.70	\$1,297.60	0.07	1.9	\$85.67	\$80.54	6%
26	Fresno to Yosemite	11:15 AM	222	8.00	\$1,284.00	11.3	\$58.17	\$1,225.83	0.05	1.4	\$113.29	\$108.16	5%
Overall Route Performance			988	37	\$5,913.53	90.9	\$466.46	\$5,447.07	0.09	2.5	\$65.07	\$59.94	8%

Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.

Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.

Table C-7: September 2019 Run Analysis -- 140 Route

Run	Start / End	Starting Time	Average Daily					Performance Analysis						
			Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio	
Weekdays														
1S	Merced to Yosemite	5:00 AM	87	2.50	\$383.75	6.4	\$32.85	\$350.90	0.07	2.6	\$59.96	\$54.83	9%	
2S	Merced to Yosemite	5:30 AM	87	2.60	\$399.10	9.7	\$49.53	\$349.57	0.11	3.7	\$41.36	\$36.22	12%	
2aS	Merced to Yosemite	6:00 AM	87	2.90	\$445.15	7.8	\$40.25	\$404.90	0.09	2.7	\$56.76	\$51.63	9%	
3S	Merced to Yosemite	6:45 AM	87	2.90	\$445.15	15.9	\$81.36	\$363.79	0.18	5.5	\$28.09	\$22.95	18%	
3aS	Merced to Yosemite	9:00 AM	87	2.90	\$445.15	7.2	\$37.01	\$408.14	0.08	2.5	\$61.74	\$56.60	8%	
4S	Mariposa to Yosemite	8:45 AM	55	3.20	\$491.20	11.7	\$59.80	\$431.40	0.21	3.6	\$42.16	\$37.03	12%	
5S	Merced to Yosemite	10:30 AM	87	3.00	\$460.50	16.4	\$83.92	\$376.58	0.19	5.5	\$28.17	\$23.03	18%	
6S	Merced to Yosemite	5:45 PM	87	2.60	\$399.10	18.3	\$93.68	\$305.42	0.21	7.0	\$21.87	\$16.74	23%	
7S	Midpines to Yosemite	5:54 AM	51	1.50	\$230.25	5.2	\$26.43	\$203.82	0.10	3.4	\$44.71	\$39.58	11%	
8S	Yosemite to Merced	9:05 AM	87	3.00	\$460.50	20.6	\$105.48	\$355.02	0.24	6.9	\$22.41	\$17.28	23%	
8aS	Yosemite to Merced	3:15 PM	87	2.50	\$383.75	22.1	\$113.44	\$270.31	0.25	8.8	\$17.36	\$12.23	30%	
9S	Yosemite to Merced	3:40 PM	87	3.00	\$460.50	7.7	\$39.27	\$421.23	0.09	2.6	\$60.20	\$55.06	9%	
10S	Yosemite to Merced	4:15 PM	87	3.00	\$460.50	15.5	\$79.30	\$381.20	0.18	5.2	\$29.81	\$24.67	17%	
11S	Yosemite to Merced	4:35 PM	87	3.00	\$460.50	10.8	\$55.44	\$405.06	0.12	3.6	\$42.64	\$37.51	12%	
11aS	Yosemite to Merced	5:15 PM	87	2.50	\$383.75	8.9	\$45.93	\$337.82	0.10	3.6	\$42.89	\$37.76	12%	
12	Yosemite to Merced	6:00 PM	87	2.80	\$429.80	14.0	\$71.61	\$358.19	0.16	5.0	\$30.81	\$25.68	17%	
14	Yosemite to Merced	8:17 PM	87	2.80	\$429.80	4.1	\$21.05	\$408.75	0.05	1.5	\$104.83	\$99.70	5%	
Overall Route Performance			1,411	47	\$7,168.45	201.9	\$1,036.35	\$6,132.10	0.14	4.3	\$35.50	\$30.37	14%	
Weekends/Holidays (2)														
2S	Merced to Yosemite	5:30 AM	87	2.60	\$399.10	9.3	\$47.91	\$351.19	0.11	3.6	\$42.76	\$37.63	12%	
2aS	Merced to Yosemite	6:00 AM	87	2.90	\$445.15	9.8	\$50.19	\$394.96	0.11	3.4	\$45.53	\$40.39	11%	
3S	Merced to Yosemite	6:45 AM	87	2.90	\$445.15	21.4	\$110.07	\$335.08	0.25	7.4	\$20.76	\$15.63	25%	
3aS	Merced to Yosemite	9:00 AM	87	2.90	\$445.15	9.2	\$47.34	\$397.81	0.11	3.2	\$48.27	\$43.14	11%	
4S	Mariposa to Yosemite	8:45 AM	55	3.20	\$491.20	25.4	\$130.61	\$360.59	0.46	8.0	\$19.30	\$14.17	27%	
5S	Merced to Yosemite	10:30 AM	87	3.00	\$460.50	22.4	\$115.21	\$345.29	0.26	7.5	\$20.52	\$15.38	25%	
6S	Merced to Yosemite	5:45 PM	87	2.60	\$399.10	19.1	\$98.10	\$301.00	0.22	7.4	\$20.88	\$15.75	25%	
8S	Yosemite to Merced	9:05 AM	87	3.00	\$460.50	19.4	\$99.81	\$360.69	0.22	6.5	\$23.68	\$18.55	22%	
8aS	Yosemite to Merced	3:15 PM	87	2.50	\$383.75	21.0	\$107.79	\$275.96	0.24	8.4	\$18.27	\$13.14	28%	
9S	Yosemite to Merced	3:40 PM	87	3.00	\$460.50	7.6	\$38.78	\$421.72	0.09	2.5	\$60.95	\$55.82	8%	
10S	Yosemite to Merced	4:15 PM	87	3.00	\$460.50	19.4	\$99.81	\$360.69	0.22	6.5	\$23.68	\$18.55	22%	
11S	Yosemite to Merced	4:35 PM	87	3.00	\$460.50	8.7	\$44.49	\$416.01	0.10	2.9	\$53.13	\$48.00	10%	
11aS	Yosemite to Merced	5:15 PM	87	2.50	\$383.75	11.1	\$57.20	\$326.55	0.13	4.5	\$34.44	\$29.31	15%	
12	Yosemite to Merced	6:00 PM	87	2.80	\$429.80	20.4	\$104.94	\$324.86	0.23	7.3	\$21.02	\$15.89	24%	
14	Yosemite to Merced	8:17 PM	87	2.80	\$429.80	7.8	\$39.92	\$389.88	0.09	2.8	\$55.26	\$50.13	9%	
Overall Route Performance			1,273	43	\$6,554.45	232.3	\$1,192.16	\$5,362.29	0.18	5.4	\$28.22	\$23.09	18%	
<p>Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.</p> <p>Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.</p>														

Table C-8: September 2019 Run Analysis -- 120 Route Sonora

		Average Daily							Performance Analysis				
Run	Start / End	Starting Time	Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio
Weekdays													
S2E	Tuolumne to Yosemite	7:40 AM	84	3.20	\$343.62	26.0	\$133.46	\$210.16	0.31	8.1	\$13.22	\$8.08	39%
S2F	Yosemite to Tuolumne	4:30 PM	84	3.30	\$354.35	24.4	\$125.25	\$229.11	0.29	7.4	\$14.52	\$9.39	35%
Overall Route Performance			168	7	\$697.97	50.4	\$258.70	\$439.27	0.30	7.8	\$13.85	\$8.72	37%
Weekends/Holidays (2)													
S1E	Tuolumne to Yosemite	6:40 AM	84	3.20	\$343.62	51.0	\$261.78	\$81.83	0.61	15.9	\$6.74	\$1.60	76%
S2E	Tuolumne to Yosemite	7:40 AM	84	3.20	\$343.62	49.2	\$252.54	\$91.07	0.59	15.4	\$6.98	\$1.85	73%
S3E	Tuolumne to Yosemite	8:40 AM	84	3.20	\$343.62	49.0	\$251.52	\$92.10	0.58	15.3	\$7.01	\$1.88	73%
S1F	Yosemite to Tuolumne	4:00 PM	84	3.30	\$354.35	51.0	\$261.78	\$92.57	0.61	15.5	\$6.95	\$1.82	74%
S2F	Yosemite to Tuolumne	4:30 PM	84	3.30	\$354.35	49.0	\$251.52	\$102.84	0.58	14.8	\$7.23	\$2.10	71%
S3F	Yosemite to Tuolumne	5:35 PM	84	3.30	\$354.35	49.0	\$251.52	\$102.84	0.58	14.8	\$7.23	\$2.10	71%
Overall Route Performance			504	20	\$2,093.91	298.2	\$1,530.66	\$563.25	0.59	15.3	\$7.02	\$1.89	73%
Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.							Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.						

Table C-9: September 2019 Run Analysis -- 120 / 395 Route Mammoth

		Average Daily							Performance Analysis				
Run	Start / End	Starting Time	Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio
Weekdays													
1M	Mammoth to Yosemite	5:30 AM	110	3.80	\$408.04	19.3	\$98.88	\$309.17	0.18	5.1	\$21.18	\$16.05	24%
1Y	Yosemite to Mammoth	8:27 PM	110	3.50	\$375.83	25.7	\$131.84	\$243.99	0.23	7.3	\$14.63	\$9.50	35%
Overall Route Performance			220	7	\$783.87	44.9	\$230.71	\$553.16	0.20	6.2	\$17.44	\$12.31	29%
Weekends/Holidays (2)													
1M	Mammoth to Yosemite	5:30 AM	110	3.80	\$408.04	17.9	\$91.75	\$316.29	0.16	4.7	\$22.83	\$17.69	22%
1Y	Yosemite to Mammoth	8:27 PM	110	3.50	\$375.83	27.5	\$141.16	\$234.67	0.25	7.9	\$13.67	\$8.53	38%
Overall Route Performance			220	7	\$783.87	45.4	\$232.91	\$550.96	0.21	6.2	\$17.28	\$12.14	30%
Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.							Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.						

Table C-10: September 2019 Run Analysis -- 41 Route Mammoth

		Average Daily							Performance Analysis				
Run	Start / End	Starting Time	Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	Subsidy per Passenger Boarding	Farebox Ratio
Weekdays													
21	Yosemite to Fresno	11:15 AM	111	4.30	\$690.15	11.6	\$59.31	\$630.84	0.10	2.7	\$59.72	\$54.59	9%
22	Fresno to Yosemite	5:37 AM	111	4.00	\$642.00	8.0	\$41.06	\$600.94	0.07	2.0	\$80.25	\$75.12	6%
23	Yosemite to Fresno	4:06 AM	112	4	\$697.28	11.9	\$61.03	\$636.26	0.11	2.7	\$58.65	\$53.52	9%
24	Fresno to Yosemite	7:50 AM	112	4	\$649.13	10.0	\$51.33	\$597.80	0.09	2.5	\$64.91	\$59.78	8%
25	Yosemite to Fresno	5:48 PM	112	4	\$697.28	5.6	\$28.52	\$668.77	0.05	1.3	\$125.51	\$120.38	4%
26	Fresno to Yosemite	11:15 AM	112	4	\$649.13	9.1	\$46.77	\$602.37	0.08	2.3	\$71.25	\$66.11	7%
Overall Route Performance			670	25	\$4,024.98	56.1	\$288.02	\$3,736.97	0.08	2.2	\$71.73	\$66.60	7%
Weekends/Holidays (2)													
21	Yosemite to Fresno	11:15 AM	111	8.60	\$1,380.30	10.8	\$55.61	\$1,324.69	0.10	1.3	\$127.41	\$122.28	4%
22	Fresno to Yosemite	11:15 AM	111	8.00	\$1,284.00	11.7	\$59.88	\$1,224.12	0.11	1.5	\$110.06	\$104.92	5%
23	Yosemite to Fresno	5:37 AM	117	5	\$741.51	15.6	\$80.07	\$661.44	0.13	3.4	\$47.53	\$42.40	11%
24	Fresno to Yosemite	7:50 AM	115	4	\$674.10	8.8	\$45.34	\$628.76	0.08	2.1	\$76.31	\$71.18	7%
25	Yosemite to Fresno	5:46 PM	111	4.30	\$690.15	10.7	\$54.75	\$635.40	0.10	2.5	\$64.70	\$59.57	8%
26	Fresno to Yosemite	11:15 AM	111	4.00	\$642.00	7.4	\$37.98	\$604.02	0.07	1.9	\$86.76	\$81.62	6%
Overall Route Performance			676	34	\$5,412.06	65.0	\$333.64	\$5,078.42	0.10	1.9	\$83.26	\$78.13	6%
Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.							Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.						

Table C-11: January 2020 Run Analysis -- 140 Route

Run	Start / End	Starting Time	Average Daily						Performance Analysis				
			Revenue Miles	Revenue Hours	Operating Cost (1)	Passenger Boardings	Estimated Fare Revenue	Operating Subsidy	Boardings per Revenue Mile	Boardings per Revenue Hour	Cost per Passenger Boarding	per Passenger Boarding	Farebox Ratio
Weekdays													
1XW	Cathey's Vly-Valley	5:45 AM	69	2.10	\$225.50	6.6	\$34.06	\$191.43	0.10	3.2	\$33.98	\$28.85	15%
2W	Exp. Merced to Yosemite	5:00 AM	87	2.50	\$268.45	12.2	\$62.53	\$205.92	0.14	4.9	\$22.04	\$16.90	23%
3W	Merced to Yosemite	6:40 AM	87	3.20	\$343.62	17.0	\$87.03	\$256.59	0.19	5.3	\$20.27	\$15.13	25%
4XW	Merced to Yosemite	8:45 AM	87	3.00	\$322.14	13.8	\$70.93	\$251.21	0.16	4.6	\$23.31	\$18.18	22%
5W	Merced to Yosemite	10:30 AM	87	3.30	\$354.35	13.8	\$70.93	\$283.43	0.16	4.2	\$25.64	\$20.51	20%
5 Extra	Merced to Yosemite Xtra	10:30 AM	87	3.00	\$322.14	25.0	\$128.32	\$193.82	0.29	8.3	\$12.89	\$7.75	40%
6W	Merced to Yosemite	5:25 PM	87	3.20	\$343.62	14.0	\$71.86	\$271.75	0.16	4.4	\$24.54	\$19.41	21%
7WOct	Midpines to Merced	5:54 AM	51	1.50	\$161.07	3.4	\$17.50	\$143.57	0.07	2.3	\$47.25	\$42.11	11%
8W	Yosemite to Merced	8:20 AM	87	2.80	\$300.66	18.5	\$94.73	\$205.94	0.21	6.6	\$16.29	\$11.16	32%
9W	Yosemite to Merced	2:20 PM	87	2.60	\$279.19	17.2	\$88.19	\$190.99	0.20	6.6	\$16.25	\$11.12	32%
10XW	Yosemite to Merced	3:40 PM	87	2.90	\$311.40	12.4	\$63.46	\$247.94	0.14	4.3	\$25.19	\$20.05	20%
11W	Yosemite to Merced	4:15 PM	87	2.80	\$300.66	16.1	\$82.83	\$217.84	0.19	5.8	\$18.63	\$13.50	28%
12W	Yosemite to Merced	5:05 PM	87	3.00	\$322.14	13.2	\$67.90	\$254.24	0.15	4.4	\$24.35	\$19.22	21%
Overall Route Performance			1077	36	3855	183.2	\$940.27	\$2,914.67	0.17	5.1	\$21.04	\$15.91	24%
Weekends/Holidays (2)													
2W	Cathey's Vly-Valley	5:45 AM	69	2.10	\$225.50	9.5	\$48.76	\$176.73	0.14	4.5	\$23.74	\$18.60	22%
3W	Merced-Yosemite	6:40 AM	87	3.20	\$343.62	15.3	\$78.28	\$265.34	0.18	4.8	\$22.53	\$17.40	23%
4XW	Merced-Yosemite	8:45 AM	87	3.00	\$322.14	15.1	\$77.64	\$244.50	0.17	5.0	\$21.30	\$16.17	24%
5W	Merced-Yosemite	10:30 AM	87	3.30	\$354.35	20.1	\$103.30	\$251.05	0.23	6.1	\$17.61	\$12.47	29%
6W	Merced-Yosemite	5:25 PM	87	3.20	\$343.62	14.1	\$72.50	\$271.11	0.16	4.4	\$24.33	\$19.19	21%
8W	Yosemite to Merced	8:20 AM	87	2.80	\$300.66	16.6	\$85.34	\$215.33	0.19	5.9	\$18.09	\$12.95	28%
9W	Yosemite to Merced	2:20 PM	87	2.60	\$279.19	18.6	\$95.60	\$183.59	0.21	7.2	\$14.99	\$9.86	34%
11W	Yosemite to Merced	4:15 PM	87	2.80	\$300.66	20.9	\$107.15	\$193.51	0.24	7.5	\$14.40	\$9.27	36%
12W	Yosemite to Merced	5:05 PM	87	3.00	\$322.14	15.5	\$79.56	\$242.58	0.18	5.2	\$20.78	\$15.65	25%
Overall Route Performance			765	26.00	\$2,791.88	145.8	\$748.13	\$2,043.75	0.19	5.6	\$19.16	\$14.02	27%
Note 1: Cost based on the \$107.38 per revenue hour for use of a YARTS-owned bus.							Note 2: Runs only operated on 1 or 2 days (such as on free fare days) not included.						