

**Proposed Fare Increase/Corresponding Ridership Loss Analysis - IVT MedTrans (Average Month)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
A	Type of Fare Category*	FY2018-19 Current Trip Fare Price	Base Number of Avg Pass Trips** FY2017/18	Current Avg Fare Generation	10% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 3% Loss	10% Fare Increase per Trip (w 3% drop in pass)	20% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 6% Loss	20% Fare Increase per Trip (w 6% drop in pass)	30% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 9% Loss	30% Fare Increase per Trip (w 9% drop in pass)	40% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 12% Loss	40% Fare Increase per Trip (w 12% drop in pass)	50% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 15% Loss	50% Fare Increase per Trip (w 15% drop in pass)	60% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 18% Loss	60% Fare Increase per Trip (w 18% drop in pass)	70% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 21% Loss	70% Fare Increase per Trip (w 21% drop in pass)	80% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 24% Loss	80% Fare Increase per Trip (w 24% drop in pass)	90% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 27% Loss	90% Fare Increase per Trip (w 27% drop in pass)	100% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 30% Loss	100% Fare Increase per Trip (w 30% drop in pass)
B	Cat A	\$ 15.00	121.0	\$ 1,815.00	\$1,996.50	117.4	\$ 1,936.61	\$2,178.00	113.7	\$2,047.32	\$2,359.50	106.8	\$ 2,082.73	\$2,541.00	106.5	\$ 2,236.08	\$2,722.50	102.9	\$ 2,314.13	\$2,904.00	96.2	\$2,309.84	\$ 3,085.50	89.9	\$ 2,291.29	\$ 3,267.00	81.2	\$ 2,191.67	\$ 3,448.50	77.7	\$ 2,215.32	\$ 3,630.00	72.0	\$ 2,159.85
C	Cat B	\$ 30.00	30.0	\$ 900.00	\$ 990.00	29.1	\$ 960.30	\$1,080.00	28.2	\$ 1,015.30	\$1,170.00	26.5	\$ 1,032.76	\$1,260.00	26.4	\$ 1,108.80	\$1,350.00	25.5	\$ 1,147.50	\$1,440.00	23.9	\$1,145.38	\$ 1,530.00	22.3	\$ 1,136.18	\$ 1,620.00	20.1	\$ 1,086.78	\$ 1,710.00	19.3	\$ 1,098.50	\$ 1,800.00	17.9	\$ 1,071.00
D	PCA	\$ 7.00	60.0	\$ 420.00	\$ 462.00	58.2	\$ 448.14	\$ 504.00	56.4	\$ 473.76	\$ 546.00	53.0	\$ 481.95	\$ 588.00	52.8	\$ 517.44	\$ 630.00	51.0	\$ 535.50	\$ 672.00	47.7	\$ 534.51	\$ 714.00	44.6	\$ 530.22	\$ 756.00	40.3	\$ 507.16	\$ 798.00	38.5	\$ 512.64	\$ 840.00	35.7	\$ 499.80
			211.0	\$1,135.00	\$3,448.50	204.7	\$3,345.05	\$3,762.00	198.3	\$3,536.28	\$4,075.50	186.2	\$3,597.44	\$4,389.00	185.7	\$3,862.32	\$4,702.50	179.4	\$3,997.13	\$5,016.00	167.8	\$3,989.73	\$ 5,329.50	156.7	\$ 3,957.69	\$ 5,643.00	141.5	\$ 3,785.62	\$ 5,956.50	135.5	\$ 3,826.46	\$ 6,270.00	125.5	\$ 3,730.65

  

Cat A	\$ 16.50	Cat A	\$ 18.00	Cat A	\$ 19.50	Cat A	\$ 21.00	Cat A	\$ 22.50	Cat A	\$ 24.00	Cat A	\$ 25.50	Cat A	\$ 27.00	Cat A	\$ 28.50	Cat A	\$ 30.00
Cat B	\$ 33.00	Cat B	\$ 36.00	Cat B	\$ 39.00	Cat B	\$ 42.00	Cat B	\$ 45.00	Cat B	\$ 48.00	Cat B	\$ 51.00	Cat B	\$ 54.00	Cat B	\$ 57.00	Cat B	\$ 60.00
PCA	\$ 7.70	PCA	\$ 8.40	PCA	\$ 9.10	PCA	\$ 9.80	PCA	\$ 10.50	PCA	\$ 11.20	PCA	\$ 11.90	PCA	\$ 12.60	PCA	\$ 13.30	PCA	\$ 14.00

**Proposed Fare Increase/Corresponding Ridership Loss Analysis - IVT MedTrans (Annual)**

	FY 2018-19 Contract farebox ratio requirement	Required revenue to meet farebox ratio requirement	Projected Fare Revenue Shortfall	10% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 3% Loss	10% Fare Increase per Trip (w 3% drop in pass)	20% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 6% Loss	20% Fare Increase per Trip (w 6% drop in pass)	30% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 9% Loss	30% Fare Increase per Trip (w 9% drop in pass)	40% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 12% Loss	40% Fare Increase per Trip (w 12% drop in pass)	50% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 15% Loss	50% Fare Increase per Trip (w 15% drop in pass)	60% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 18% Loss	60% Fare Increase per Trip (w 18% drop in pass)	70% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 21% Loss	70% Fare Increase per Trip (w 21% drop in pass)	80% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 24% Loss	80% Fare Increase per Trip (w 24% drop in pass)	90% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 27% Loss	90% Fare Increase per Trip (w 27% drop in pass)	100% Fare Increase per Trip (No Pass Loss)	Resulting Ridership with 30% Loss	100% Fare Increase per Trip (w 30% drop in pass)		
F	15% Current Farebox Ratio	\$ 71,962.95	\$ 41,018.88	\$23,958.00	1,408.4	\$23,239.26	\$26,136.00	1,364.9	\$24,567.84	\$28,314.00	1,281.7	\$24,992.77	\$30,492.00	1,277.8	\$26,832.96	\$32,670.00	1,234.2	\$27,769.50	\$34,848.00	1,154.9	\$27,718.10	\$ 37,026.00	1,078.3	\$27,495.51	\$ 39,204.00	974.1	\$26,300.08	\$ 41,382.00	932.8	\$26,583.80	\$ 43,560.00	863.9	\$25,918.20		
G	14% Proposed Farebox Ratio	\$ 67,165.42	\$ 38,284.29	\$11,880.00	349.2	\$11,523.60	\$12,960.00	338.4	\$12,182.40	\$14,040.00	317.8	\$12,393.11	\$15,120.00	316.8	\$13,305.60	\$16,200.00	306.0	\$13,770.00	\$17,280.00	286.3	\$13,744.51	\$ 18,360.00	267.3	\$13,634.14	\$ 19,440.00	241.5	\$13,041.36	\$ 20,520.00	231.3	\$13,182.05	\$ 21,600.00	214.2	\$12,852.00		
H	13% Proposed Farebox Ratio	\$ 62,367.89	\$ 35,549.70	\$ 5,544.00	698.4	\$5,377.68	\$6,048.00	676.8	\$5,685.12	\$6,552.00	635.5	\$5,783.45	\$7,056.00	633.6	\$6,209.28	\$7,560.00	612.0	\$6,426.00	\$8,064.00	572.7	\$6,414.11	\$ 8,568.00	534.7	\$6,362.60	\$ 9,072.00	483.0	\$6,085.97	\$ 9,576.00	462.5	\$6,151.62	\$ 10,080.00	428.4	\$5,997.60		
I	12% Proposed Farebox Ratio	\$ 57,570.36	\$ 32,815.11	\$11,382.00	2,456.04	\$40,140.54	\$15,144.00	2,980.1	\$42,435.36	\$48,906.00	2,235.0	\$43,169.33	\$52,668.00	2,228.2	\$46,347.84	\$56,430.00	2,152.2	\$47,965.50	\$60,192.00	2,014.0	\$47,876.72	\$ 63,954.00	1,880.3	\$47,492.24	\$ 67,716.00	1,698.6	\$45,427.41	\$ 71,478.00	1,626.6	\$45,917.47	\$ 75,240.00	1,506.5	\$44,767.80		
J	11% Proposed Farebox Ratio	\$ 52,772.83	\$ 30,080.51																																
K	10% Proposed Farebox Ratio	\$ 47,975.30	\$ 27,345.92																																

A None of the options meet the current 15% farebox ratio requirement of \$71,962  
 B A 50% fare increase may meet a 10% farebox ratio requirement

N NOTES:  
 O Category A = Children with disabilities, individuals that utilize wheelchairs, persons with disabilities, low income families and transit dependent individuals.  
 P Category B = Individuals who do not meet the criteria of Category A passengers.  
 Q PCA = Personal Care Attendants for Cat A Passengers.