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### **JANUARY 2017 FLEET UTILIZATION AND CONCERNS**

#### **SUMMARY** total of

In January 2017, an estimated 590,669 taxi trips were delivered in Calgary, up from 578,192 in January of 2016.

Of the 590,669 trips, an estimated 1,268 were for on demand wheelchair accessible taxi trip requests.

In January 2017, Livery Transport Services (LTS) handled 88 concerns resulting in 30 warnings, 9 summons and 5 license suspensions/ revocations. In comparison, LTS handled 97 concerns in January 2016.

#### **BACKGROUND INFORMATION**

A standing LTAC action item is to receive quarterly reports on taxi fleet utilization and compliments/ concerns. This supports a culture of data-driven decision making.

#### INVESTIGATION

## Q4 2016 Taxi Fleet Utilization

Table 1: Monthly Taxi Trip Volumes

Table 2: 2014-2016 Estimated Revenues

Table 3: Dispatch Response Times

Table 4: Taxi Trips by Hour of Day and Day of Week

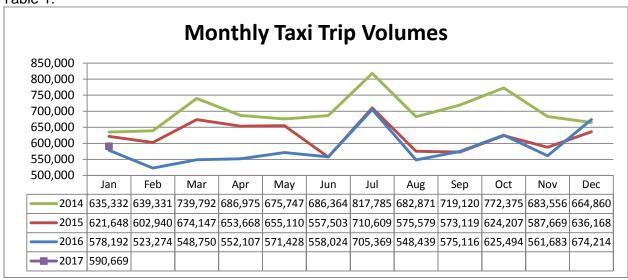
Table 5: Vehicle Count by Hour of Day and Day of Week

Q4 2016 Taxi Concerns

Table 6: Concerns by Issue

Table 7: Concerns by Disposition

Table 1:



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#### **JANUARY 2017 FLEET UTILIZATION AND CONCERNS**

Table 2:

Estimated Taxi Revenues (Distance-only)*								
	Jan 2014	Jan 2015	Jan 2016	Jan 2017				
Supply (in total hours worked)	565,395	613,008	646,923	619,445				
Demand (in trips)	635,332	621,648	578,192	590,669				
Avg distance (kms)	8.7	8.5	7.6	7.9				
Avg duration (mins)	15	15	13	15				
Total estimated distance-only revenue	\$10,673,578	\$11,003,170	\$9,482,349	\$9,923,239				
Avg hourly distance-only revenue	\$18.88	\$17.95	\$14.66	\$16.02				

<sup>\*</sup>Revenues are before operating expenses and are distance-only; wait time @ \$0.56/min for stopped/slow traffic and gratuities are not included. 2014 October meter rate increase. Meter rate set as a maximum effective 2016 April 4.

Table 3:

2016-2017 DISPATCH RESPONSE TIMES								
Month	DISPATCH TRIPS	Total within 15 min	% within 15 min	0-5 min	5-10 min	10-15 min	15-20 min	>20 min
2016 Jan	255,880	232,370	91%	63,165	118,124	51,081	14,861	8,649
Feb	227,102	207,509	91%	59,683	104,427	43,399	12,097	7,496
Mar	239,453	219,244	92%	65,112	109,597	44,535	12,468	7,741
Apr	236,901	218,056	92%	64,800	109,636	43,620	11,628	7,217
May	248,497	228,536	92%	70,748	112,772	45,016	12,036	7,925
Jun	204,574	186,635	91%	55,984	92,988	37,663	10,246	7,693
Jul	264,060	241,648	92%	74,341	119,180	48,127	13,331	9,081
Aug	240,503	220,796	92%	70,557	108,189	42,050	11,345	8,362
Sep	249,754	227,093	91%	69,617	111,996	45,480	12,942	9,719
Oct	272,007	247,692	91%	74,350	122,694	50,648	14,018	10,297
Nov	240,981	219,861	91%	70,081	107,481	42,299	11,563	9,557
Nov	240,981	219,861	91%	70,081	107,481	42,299	11,563	9,557
2017 Jan	273,153	242,882	89%	66,867	120,111	55,904	17,036	13,235

#### Wheelchair accessible dispatch response time

For January 2017, it is estimated that the taxi industry provided 1,268 on demand wheelchair accessible trips with an estimated arrival time of within approximately 15 minutes 77 per cent of the time. Month-to-month comparisons will be available beginning in April.

Some additional analysis was done for the week of January 2 (Monday to Sunday) in which it is estimated that, of the on-demand accessible trips for that week (286):

- The trip was accepted by the nearest ATPL half the time with an average deadhead distance of 4.7 km.
- There was a nearer ATPL the other half of the time with an average deadhead distance of 2.8 km.

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#### **JANUARY 2017 FLEET UTILIZATION AND CONCERNS**

Table 4:

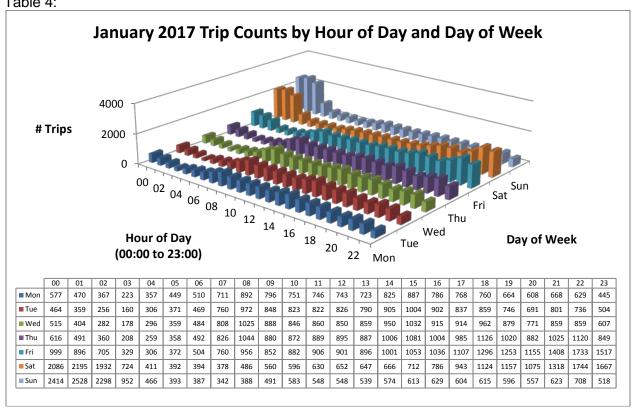
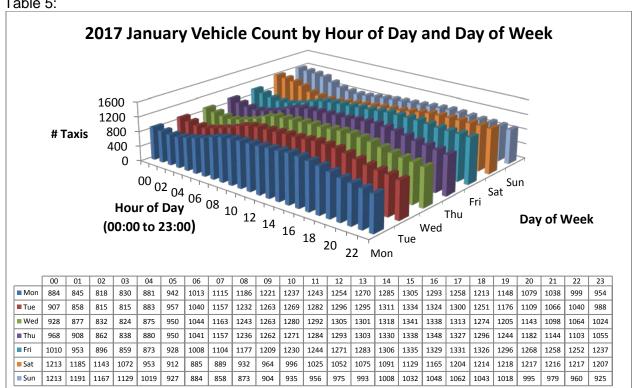


Table 5:

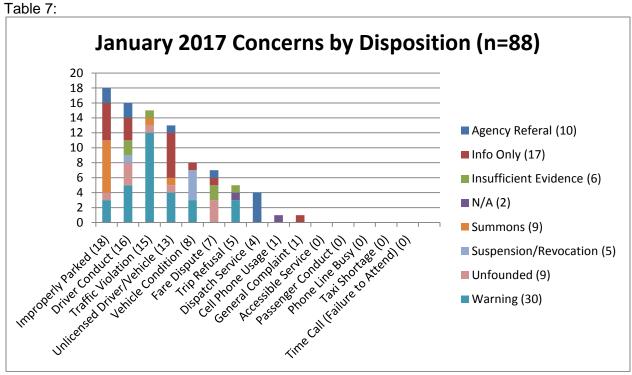


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#### **JANUARY 2017 FLEET UTILIZATION AND CONCERNS**

Table 6:

CONCERNS	January 2017	January 2016	
Accessible Service	0	1	
Dispatch Service	4	0	
Driver Conduct	16	17	
Fare Dispute	7	4	
Phone Line Busy	0	0	
Improper Parked	18	38	
Passenger Conduct	0	0	
Trip Refusal	5	5	
Time Call	0	0	
Unlicensed Driver/Vehicle	13	1	
Cell Phone Usage	1	1	
Traffic Violation	15	17	
Vehicle Condition	8	1	
Taxi Shortage	0	3	
General	1	9	
TOTAL	88	97	



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#### **JANUARY 2017 FLEET UTILIZATION AND CONCERNS**

## STAKEHOLDER ENGAGEMENT OR RESEARCH CONDUCTED

Date reporting requirements are mandated in Livery Transport Bylaw 6M2007. Through an automated file transfer process, required GPS and Taximeter data is received daily.

Feedback on this report is welcome by way of the LTAC process or via email (LTAC@calgary.ca).

# **CURRENT AND FUTURE FINANCIAL IMPACTS** None.

## RECOMMENDATIONS FOR LTAC TO CONSIDER

To receive this report for information.

SUBMISSIONS PRESENTED BY: Marcia Andreychuk, LTAC Business Analyst