Thanks for the Data!

Data? What to do?

Twitter: yycbike_count

calgary.bike

All the Counts!

	min	max	avg	current
Peace Bridge	108	3512	1574	910
7th St.	39	1314	598	430
Stephen Ave	118	1551	585	380
Peace Bridge (Last Year)	37	2644	1418	133
6th and 5th	28	1538	655	512
5th and CPR	0	2034	951	0
5th and 15th	0	1010	464	319
8th and 8th	0	770	346	770
8th and 3rd	72	1255	638	563
9th and 4th	6	387	172	6
12th and 8th	78	1332	626	261
12th and 2nd	73	1387	611	343
12th and 3rd	22	715	216	80
All Counts	401	14886	7031	4668

Compare Routes

https://calgary.bike/grafana/dashboard/db/all-the-counts
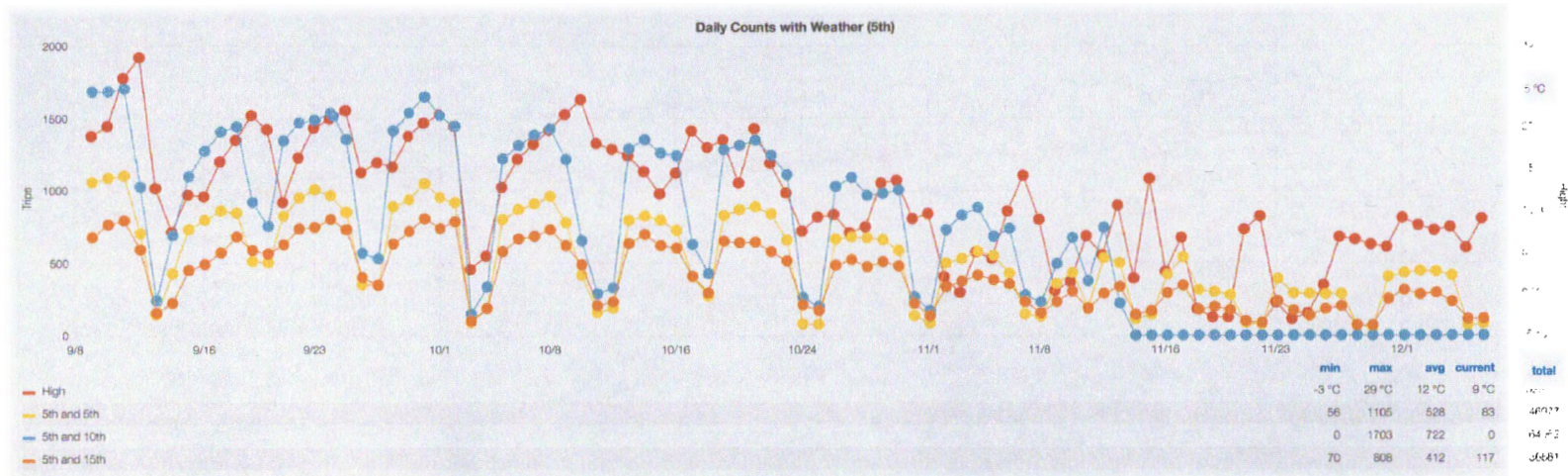
https://calgary.bike/grafana/dashboard/db/all-the-counts?from=1435730400000&to=1449516993270&theme=light - Totals turned off

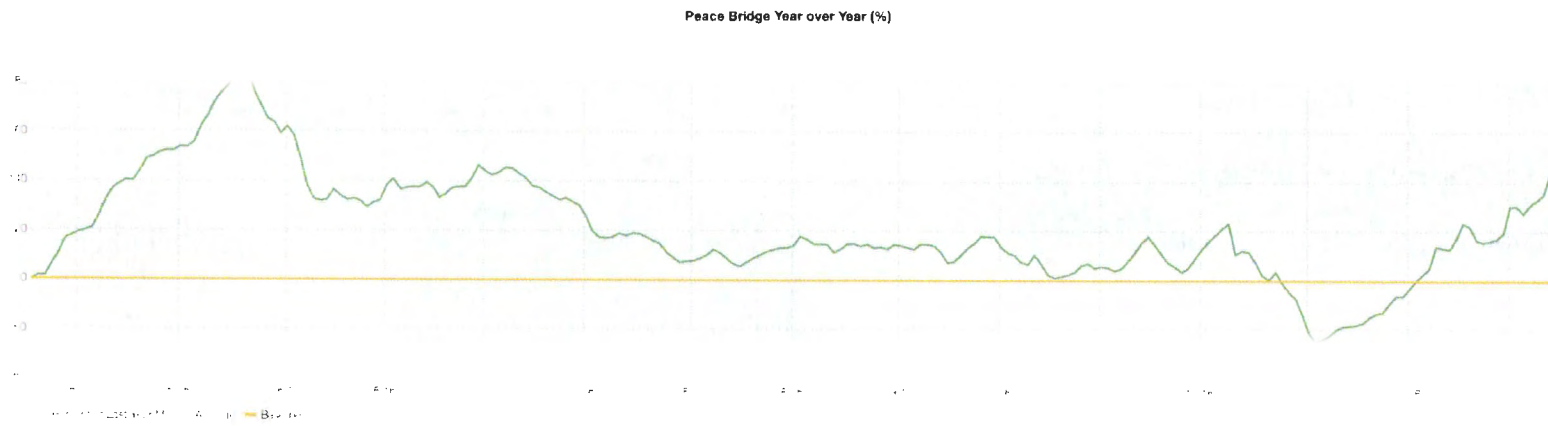Daily Counts with Weather (5th)

	min	max	avg	current	total
High	-3 °C	29 °C	12 °C	9 °C	
5th and 5th	56	1105	528	83	
5th and 10th	0	1703	722	0	
5th and 15th	70	808	412	117	

Add Weather

https://calgary.bike/grafana/dashboard/db/counts-and-weather

https://calgary.bike/grafana/dashboard/db/all-the-counts?from=1435730400000&to=1449516993270&theme=light

Rolling Monthly Average Daily Count

	min	max	avg	current
— Peace Bridge	577	2.451 K	1.738 K	577
— 7th St	262	958	656	262
— Stephen Ave	276	898	626	276
— Peace Bridge (Last Year)	404	2.247 K	1.543 K	404
— 5th and 5th	285	968	731	285
— 5th and CPR	100	1.418 K	1.087 K	100
— 5th and 15th	203	702	512	203
— 8th and 8th	172	432	338	240
— 8th and 3rd	0	811	655	321
— 9th and 4th	63	269	179	63
— 12th and 6th	261	988	693	251
— 12th and 2nd	240	1.021 K	686	240
— 12th and 3rd	81	421	245	81
— Total Count - Year Round counters only	1.703 K	7.300 K	5.124 K	1.703 K

Moving Averages

https://calgary.bike/grafana/dashboard/db/trending-averages-since-pilot-start

https://calgary.bike/grafana/dashboard/db/trending-averages-since-pilot-start?from=1435644000000&to=1449517130648&theme=light

Peace Bridge Year over Year (%)
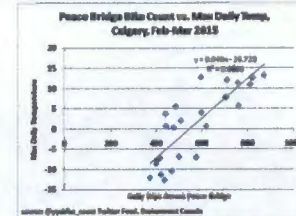
Year over Year (Peace Bridge)

https://calgary.bike/grafana/dashboard/db/year-over-year
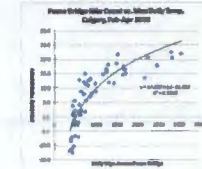
Why bother?

- Curiosity

- "Nobody bikes" isn't true

- Better conversations when based on reality

- The plural of anecdote is not data

Comparing Peace Bridge bike counts to weather: a 1° rise in daily temp leads to 27 more trips on the bridge. #yycbike
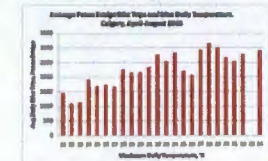

New 2015 #yycbike records on Peace Bridge with warmest weather of year. Relationship gets stronger with a log curve.

Looks like 26° is perfect weather to bike the Peace Bridge - only daily temp to average >3000 trips. #yycbike #yyccc

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Caveats

- Counters count usage and not people

- Lack of context in a count

- Counts are only one part of the evaluation criteria

- Started at the height of the year

Conclusion

- Thanks for the data and openness

- <3 using the infrastructure

- https://calgary.bike/Dec11Pres.pdf