



Alaska Department of Transportation & Public Facilities

Commercial Vehicle Compliance

Director Daniel V. Smith & Chief Carlos T. Rojas III

Our mission is to **Keep Alaska Moving** through service and infrastructure.

Commercial Vehicle Compliance Overview

- MSCVC operates nine fixed weigh stations around the State.
 - 4 Fairbanks – 6 filled PCNs
 - 3 Anchorage - 10 filled PCNs
 - 1 Tok – 4 PCNs
 - 1 Sterling – 3 PCNs
- On average, CVC staff weigh around 80,000 vehicles each year.
- Inspect an average of 6,805 vehicles each year.



Top 10 Most Common Violations CY2024

Federal Violation Code	Violation Description	Count
392.2W	Excessive Weight violation	1420
393.9	Inoperable Required Lamp	810
396.17C	Operating a CMV without proof of a periodic inspection	441
393.47E	Brake Out of Adjustment - Roto, Clamp	407
392.2RG	State vehicle registration or License Plate violation	379
393.95A	No/discharged/unsecured fire extinguisher	247
393.53B	CMV manufactured after 10/19/94 has an automatic airbrake adjustment system that fails to compensate for wear	213
393.95F	Emergency Equipment - Stopped vehicle warning devices missing or improper	171
393.60C	Damaged or discolored windshield	171
393.11	No or defective lighting devices or reflective material as required	149



Size and Weight



Legal Vehicle Weights

Axle Weight

Single Axle	20,000 lbs.
2-Axle Group	38,000 lbs.
3-Axle Group	42,000 lbs.
4-Axle Group	50,000 lbs.

Bridge Formula

Formula for a vehicle with no lift axles in the drive group:

$$W = 500 \left(\frac{LN}{N-1} + 12N + 36 \right) + 3,000$$



Weighing Allowance

17 AAC 25.335

The department will weigh vehicles in their as-found condition and will grant weight allowances.

Snow and Ice build-up

October 1 through April 30:

- An additional 1,500-pound allowance is granted for snow and ice build-up.

Auxiliary Power Unit (APU)

- Allowed an additional 550 pounds total in power unit axle weights, or bridge formula weight.



Peak CMV Traffic – Weigh In Motion

October 1, 2024 - January 28, 2024 - WIM - CMV Traffic						
Hours	TOK	FOX	GSM	GNM	STE	Total
0-1	477	266	505	1315	694	3257
1-2	380	267	506	1027	581	2761
2-3	403	319	535	948	539	2744
3-4	488	343	609	1344	715	3499
4-5	762	320	991	1977	1065	5115
5-6	625	343	1955	3098	1877	7898
6-7	678	296	3175	4676	2557	11382
7-8	885	295	4493	6848	3388	15909
8-9	883	283	5460	10004	4329	20959
9-10	890	353	5680	11049	4732	22704
10-11	983	369	6176	10711	5012	23251
11-12	1018	375	6412	10742	5190	23737
12-13	963	371	6387	10861	5433	24015
13-14	1105	339	6651	11634	5518	25247
14-15	991	396	6506	13233	5516	26642
15-16	1088	389	5618	15546	5337	27978
16-17	1239	348	4045	15253	5041	25926
17-18	957	335	2475	11347	4413	19527
18-19	927	310	1845	7086	3182	13350
19-20	770	287	1372	4497	2198	9124
20-21	716	283	1071	3570	1651	7291
21-22	627	296	844	2854	1212	5833
22-23	711	294	687	2282	1042	5016
23-24	512	305	561	1753	765	3896
Grand Total	19078	7782	74559	163655	71987	337061



Low CMV Traffic

High CMV Traffic

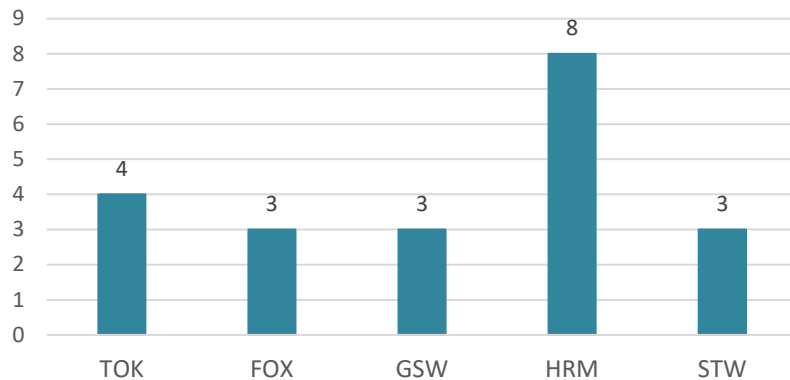


Weigh Stations



Weigh Station Staffing Levels

Oct 1, 2024 - Jan 28, 2025



October 1, 2024 - January 28, 2025 - Fixed Weigh Stations						
Hours	TKW	FXW	GSW	HRM	STW	Total
0-1						0
1-2						0
2-3						0
3-4						0
4-5						0
5-6						0
6-7	71	115	9	23	21	239
7-8	188	216	18	129	162	713
8-9	222	320	172	306	248	1268
9-10	254	279	401	295	247	1476
10-11	197	410	284	346	300	1537
11-12	212	281	272	259	247	1271
12-13	323	161	278	248	207	1217
13-14	361	156	438	287	146	1388
14-15	386	53	323	324	203	1289
15-16	308	66	155	121	140	790
16-17	305	148	108	165	70	796
17-18	278	132	97	167	61	735
18-19	241	171	89	167	52	720
19-20	70	135	97	137	35	474
20-21	187	67	78	76	33	441
21-22	101	112	80	103	7	403
22-23		74	45	124		243
23-24		4	8	65		77
Grand Total	3704	2900	2952	3342	2179	15077



Low – CMV Count

High – CMV Count



Questions?

