

DEFINITIONS LINK VOLUME REPORTS

HWY	Highway Number and Suffix
CS	Control Section is a section of highway defined by Alberta Infrastructure and Transportation. Each highway has one or more control sections.
TCS	Traffic Control Section is a portion of a control section that has similar traffic characteristics. Each control section has one or more traffic control sections. Traffic Control Sections are defined by Program Management Branch.
FROM	Start reference point of a section of highway.
TO	End reference point of a section of highway.
LENGTH	Length in kilometres of a section of highway.
WAADT	Weighted Average Annual Daily Traffic. The average daily two-way traffic volume for a section of highway expressed as vehicles per day for the period of January 1 to December 31 (365 or 366 days).
WASDT	Weighted Average Summer Daily Traffic. The average daily two-way traffic volume for a section of highway expressed as vehicles per day for the period of May 1 to September 30 (153 days).

CLASSIFICATIONS

%PV	Percentage of traffic volume classified as Passenger Vehicle (Cars, Pickup Trucks, Sport Utility Vehicles, Vans, Motorcycles)
%RV	Percentage of traffic volume classified as Recreation Vehicles (Cars or Pickup Trucks with Trailers, Campers)
%BU	Percentage of traffic volume classified as Buses (School, Inter City, Transit, Disabled Transportation)
%SU	Percentage of traffic volume classified as Single Unit Trucks (Single non-articulated trucks greater than 3 tonnes in weight)
%TT	Percentage of traffic volume classified as Tractor Trailer Combinations (Articulated Tractor and Trailer Combinations)
%CM	Percentage of traffic volume classified as Commercial Vehicles (BU + SU + TT)

TRAVEL MVKM (Million Vehicle Kilometres)

Annual	WAADT multiplied by travel distance times 365 or 366 days and divided by one million
Summer	WASDT multiplied by travel distance times 153 days (May 1 to September 30) and divided by one million

ESAL / DAY / DIR (Equivalent Single Axle Load per Day per Direction)

An Equivalent Single Axle Load is defined as an application of an 80 kiloNewton single axle dual tire load.
(80 kiloNewtons = 18,000 lbs force or 8100 kilograms)

SU	Single Unit Trucks ESAL/Day/Dir An average Alberta single unit truck =	0.881 ESAL *
TT	Tractor Trailer ESAL/Day/Dir An average Alberta tractor trailer combination =	2.073 ESAL *
Total	Total ESAL/Day/Dir (SU + TT)	

(*source: "Protection of Alberta's Roads- A Study of Commercial Vehicle Weight and Safety Compliance " KPMG June 28, 1995)