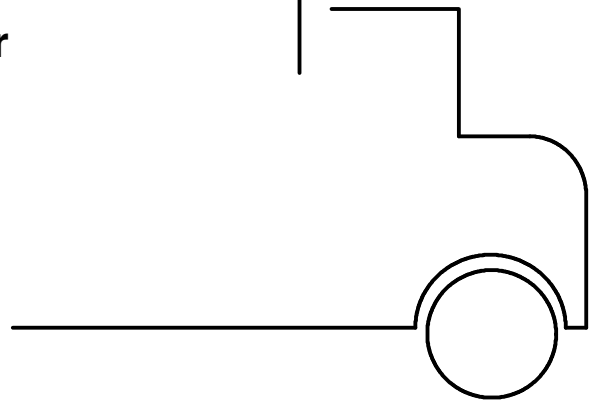


vehicle sizes & weights chart

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**Listing the
Maximum Highway Limits for

ALL STATES
CANADIAN PROVINCES**



Published as a special supplement to the VEHICLE SIZES AND WEIGHTS MANUAL, this Chart contains all changes received on or before May 15, 2004.

For specific limitations established by the laws of each state and province, consult the VEHICLE SIZES AND WEIGHTS MANUAL. Revised semiannually to ensure accuracy, the Manual supplies complete and current information on vehicle dimensions, weights, permit requirements, fees, escorts, markings, flagmen, and appropriate agency references. An updating service is optional.

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VEHICLE SIZES & WEIGHTS — MAXIMUM LIMITS — JULY 1, 2004

DES. = Interstates and federally designated state highways.
 OTHER = All other state highways and supplemental routes

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	LENGTH (FEET)										HEIGHT (FEET)	WIDTH (INCHES)		WEIGHT (1,000 POUNDS)					
	INTERSTATE AND DESIG. HWYS. (DES.)					STATE AND SUPP. HWYS. (OTHER)						DES.	OTHER	SINGLE AXLE WEIGHT		TANDEM AXLE WEIGHT		GROSS VEHICLE WEIGHT	
	STRAIGHT TRUCKS	COMBINATIONS †		TRAILING UNITS ‡		STRAIGHT TRUCKS	COMBINATIONS †		TRAILING UNITS ‡					INTER-STATE	OTHER	INTER-STATE	OTHER	INTER-STATE	OTHER
ALABAMA	40	0	0	57L	28'6"	40	0	0	53	28.5	13'6"	102	BB	20	20	34	40	80	84
ALASKA	45	75	75	53L	48L	45	75	75	48L	48L	14	102	102	20	20	38	38	K	K
ARIZONA	40	0	0	57.5	28'6"	40	65	65	53	28.5	KK	102	96	20	20	34	34	80	80
ARKANSAS	40	0	65	53.5	28'6"O	40	0	65	53.5	28.5O	13'6"	102	102	20	20	34	34	80	80
CALIFORNIA	40	B	B	B	B	40	B	B	B	B	14	102	102	20	20	34	34	80	80
COLORADO	45	0	0	57.33D	28'6"D	45	0	0	57.33D	28.5D	KK	102	102	20	20	36	40	80	85
CONNECTICUT	45	0	0	48LL	28	45	0	0	48LL	28	13'6"	102.36	102.36	22.4	22.4	36W	36W	80	80
DELAWARE	40	0	0	53	29	40	60	60	NS	NS	13'6"	102	102	20	20	34	40	80	80
DISTRICT OF COLUMBIA	40	0	0	48	28	40	55	A	NS	A	13'6"	102	96	22	22	38	38	80	80
FLORIDA	40	0	0	53L	28	40	0	A	53L	28	13'6"	102	102F	22	22	44	44	80	80
GEORGIA	NS	0	0	53	28	NS	100MM	100MM	53	28	13'6"	102	96	P	P	Q	40.68	80	80
HAWAII	45	NS	NS	45	NS	45	65	65	45	NS	14	108	108	22.5	22.5	34	34	80	88
IDAHO	45	75T	75	53	68H	45	75T	75	48	61GG	14	102	102	20	20	34	34	80	105.5M
ILLINOIS	42	NS	G	53G	28'6"	42	G	G	53G	28.5	13'6"	102	96	20	18	34	32	80	73280
INDIANA	40	0	0	53HH	28'6"	40	0	0	53HH	28.5	13'6"	102	102	20	20	34	34	80	80
IOWA	40	0	0	53	28'6"	40	0	0	53	28.5	13'6"	102	102	20	20	34	34	80	80
KANSAS	42.5	0	0	59.5	28'6"	42.5	0	0	59.5	28.5	14	102	102	20	20	34	34	80	85.5
KENTUCKY	45	0	0	53	28	45	65	A	NS	A	13'6"	102	96	20	20	34	34	80	J
LOUISIANA	45	0	0	59.5	30	45	65	A	NS	A	13'6"	102	102	20	22	34	37	80	88
MAINE	45	0	0	53V	28'6"	45	65	X	48	28'6"	13'6"	102	102	R	22.4	38	38	80	80
MARYLAND	40	0	0	53L	28	40	0	A	53L	A	13'6"	102	96	22.4	22.4	34	34	80	80
MASSACHUSETTS	40	0	0	53	28	40	0	0	53	28	13'6"	102	102	22.4	22.4	36	36	80	80
MICHIGAN	40	0	58	53J	28'6"	40	0	59	50	NS	13'6"	102	96	JJ	JJ	JJ	JJ	JJ	JJ
MINNESOTA	40	0	0	53EE	28'6"	40	75	E	53EE	28.5EE	13'6"	102	102	20	18	34	34	80	80
MISSISSIPPI	40	0	0	53	30	40	0	0	53	30	13'6"	102	102	20	20	34	34	80	80
MISSOURI	45	0	0	53	28	45	60	65	NS	NS	14KK	102	96	20	22	34	36	80	80
MONTANA	55	0	0	53	28'6"	55	0	0	53	28.5	14	102	102	20	20	34	34	123	123
NEBRASKA	40	0	0	53	65Y	40	0	0	53	65Y	14'6"	102	102	20	20	34	34	80	95
NEVADA	40	0	0	53	28'6"	40	0	0	53	28.5	14	102	102	20	20	34	34	129	129
NEW HAMPSHIRE	45	N/S	N/S	53L	28	45	NS	NS	48	28	13'6"	102	102	22.4	22.4	34	36	80	80
NEW JERSEY	40	0	0	53L	28	40	0	CC	48	28	13'6"	102	96	22.4	22.4	34	34	80	80
NEW MEXICO	40	0	0	57.5	28'6"	40	65	65	NS	NS	14	102	102	21.6	21.6	34.32	34.32	80	86.4
NEW YORK	40	0	0	53L	28'6"	40	65	65	48	28'6"	13'6"	102	102	20 ^{ll}	22.4	34 ^{ll}	36	80	80
NORTH CAROLINA	40	0	0	53L	28	40	60	A	NS	A	13'6"	102	96	20	20	38	38	80	80
NORTH DAKOTA	50	0	0	53	53	50	75U	75U	53	53	14	102	102	20	20	34	34	80	105.5
OHIO	40	0	0	53	28'6"	40	0	0	53	28.5	13'6"	102	102	20	20	34	34	80	80
OKLAHOMA	45	0	0	59.5	53	45	0	0	53	29	13'6"	102	102	20	20	34	34	80	90
OREGON	40	0	0	53	N	40	N	N	N	N	14	102	102	20	20	34	34	105.5	105.5
PENNSYLVANIA	40	0	0	53	28'6"	40	0	A	53	A	13'6"	102	96 ^{NN}	22.4Z	22.4Z	36Z	36Z	80	80
RHODE ISLAND	40	0	0	53L	28'6"	40	0	0	48.5	28.5	13'6"	102	102	22.4	22.4	36	36	80	80

	LENGTH (FEET)				STATE AND SUPP. HWYS. (OTHER)				HEIGHT (FEET)		WIDTH (INCHES)		WEIGHT (1,000 POUNDS)						
	INTERSTATE AND DESIG. HWYS. (DES.)		TRAILING UNITS †		COMBINATIONS †		TRAILING UNITS ‡						DES.	OTHER	INTER-STATE	OTHER	SINGLE AXLE WEIGHT	TANDEM AXLE WEIGHT	GROSS VEHICLE WEIGHT
	STRAIGHT TRUCKS	COMBINATIONS †	TRAC-TOR-TWIN-SEMI-TRAILERS	SEMI-TRAILER	TRAILER	TRAILER	TRAC-TOR-TWIN-TRAILERS	SEMI-TRAILER	TRAILER	INTER-STATE	OTHER	INTER-STATE							
SOUTH CAROLINA	40	ø	ø	53L	28'6"	40	ø	A	48	A	13'6"	102	102	20	22	35.2E	39.6	80	80
SOUTH DAKOTA	45	ø	ø	53	S	45	ø	ø	53	S	14	102	102	20	20	34	34	80	K
TENNESSEE	40	øF	øF	53F	28'6"	40	ø	A	50EE	A	13'6"	102	102	20	20	34	34	80	80
TEXAS	45	ø	ø	59	28'6"	45	ø	ø	59	28.5	14	102	102	20	20	34	34	80	80
UTAH	45	92	92	53L	61Y	45	92	92	48L	61Y	14	102	102	20	20	34	34	80	80
VERMONT	46	ø	ø	5300	28	46	ø	ø	5300	A	13'6"	102	102	20	22.4	34	34	80	80
VIRGINIA	40	ø	ø	53FF	28'6"	40	65	A	53	A	13'6"	102	102	20	20	34	34	80	80
WASHINGTON	40	ø	ø	53	61Y	40	ø	ø	48	60Y	14	102	102	20	20	34	34	105.5	105.5
WEST VIRGINIA	40	ø	ø	53C	28'6"	40	60	A	48	A	13'6"	102	96	20	20	34	34	80	73.5DD
WISCONSIN	40	ø	ø	53	28'6"	40	65	A	48	A	13'6"	102	102	20	20	34	34	80	80
WYOMING	60	ø	ø	60	CC	60	ø	ø	60	CC	14	102	102	20	20	36	36	117	117

NOTE: No state shall prohibit the use of trailers or semitrailers of such dimensions as those that were in actual or lawful use in such state on Dec. 1, 1982. Neither shall any state prohibit the use of existing trailers or semitrailers of up to 28.5 ft. in length in a truck tractor-semitrailer-trailer combination if those trailers and semitrailers were actually and lawfully operating on Dec. 1, 1982, within a 65-foot length limit in any state.

TOLERANCES:
ALABAMA — 10% weight tolerance on other roads.
CALIFORNIA — 200 lbs. on Platform Scales, or 2% of scale wt. on Portable Scales.
CONNECTICUT — 2% tolerance if below 73,000 lbs.
DISTRICT OF COLUMBIA — 1,000 lbs. tolerance on GVW.
HAWAII — 5% weight tolerance on state and supplemental routes only.
MARYLAND — 1,000 lbs. tolerance on GVW.
MISSISSIPPI — None on federal highways, 5% on tandem and 2% on gross on selected other highways
MISSOURI — If on hwy. other than Interstate, can exceed axle and gross wt. limitations up to 2,000 lbs.
MONTANA — Up to 5% (7% for livestock). \$10 trip permit fee charged.
NEW HAMPSHIRE — 5% tolerance below 80,000 lbs. on supp. hwy. only.
PENNSYLVANIA — 3% on axle weight except when weighed on stationary scales on Interstate highways.
VERMONT — On other highways only — 10% on axles, 5% on gross.
† Only tractor-semitrailer and tractor-twin-trailer combinations are considered here. For other combinations, contact state agency.
‡ Semitrailer in tractor-semitrailer combination, and trailer in tractor-twin-trailer combination.

ø No overall length restrictions imposed, but must not exceed trailer length.
NS. Not specified (but must meet trailer length).
A. Not allowed (allowed in some states by permit).
B. On any hwy. tractor-semitrailer combo, 65 ft. (distance between kingpin and rearmost semitrailer axle must be 40 ft. or less; single axle semitrailer kingpin dimension is limited to 38 ft.).
On federally designated hwy., no overall combination length limitation or kingpin restriction if semitrailer is 48 ft. or less. Or, semitrailer may be 53 ft. if kingpin to centerline of rearmost axle for tris. with 2 or more axles is no longer than 40 ft., single rear axle is limited to 38 ft.

Twin-trailer combinations 65 ft. on all hwy., if either trailer exceeds 28.5 ft.; 75 ft. on non-designated hwy., if neither trailer exceeds 28.5 ft.; and unlimited length on federally designated system if neither trailer exceeds 28.5 ft.
C. 53 ft. trailers permitted if distance between last axle of tractor and first axle of semitrailer does not exceed 37 ft.
D. Combinations with semitrailers or twin-trailers in excess of limits may not exceed 70 ft.

E. If gross weight is more than 75,185 lb., legal tandem weight is 34,000 lb. The towed vehicle shall not exceed 50 ft. in length from the point of attachment to the tractor. If the towed vehicle exceeds 48 ft. in length from the point of attachment to the tractor, the distance between the kingpin and the rearmost axle or a point midway between the two rear axles, if the two rear axles are a tandem axle, shall not exceed 41 feet.
F. Semitrailers operated on Class I and II hwy. are limited to a maximum distance of 45' 6" (42' 6" on Class III and other hwy.) from kingpin to center of rearmost axle. On Class III and other hwy. maximum tractor/trailer/semitrailer or twin-trailer wheel base is 55 ft. and/or 65 ft. overall length.
G. Combination of trailers can be 68 ft. including tongue.
H. Semitrailers longer than 50 ft. can operate on designated hwy. only; are limited to 3 axles; and shall have a wheelbase of 37 ft. to 41 ft. (measured from the kingpin coupling to the center of the axles or to center of tandem axle if equipped with 2 axles).
I. 80,000 lbs. on class AAA hwy.; 92,000 lbs. on class AA hwy.; and 44,000 lbs. on class A hwy.
J. GVW is governed by Bridge Formula.
K. If in excess of 48 ft.—maximum distance from kingpin to center of rearmost axle not to exceed 41 feet if single, or the center of a group of rear axles, and must be equipped with a rear underride guard.
L. Allowed with permit only.
M. Tractor-semitrailer combo 60 ft. for Group 1 hwy.; 50 ft. for groups 2 and 3 hwy. Semitrailers not specified for group 1; 40 ft. for group 2; and 35 ft. for group 3. Tractor-twin-trailers 75 ft. for group 1; 65 ft. for group 2 and group 3. Trailers 40 ft. for group 1; 35 ft. for groups 2 and 3.
N. On interstate and designated hwy., no semitrailer or trailer in a twin-trailer combo may exceed 40 ft.; both trailing units together measured from the front of the 1st to the rear of the 2nd may not exceed 68 ft.
O. 28'6" if trailer was manufactured prior to December 2, 1982; 28 ft. if trailer was manufactured after December 1, 1982.
P. 18,000 lb. +13%.
Q. 34,000 lb. Exception: If vehicle is less than 55 ft. long and gross weight is less than 73,280 lb., will allow 40,680 lb.
R. Single Axle 22,000 lbs. if GVW is less than 73,280 lbs.; and 20,000 lbs. if GVW is more than 73,280 lbs. but less than 80,000 lbs.
S. 28 1/2 ft. on each trailer unit operating in a road tractor-trailer-trailer combination if the towbars do not exceed 19 ft. and the overall length of the trailer-trailer unit including towbars does not exceed 80 ft. The maximum length of semitrailer-semitrailer or semitrailer-trailer combination, excluding the length of the truck-tractor, is 81 1/2 ft. provided the maximum length of either unit does not exceed 45 ft. If the towbar length exceeds 19 ft., the towbar shall be flagged during day light hours and lighted at night. The weight of the second unit may not exceed the weight of the first unit by more than 3000 pounds.
T. Unless otherwise noted.

U. 2, 3, and 4-unit combos., 110 ft. on 4-lane divided hwy.; 95 ft. on most state hwy.
V. 53 ft. only allowed on interstate and some sections of major routes, plus need "wide turns" sign.
W. If axles of tandem are less than 6 ft. apart.
X. 28 1/2 ft. semitr. and 28 1/2 ft. straight trlr. only allowed on certain roads.
Y. As measured from front of 1st trailing unit to rear of second.
Z. When GVW is 73,280 lbs. or less, single axle may not exceed 22,400 lbs., and tandem; 36,000 lbs.; if GVW exceeds 73,280 lbs., single axle may not exceed 20,000 lbs., and tandem 34,000 lbs.
AA. Allowed if trailer is 53 ft. or less.
BB. 96" on lane widths less than 12 ft., otherwise 102".
CC. Only allowed on same routes as 102" wide.
DD. 73,500 on state routes, 65,000 on county routes.
EE. If over 48 ft., kingpin to rear axle cannot exceed 43 ft. Tractor-twin trailer combinations allowed on state designated routes only.
FF. Provided distance between kingpin and center of rearmost axle group is 41 ft. or less, or a point midway between rear tandem axles.
GG. Combination of trailers can be 61 ft. including tongue, or 75 ft. overall.
HH. Kingpin to rearmost axle cannot exceed 43 ft.; if the semitrailer is longer than 48' 6".
II. If GVW is below 71,000 lb., single axle weight may be 22,400 lb., tandem axle weight may be 36,000 lb.
JJ. Variable, contact the Michigan Department of Transportation.
KK. 14 ft. 6 ins. on interstate and designated system only, otherwise 13 ft.
LL. Semitrailers measuring greater than 48 feet and less than or equal to 53 feet are allowed to travel on all Interstate, State and U.S. Routes numbered 1 - 399 inclusive and State Routes numbered 450, 476, 508, 693, and 695. These semitrailers are also allowed to travel (1) one mile off of these routes for food, fuel and terminal access provided the distance is no more than 43 ft. between the kingpin and the center of the rearmost axle with wheels in contact with the road surface.
MM. 100 ft. unless limited & will then be posted.
NN. 102" permitted on all roads for trucks; combos allowed 102" on interstate or designated highways, but only 96" on all other roads.
OO. 53 ft. tris. only allowed off designated system with permit. Maximum distance from kingpin to center of rearmost axle not to exceed 43 ft. and must be equipped with rear underride guard.

CANADIAN VEHICLE SIZES & WEIGHTS — MAXIMUM LIMITS

JULY 1, 2004

PROVINCE	LENGTH (m)				WIDTH (m)	HEIGHT (m)	Single Axle Weight (kg)	Tandem Axle Weight (kg)	Maximum Gross Weight (kg)	REMARKS
	Single Truck	Trailer or Semitrailer	Tractor and Semitrailer	Other Combinations						
ALBERTA	12.5	16.2	23	25 (1)	2.6	4.15	9 100	17 000	63 500	(1) 23 m with a maximum distance of 16.75 m from fifth wheel pin of lead trailer to extreme rear of combination or from center of tractor drive axle(s) to extreme rear of combination; without 16.75 m kingpin restriction, 21.5 m is maximum length. Higher limits apply to R.T.A.C. vehicles. In Alberta: Rocky Mtn. Doubles — 28.0m; Turnpike Doubles — 35.0 m; Triples — 33.0 m.
BRITISH COLUMBIA (RTAC)	12.5	16.2	23 (8)	23 (8)	2.6	4.15	9 100	17 000	63 500 (2)	(2) Allowable maximum licensed gross vehicle weight is governed by tire size and the number and spacing of axles.
MANITOBA (RTAC)	12.5	16.2	23	25	2.6	4.15	9 100	17 000 (3)	62 500 (3)	(3) On provincial roads, single axle cannot exceed 8 200 kg, tandem axle cannot exceed 14 500 kg, and gross vehicle weight cannot exceed 47 630 kg. On R.T.A.C. highways, tandem axle cannot exceed 17 000 kg, and gross vehicle weight cannot exceed 62 500 kg.
NEW BRUNSWICK	12.5	16.2	23	23 (4)	2.6	4.15	9 100	18 000	62 500	(4) Distance from center of kingpin to bumper of rear-most vehicle cannot exceed 16.75 m.
NEWFOUNDLAND	12.5	14.65 (12)	23	23	2.6	4.15	9 100	17 000 (6)	62 500	(5) Tractor-twin-trailer combo can't exceed 25 m. Load carrying surface of rear trlr. can't exceed load carrying surface of lead trlr.
NORTHWEST TERRITORIES	12.5	NS	25	25 (5)	3.2	4.2	9 100	17 000	62 500 (9)	(6) 18 000 kg on trailer or semitrailer tandem.
NOVA SCOTIA	12.5	14.65	23	25	2.6	4.15	9 000	17 000	62 500	(7) These weight limits cover the primary highways from March 1 to November 30. Lesser weight limits apply to secondary and municipal highways. Special "winter" weights apply from December 1 to March 1.
ONTARIO	12.5	16.2	23	23	2.6	4.15	9 000	18 000	63 500	(8) Longer length limits apply to R.T.A.C. vehicles. Contact B.C. for details.
PRINCE EDWARD ISLAND	12.5	16.2	23	23	2.6	4.15	9 100	18 000	62 500	(9) A-train and C-train combination, 53 500 kg.
QUEBEC	12.5	16.2	23 (11)	23	2.6	4.15	10 000	18 000	62 500	(10) A train trailers, 20 m; B or C train trailers, 20 m; overall length, 25m.
SASKATCHEWAN	12.5	16.2 (10)	23	25 (10)	2.6	4.15	9 100 (7)	17 000 (7)	62 500 (7), (9)	(11) A, B & C train doubles allowed to 25 m.
YUKON TERRITORY	12.5	16.2	23	25	2.6	4.2	10 000	19 100	63 500	(12) 16.2 m allowed with limitations.
										NS Not Specified.

INTERSTATE SYSTEM LIMITS

Federal law establishes the following maximum weight limits which states must allow on their portion of the Interstate System: single axle 20,000 lbs.; tandem axle 34,000 lbs.; gross weight 80,000 lbs., (weights include all enforcement tolerances). The maximum gross weight of a vehicle or combination is determined by the formula —

$$W=500 \left[\frac{LN}{N-1} + 12N + 36 \right]$$

where W equals the overall gross weight on any group of two or more consecutive axles to the nearest 500 lbs., L is the distance in feet between the extremes of any group of two or more consecutive axles, and N equals the number of axles in the group under consideration; except that two consecutive sets of tandem axles may carry a gross load of 34,000 lbs. each, provided the overall distance between the first and last axles of such consecutive sets of axles is 36 feet or more.

Other federal provisions are:

*Width: 102 inches.

*Length: States cannot set overall length limits on tractor-semi-trailer or tractor-semi-trailer-trailer combinations.

States must allow tractors with double trailers.

States must allow semi-trailers of at least 48 feet in length, trailers of at least 28 feet in length.

*These dimensions apply only to interstates and federal-aid highways designated by the Federal Highway Administration.

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