

**State of Ohio  
Department of Transportation  
LEGAL DIMENSION LIMITS FOR HIGHWAY VEHICLES**

**MAXIMUM OVERALL DIMENSIONS  
(including any loads)**

Width (except municipal bus or traction engine) . . . . .	8'-6"
Width of municipal bus . . . . .	8'-8"
Width of tractor engine . . . . .	11'-0"
Height (all vehicles) . . . . .	13'-6"
Length of passenger bus operated within municipal corporation . . . . .	48'-0"
Length of other passenger bus type vehicle . . . . .	40'-0"
Length of motor vehicle transporter (plus load overhang of 3'-0" in front and 4'-0" in rear) . . . . .	65'-0"
Length of semitrailer used in a commercial tractor-semitrailer combination . . . . .	53'-0"
Length of semitrailer or full trailer used in a commercial tractor-semitrailer-trailer combination . . . . .	28'-6"
Length of all other vehicles . . . . .	40'-0"
Length of any other combination . . . . .	65'-0"

**MAXIMUM WEIGHTS  
(Pneumatic Tires Only)**

1. On one axle – not to exceed 20,000 lbs.
2. Total on two successive \*axles spaced four feet or less, center to center – not to exceed 24,000 lbs.
3. Total on two successive \*axles spaced in excess of four feet and not more than ten feet apart, center to center, equals 34,000 lbs. plus 1,000 lbs. for each foot, or fraction thereof, over four feet, not to exceed 40,000 lbs. For example:  
     4'1" thru 5'0" 35,000 lbs.  
     9'1" thru 10'0" 40,000 lbs. maximum
4. Total on three successive axles designed to equalize the load on the axles and spaced more than four feet between each axle and not more than nine feet between the first and third axles of the group, center to center, not to exceed 48,000 lbs. when applying Table A below, not to exceed 42,5000 lbs. when applying Table B below.
5. Gross weight limit on any vehicle and load or combination of vehicles and load is as follows:
  - A. Refer to Table A (application to all vehicles)  
Any vehicle or combination of vehicles shall not exceed 38,000 lbs. plus 900 lbs. for each foot of spacing between the front and rear most axles of the vehicle or combination, or 80,000 lbs., whichever is less
  - B. Refer to Table B (applicable to six axle vehicles only)  
A six axle vehicle combination with at least twenty feet of spacing between the front axle and the rear most axle, shall not exceed 54,000 lbs. plus 600 lbs. for each foot of spacing between the front and rear most axles of vehicle combination, or 80,000 lbs., whichever is less
6. Wheel load shall not exceed 650 lbs. per inch width of tire
7. Spacing and weight of axles will vary for each vehicle or combination but all combinations given under "**MAXIMUM WEIGHTS TABLES**" must be complied with.

\*Includes tandem axle configurations

**MAXIMUM ALLOWABLE LOAD FOR VARIOUS DISTANCES CENTER TO CENTER OF EXTREME AXLES (IN FEET)**

FEET	TABLE A POUNDS	TABLE B POUNDS	FEET	TABLE A POUNDS	TABLE B POUNDS	FEET	TABLE A POUNDS	TABLE B POUNDS
3	24,000	....	18	54,200	....	34	68,600	74,400
4	24,000	....	19	55,100	....	35	69,500	75,000
4.5	35,000	....	20	56,000	66,000	36	70,400	75,600
5	35,000	....	21	56,900	66,600	37	71,300	76,200
6	36,000	....	22	57,800	67,200	38	72,200	76,800
7	37,000	....	23	58,700	67,800	39	73,100	77,400
8	38,000	....	24	59,600	68,400	40	74,000	78,000
9	39,000	....	25	60,500	69,000	41	74,900	78,600
10	40,000	....	26	61,400	69,600	42	75,800	79,200
11	47,900	....	27	62,300	70,200	43	76,700	79,800
12	48,800	....	28	63,200	70,800	44	77,600	80,000
13	49,700	....	29	64,100	71,400	45	78,500	80,000
14	50,600	....	30	65,000	72,000	46	79,400	80,000
15	51,500	....	31	65,900	72,600	47	80,000	80,000
16	52,400	....	32	66,800	73,200	48	80,000	80,000
17	53,300	....	33	67,700	73,800			