

**CHAPTER 185. AXLE WEIGHT TABLE**

Sec.	
185.1.	Purpose; authority; application.
185.2.	Definitions.
185.3.	Groups of consecutive axles.
185.4.	Six-axle combinations.
185.5.	Violations.

**Authority**

The provisions of this Chapter 185 issued under the Vehicle Code, 75 Pa.C.S. § 6103, unless otherwise noted.

**Source**

The provisions of this Chapter 185 adopted January 16, 1981, effective January 17, 1981, 11 Pa.B. 355, unless otherwise noted.

**§ 185.1. Purpose; authority; application.**

(a) *Purpose.* This chapter is promulgated to provide drivers and owners of vehicles, enforcement personnel and the courts with a table applying the formula in 75 Pa.C.S. § 4943(b)(1) to the various numbers and spacing of axles which are found on combinations.

(b) *Authority.* This chapter is promulgated under authority of 75 Pa.C.S. § 6103.

(c) *Application.* This chapter applies to all combinations registered in this Commonwealth or any other state at a weight in excess of 73,280 pounds and having a gross weight in excess of 73,280 pounds.

**§ 185.2. Definitions.**

The following words and terms, when used in this chapter, have the following meanings, unless the context clearly indicates otherwise:

*External bridge*—The distance between the center of the steering axle of the towing vehicle and the center of the last axle of the trailer.

*Internal bridge*—The distance between the center of the second axle of the towing vehicle and the center of the last axle of the trailer.

**§ 185.3. Groups of consecutive axles.**

Except as provided in § 185.4 (relating to six-axle combinations) no combination registered and having a gross weight in excess of 73,280 pounds shall be driven on a highway with a weight on any group of consecutive axles in excess of the applicable weight shown on the following table:

**BRIDGE FORMULA TABLE**

For Determining Maximum Axle Weights When Registered  
and Gross Weight Exceed 73,280 Pounds

Center-to-center distance in feet between the first and last axles of any group of 2 or more consecutive axles	Maximum load in pounds carried on any group of 2 or more consecutive axles					
	2 axles	3 axles	4 axles	5 axles	6 axles	7 axles
4.....	34,000					
5.....	35,000					
6.....	36,000					
7.....	37,000					
8.....	38,000	42,000				
9.....	39,000	43,000				
10.....	40,000	43,500				
11.....		44,500				
12.....		45,000	50,000			
13.....		46,000	50,500			
14.....		46,500	51,500			
15.....		47,500	52,000			
16.....		48,000	52,500	58,000		
17.....		49,000	53,500	58,500		
18.....		49,500	54,000	59,500		
19.....		50,500	54,500	60,000		
20.....		51,000	55,500	60,500	66,000	
21.....		52,000	56,000	61,000	66,500	
22.....		52,500	56,500	62,000	67,000	
23.....		53,500	57,500	62,500	68,000	
24.....		54,000	58,000	63,000	68,500	74,000
25.....		55,000	58,500	63,500	69,000	74,500
26.....		55,500	59,500	64,500	69,500	75,000
27.....		56,500	60,000	65,000	70,000	76,000
28.....		57,000	60,500	65,500	71,000	76,500
29.....		58,000	61,500	66,000	71,500	77,000
30.....		58,500	62,000	67,000	72,000	77,500
31.....		59,500	62,500	67,500	72,500	78,000
32.....		60,000	63,500	68,000	73,000	78,500
33.....			64,000	68,500	74,000	79,500
34.....			64,500	69,500	74,500	80,000
35.....			65,500	70,000	75,000	
36.....			68,000	70,500	75,500	
37.....			68,000	71,000	76,000	
38.....			68,000	72,000	77,000	
39.....			68,000	72,500	77,500	
40.....			68,500	73,000	78,000	
41.....			69,500	73,500	78,500	
42.....			70,000	74,500	79,000	
43.....			70,500	75,000	80,000	
44.....			71,500	75,500		
45.....			72,000	76,000		
46.....				77,000		
47.....				77,500		
48.....				78,000		
49.....				78,500		
50.....				79,500		
51 and over.....				80,000	80,000	80,000

AXLE GROUPS IN THESE SPACINGS IMPRACTICAL

All distances shall be measured longitudinally to the nearest foot.

**§ 185.4. Six-axle combinations.**

A combination registered in this Commonwealth or any other state at a weight between 79,001 and 80,000 pounds which has six axles, an external bridge measuring 43 feet or more, and an internal bridge measuring 32 feet or more shall be in compliance with the formula in 75 Pa.C.S. § 4943(b)(1) if the tandem axles of the towing vehicle do not exceed 34,000 pounds and the three axles of the trailer do not exceed 42,500 pounds.

**Cross References**

This section cited in 67 Pa. Code § 185.3 (relating to groups of consecutive axles).

**§ 185.5. Violations.**

A combination driven on a highway with a weight on any axle or group of axles in excess of the allowable weight in this chapter is in violation of 75 Pa.C.S. § 4943(b)(1). The violator shall be subject to the appropriate penalty prescribed in 75 Pa.C.S. § 4945(b) for exceeding the maximum axle weights allowed by section 4943.

[Next page is 187-1.]

185-4

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