

• INTERSTATE BRIDGE FORMULA •

**5577.04 Ohio Revised Code
Paragraph B Reference Chart**

Permissible gross loads for vehicles in regular operation

Based on weight formula $W = 500 \left[\frac{L(N)}{(N-1)} + 12(N) + 36 \right]$

- W = The maximum weight in pounds that can be carried on a group of two or more axles to the nearest 500 pounds.
- L = Spacing in feet between the outer axles of any two or more consecutive axles.
- N = Number of axles being considered.

Maximum load in pounds carried on any group of 2 or more consecutive axles.						
DISTANCE	2 AXLES	3 AXLES	4 AXLES	5 AXLES	6 AXLES	7 AXLES
4	34,000					
5	34,000					
6	34,000					
7	34,000					
8 or less	34,000	34,000				
More than 8	38,000	42,000				
9	39,000	42,500				
10	40,000	43,500				
11		44,000				
12		45,000	50,000			
13		45,500	50,500			
14		46,500	51,500			
15		47,000	52,000			
16		48,000	52,500	58,000		
17		48,500	53,500	58,500		
18		49,500	54,000	59,000		
19		50,000	54,500	60,000		
20		51,000	55,500	60,500	66,000	
21		51,500	56,000	61,000	66,500	
22		52,500	56,500	61,500	67,000	
23		53,000	57,500	62,500	68,000	
24		54,000	58,000	63,000	68,500	74,000
25		54,500	58,500	63,500	69,000	74,500
26		55,500	59,500	64,000	69,500	75,000
27		56,000	60,000	65,000	70,000	75,500
28		57,000	60,500	65,500	71,000	76,500
29		57,500	61,500	66,000	71,500	77,000
30		58,500	62,000	66,500	72,000	77,500
31		59,000	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	79,000
34			64,500	69,000	74,500	80,000
35			65,500	70,000	75,000	
36		Exception	66,000	70,500	75,500	
37		23 U.S.C.	66,500	71,000	76,000	
38		127	67,500	71,500	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	74,000	79,000	
43			70,500	75,000	80,000	
44			71,500	75,500		
45			72,000	76,000		
46			72,500	76,500		
47			73,500	77,500		
48			74,000	78,000		
49			74,500	78,500		
50			75,500	79,000		
51			76,000	80,000		
52			76,500			
53			77,500			
54			78,000			
55			78,500			
56			79,500			
57		Gross Weight Limit	80,000			

Maximum Gross Weight allowed in State of Ohio is 80,000 pounds.