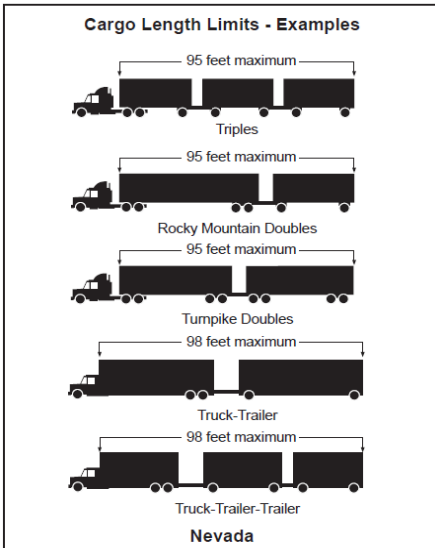


State of Nevada

**INSTRUCTIONS FOR  
MAXIMUM ALLOWABLE WEIGHTS AND LENGTHS**

1. NRS 484.745 and the Federal Bridge Formula prescribe Maximum Load Limits for all vehicle and load axle combinations. NAC 484.440 incorporates all the completed formula calculations into a Maximum Load Table. The table and instructions are available on the NDOT website and at the NDOT Carson City ODV Permits Office.
2. Gross Maximum Load Limit for vehicle combinations of 9 or more axles is 129,000 lbs. Maximum Load Limit on any single axle is 20,000 lbs. and on any tandem axles is 34,000 lbs. Two axles with centers not more than 96 inches apart are considered tandem. In addition, the maximum weight per inch of tire width is 600 lbs. on the steering axle(s) and 500 lbs. on all other axles.
3. NRS 484.739 and NAC 484.360 – 484.370 prescribe Maximum Allowable Lengths. Overall vehicle combination length is not restricted. Cargo body length for a tractor followed by 2 or 3 cargo units cannot exceed 95 ft.. Cargo body length for a truck followed by 1 or 2 cargo units cannot exceed 98 ft.. A cargo unit in excess of 48 ft. of cargo body length cannot be used in combination with any cargo unit in excess of 42 ft. of cargo body length.
4. Determine the gross Maximum Load Limit from the Maximum Load Table using the longest vehicle combination desired and its total number of axles and length (from the steering axle to the last axle). Use the nearest foot; if less than 6” round down; if 6” or greater, round up.
5. The permitted vehicle, cargo and axle combinations may vary as long as the Maximum Allowable Lengths, Permitted Gross Weight, and the gross and axle combination Maximum Load Limits are not exceeded.



**Federal Bridge Formula**  
 **$W = 500 [(LN/N-1) + 12N + 36]$**

- W** = Maximum load in pounds carried on any group of two or more consecutive axles.
- L** = Length in feet between the extremes of any group of two or more consecutive axles.
- N** = Number of axles in the group under consideration. Vehicle combinations in excess of 9 axles are authorized, but must be limited to the 9 axle weights.

For further explanation see:

[http://ops.fhwa.dot.gov/freight/sw/brdgcalf/calc\\_page.htm](http://ops.fhwa.dot.gov/freight/sw/brdgcalf/calc_page.htm)  
<http://www.nevadadot.com/business/trucker/overdimensional/>

## State of Nevada

### MAXIMUM LOAD TABLE

**NAC 484.440 Determination of maximum gross load; distribution of maximum weight.** ([NRS 484.739](#)) No internal group of axles may have a gross load more than that shown by the following table and the maximum weight authorized by the table must be distributed so that the weight on any group of two or more consecutive axles does not exceed the limits prescribed in [NRS 484.745](#):

Distance in ft. Between the Extremes of any Group of Consecutive Axles.	Maximum Load in Pounds Carried on any Group of Consecutive Axles.							
	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles	8 Axles	9 or More Axles
4	34,000							
5	34,000							
6	34,000							
7	34,000							
8	34,000	42,000						
9	39,000	43,000						
10	40,000	43,500						
11	40,000	44,500						
12	40,000	45,000	50,000					
13	40,000	46,000	50,500					
14	40,000	46,500	51,500					
15	40,000	47,500	52,000					
16	40,000	48,000	52,500	58,000				
17	40,000	49,000	53,500	58,500				
18	40,000	49,500	54,000	59,500				
19	40,000	50,500	54,500	60,000				
20	40,000	51,000	55,500	60,500	66,000			
21	40,000	52,000	56,000	61,000	66,500			
22	40,000	52,500	56,500	62,000	67,000			
23	40,000	53,500	57,500	62,500	68,000			
24	40,000	54,000	58,000	63,000	68,500	74,000		
25	40,000	55,000	58,500	63,500	69,000	74,500		
26	40,000	55,500	59,500	64,500	69,500	75,000		
27	40,000	56,500	60,000	65,000	70,000	76,000		
28	40,000	57,000	60,500	65,500	71,000	76,500	82,000	
29	40,000	58,000	61,500	66,000	71,500	77,000	82,500	
30	40,000	58,500	62,000	67,000	72,000	77,500	83,000	
31	40,000	59,500	62,500	67,500	72,500	78,000	83,500	
32	40,000	60,000	63,500	68,000	73,000	78,500	84,500	90,000
33	40,000	60,000	64,000	68,500	74,000	79,500	85,000	90,500
34	40,000	60,000	64,500	69,500	74,500	80,000	85,500	91,000
35	40,000	60,000	65,500	70,000	75,000	80,500	86,000	91,500
36	40,000	60,000	66,000*	70,500	75,500	81,000	86,500	92,500
37	40,000	60,000	66,500*	71,000	76,000	81,500	87,000	93,000
38	40,000	60,000	67,500*	72,000	77,000	82,000	87,500	93,500

Distance in ft. Between the Extremes of any Group of Consecutive Axles.	Maximum Load in Pounds Carried on any Group of Consecutive Axles.							
	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles	8 Axles	9 or More Axles
39	40,000	60,000	68,000	72,500	77,500	83,000	88,500	94,000
40	40,000	60,000	68,500	73,000	78,000	83,500	89,000	94,500
41	40,000	60,000	69,500	73,500	78,500	84,000	89,500	95,000
42	40,000	60,000	70,000	74,500	79,000	84,500	90,000	95,500
43	40,000	60,000	70,500	75,000	80,000	85,000	90,500	96,000
44	40,000	60,000	71,500	75,500	80,500	85,500	91,000	97,000
45	40,000	60,000	72,000	76,000	81,000	86,500	91,500	97,500
46	40,000	60,000	72,500	77,000	81,500	87,000	92,500	98,000
47	40,000	60,000	73,500	77,500	82,000	87,500	93,000	98,500
48	40,000	60,000	74,000	78,000	83,000	88,000	93,500	99,000
49	40,000	60,000	74,500	78,500	83,500	88,500	94,000	99,500
50	40,000	60,000	75,500	79,500	84,000	89,000	94,500	100,000
51	40,000	60,000	76,000	80,000	84,500	90,000	95,000	100,500
52	40,000	60,000	76,500	80,500	85,000	90,500	95,500	101,500
53	40,000	60,000	77,500	81,000	86,000	91,000	96,500	102,000
54	40,000	60,000	78,000	82,000	86,500	91,500	97,000	102,500
55	40,000	60,000	78,500	82,500	87,000	92,000	97,500	103,000
56	40,000	60,000	79,500	83,000	87,500	92,500	98,000	103,500
57	40,000	60,000	80,000	83,500	88,000	93,500	98,500	104,000
58	40,000	60,000	80,000	84,500	89,000	94,000	99,000	104,500
59	40,000	60,000	80,000	85,000	89,500	94,500	99,500	105,000
60	40,000	60,000	80,000	85,500	90,000	95,000	100,500	106,000
61	40,000	60,000	80,000	86,000	90,500	95,500	101,000	106,500
62	40,000	60,000	80,000	87,000	91,000	96,000	101,500	107,000
63	40,000	60,000	80,000	87,500	92,000	97,000	102,000	107,500
64	40,000	60,000	80,000	88,000	92,500	97,500	102,500	108,000
65	40,000	60,000	80,000	88,500	93,000	98,000	103,000	108,500
66	40,000	60,000	80,000	89,500	93,500	98,500	103,500	109,000
67	40,000	60,000	80,000	90,000	94,000	99,000	104,500	109,500
68	40,000	60,000	80,000	90,500	95,000	99,500	105,000	110,500
69	40,000	60,000	80,000	91,000	95,500	100,500	105,500	111,000
70	40,000	60,000	80,000	92,000	96,000	101,000	106,000	111,500
71	40,000	60,000	80,000	92,500	96,500	101,500	106,500	112,000
72	40,000	60,000	80,000	93,000	97,000	102,000	107,000	112,500
73	40,000	60,000	80,000	93,500	98,000	102,500	107,500	113,000
74	40,000	60,000	80,000	94,500	98,500	103,000	108,500	113,500
75	40,000	60,000	80,000	95,000	99,000	104,000	109,000	114,000
76	40,000	60,000	80,000	95,500	99,500	104,500	109,500	115,000
77	40,000	60,000	80,000	96,000	100,000	105,000	110,000	115,500
78	40,000	60,000	80,000	97,000	101,000	105,500	110,500	116,000
79	40,000	60,000	80,000	97,500	101,500	106,000	111,000	116,500
80	40,000	60,000	80,000	98,000	102,000	106,500	111,500	117,000
81	40,000	60,000	80,000	98,500	102,500	107,500	112,500	117,500
82	40,000	60,000	80,000	99,500	103,000	108,000	113,000	118,000
83	40,000	60,000	80,000	100,000	104,000	108,500	113,500	118,500
84	40,000	60,000	80,000	100,000	104,500	109,000	114,000	119,500

Distance in ft. Between the Extremes of any Group of Consecutive Axles.	Maximum Load in Pounds Carried on any Group of Consecutive Axles.							
	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles	8 Axles	9 or More Axles
85	40,000	60,000	80,000	100,000	105,000	109,500	114,500	120,000
86	40,000	60,000	80,000	100,000	105,500	110,000	115,000	120,500
87	40,000	60,000	80,000	100,000	106,000	111,000	115,500	121,000
88	40,000	60,000	80,000	100,000	107,000	111,500	116,500	121,500
89	40,000	60,000	80,000	100,000	107,500	112,000	117,000	122,000
90	40,000	60,000	80,000	100,000	108,000	112,500	117,500	122,500
91	40,000	60,000	80,000	100,000	108,500	113,000	118,000	123,000
92	40,000	60,000	80,000	100,000	109,000	113,500	118,500	124,000
93	40,000	60,000	80,000	100,000	110,000	114,500	119,000	124,500
94	40,000	60,000	80,000	100,000	110,500	115,000	119,500	125,000
95	40,000	60,000	80,000	100,000	111,000	115,500	120,500	125,500
96	40,000	60,000	80,000	100,000	111,500	116,000	121,000	126,000
97	40,000	60,000	80,000	100,000	112,000	116,500	121,500	126,500
98	40,000	60,000	80,000	100,000	113,000	117,000	122,000	127,000
99	40,000	60,000	80,000	100,000	113,500	118,000	122,500	127,500
100	40,000	60,000	80,000	100,000	114,000	118,500	123,000	128,500
101	40,000	60,000	80,000	100,000	114,500	119,000	123,500	129,000
102	40,000	60,000	80,000	100,000	115,000	119,500	124,500	129,000
103	40,000	60,000	80,000	100,000	116,000	120,000	125,000	129,000
104	40,000	60,000	80,000	100,000	116,500	120,500	125,500	129,000
105	40,000	60,000	80,000	100,000	117,000	121,500	126,000	129,000
106	40,000	60,000	80,000	100,000	117,500	122,000	126,500	129,000
107	40,000	60,000	80,000	100,000	118,000	122,500	127,000	129,000
108	40,000	60,000	80,000	100,000	119,000	123,000	127,500	129,000
109	40,000	60,000	80,000	100,000	119,500	123,500	128,500	129,000
110	40,000	60,000	80,000	100,000	120,000	124,000	129,000	129,000
111	40,000	60,000	80,000	100,000	120,000	125,000	129,000	129,000
112	40,000	60,000	80,000	100,000	120,000	125,500	129,000	129,000
113	40,000	60,000	80,000	100,000	120,000	126,000	129,000	129,000
114	40,000	60,000	80,000	100,000	120,000	126,500	129,000	129,000
115	40,000	60,000	80,000	100,000	120,000	127,000	129,000	129,000
116	40,000	60,000	80,000	100,000	120,000	127,500	129,000	129,000
117	40,000	60,000	80,000	100,000	120,000	128,500	129,000	129,000
118	40,000	60,000	80,000	100,000	120,000	129,000	129,000	129,000
119	40,000	60,000	80,000	100,000	120,000	129,000	129,000	129,000
120	40,000	60,000	80,000	100,000	120,000	129,000	129,000	129,000

\* If the four axles are two consecutive sets of tandem axles with a distance of 36 feet or more between the first and last axle, the axles may carry a total weight of 68,000 pounds, but neither tandem axle may carry more than 34,000 pounds.

[Dep't of Transportation, Combination of Vehicles, Procedure and Table of Axles, eff. 5-13-82]—(NAC A 10-17-86; R053-05, 9-7-2005)