The legal gross vehicle weight (GVW) on ND state highways is 105,500 pounds unless otherwise posted. On all other highways the maximum GVW is 80,000 pounds unless designated for more, not to exceed 105,500 pounds.

The legal GVW on the interstate highway system is 80,000 pounds. An interstate permit is required when a vehicle hauling a reducible load exceeds 80,000 pounds GVW. The GVW shall not exceed 105,500 pounds. For more information on the interstate permit visit the NDHP Motor Carrier website.

http://www.nd.gov/ndhp/motor-carrier

"Weight calculator works great."

— Jackie Darr, ND Highway Patrol

For more information, contact:

Leanna Emmer
& Truck Weight Expert
701.220.4595
leanna.emmer@ndsu.edu

Jackie Darr
ND Highway Patrol Permit Office
Truck Weight Expert
701.328.2621
jdarr@nd.gov

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The Truck Weight Calculator is a free app that helps the motor carrier industry, agricultural producers and others determine the maximum legal weight that any set of axles on a vehicle/vehicle combination may carry on ND interstate and state highways. The allowable weight on a vehicle/vehicle combination may increase by either adding additional axles or by increasing the distance between axles.

The formula for the calculator is a weight-to-length ratio. This formula was enacted by Congress and the State to limit the weight-to-length of a vehicle crossing a bridge.

Information required for calculator:
- Total # of axles (Axle Count)
- Number of tires per axle
- Tire width (from tire sidewall reading)
- Distance - linear measurement from axle center to consecutive axle center
- Steering axle rating (Interstate only)

The app features simple picture explanations for intuitive use.

The calculator generates a printable report with truck weight calculation results.

Weight calculations for a vehicle traveling on North Dakota’s state highways and local roads are slightly different from the weight calculations for vehicles traveling on North Dakota’s interstate system.