



NATIONAL IDLING REDUCTION NETWORK NEWS

October 2009

SOLICITATIONS FOR FUNDING AND AWARDS

[Red text indicates a new entry since last month.]

Organization	Project	Funding	Deadline	Website
Allegheny County (Pennsylvania) Health Department	Allegheny County Diesel School Bus Retrofit Program	\$500,000	Rolling deadline until funds are awarded.	http://www.achd.net/air/air.html and go to "School Bus Retrofit Program" on the right side of the screen
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf
Climate Trust	Greenhouse Gas Offset Projects	\$8 million	Rolling deadline until funds are awarded.	http://www.climatetrust.org/apply.html
Efficiency Maine	Small Business Low Interest Loan Program	Indeterminate	Rolling deadline until funds are awarded.	http://www.energymaine.com/business_programs_sblilp.htm
Florida Department of Environmental Protection	Clean Diesel Rebate Program	\$300,000	Rolling deadline until funds are awarded.	http://www.dep.state.fl.us/air/emission/mc/diesel_rebate.htm
North Carolina Division of Air Quality	North Carolina State Auxiliary Power Unit and 2010 Compliant Heavy-Duty Truck Rebate Program	\$517,500	Rolling deadline until the funds are awarded or September 30, 2010	http://www.ncair.org/motor/Rebates/
North Central Texas Council of Governments	Heavy-Duty Vehicle and Equipment Grant Program	\$10.7 million	Rolling deadline until funds are awarded.	http://www.nctcog.org/trans/air/programs/terp/hdvegp/



Organization	Project	Funding	Deadline	Website
Pittsburgh Public Schools, the Heinz Endowments, Clean Water Action, Group Against Smog and Pollution, and the Clean Air Task Force	Pittsburgh Healthy School Bus Fund	\$500,000	Rolling deadline until funds are awarded.	http://www.dieselretrofitrebate.org
Tennessee Department of Environment and Conservation	Idle Smart Clean Diesel Grant Program	\$1.73 million	Rolling deadline until funds are awarded.	http://www.tn.gov/environment/recovery
U.S. Environmental Protection Agency (EPA)	National Clean Diesel Funding Assistance Program, FY2009/2010	~ \$64 million	December 8, 2009	http://www.epa.gov/air/grants_funding.html
EPA	Clean Diesel Emerging Technologies Funding Assistance Program, FY2009/2010	~ \$8 million	December 8, 2009	http://www.epa.gov/air/grants_funding.html
EPA	SmartWay Clean Diesel Finance Program, FY2009/2010	~ \$12 million	December 8, 2009	http://www.epa.gov/air/grants_funding.html
New York State Energy Research and Development Authority (NYSERDA)	Project Implementation Funding for State Energy Program American Recovery and Reinvestment Act (ARRA) Request for Proposals (RFP) 1613	\$74 million	Rounds close on December 21, 2009, and February 16, 2010	http://www.nyserda.org/funding/1613rfp.asp
NYSERDA	School Bus Idling Reduction Program for Westchester, Putnam, and Dutchess Counties	~\$444,000	Rolling (until December 30, 2009)	http://www.nyserda.org/funding/1616pon.asp
NYSERDA	Clean Energy Business Growth & Development Program Opportunity Notice 1260	\$6.4 million	Rounds close on January 6, June 2, and November 3, 2010	http://www.nyserda.org/funding/1260pon.pdf
Ontario (Canada) Ministry of Transportation	Green Commercial Vehicle Program	Can\$2.9 million	March 31, 2012	http://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/AttachDocsPublish/023-05002E~3/\$File/05001-2E_ProgramGuide.pdf



REGULATORY NEWS

Massachusetts Looks Toward 400-lb Exemption, New Truck Idling Law

Another State is moving toward adopting the 400-lb exemption. Sponsored by Massachusetts State Representative Theodore Speliotis, D-Danvers, Bill H3334 would allow trucks with auxiliary power units (APUs) in the Commonwealth to weigh up to an additional 400 pounds as allowed by the Energy Policy Act of 2005. The link <http://www.mass.gov/legis/bills/house/186/ht03/ht03334.htm> provides the text of the bill.

Massachusetts is also considering changes to its idling law. Currently, idling is limited to no more than 5 minutes per hour with a few

exceptions, including: vehicles engaged in the delivery or acceptance of goods, wares, or merchandise for which engine assisted power is necessary and substitute alternate means cannot be made available.” Under the new law, no load/unload location owner shall cause vehicles to idle for a period greater than 30 minutes while waiting to load or unload at a location under their control” and would be subject to fines of not more than \$100 for a first offense and not more than \$500 for a subsequent offense (<http://www.mass.gov/legis/bills/house/186/ht03/ht03641.htm>). Thus, location owners, in addition to drivers, could be fined.

Chicago: 3-Minute Idling Limit for Diesel Vehicles

On October 7, 2009, Chicago passed an ordinance that limits engine idling of a diesel-powered vehicle to no more than 3 minutes in any 60-minute period. Exemptions include, among others, emergency vehicles and any vehicle when the temperature is less than 32°F or greater than 80°F. The penalty for violation is \$250. The new Chicago

ordinance can be found [here](#). The State of Illinois has its own idling regulation, which limits idling to 10 minutes within any 60-minute period, for diesel vehicles weighing more than 8,000 lbs (GVW) and sleepers and vehicles in queue.

Delaware’s Idling-Reduction Regulation to Become Part of SIP

EPA proposes to approve Delaware’s State Implementation Plan (SIP) revision for the purpose of reducing engine idling time for the operation of most heavy-duty motor vehicles in the State, with certain exceptions. On October 8, 2009, EPA issued a direct final rule, –Approval and Promulgation of Air Quality Implementation Plans; Delaware; Regulation To Reduce Idling of Heavy-Duty Vehicles.”

The Agency stated that it is approving Delaware’s SIP submittal as a direct final rule without prior proposal because it considers this to be a noncontroversial submittal and anticipates no adverse comments. The comment period ends November 9, and the rule should be effective December 7. For more information, go to www.epa.gov/fedrgstr/EPA-AIR/2009/October/Day-08/a24187.pdf.



CARB Updates “Truck Stop” Website

CARB’s new truck stop” website has two new links about California’s clean air requirements, including information about its Diesel Regulation Overview Course (Course 512), which covers several new and existing regulations designed to reduce diesel emissions. Also

available is an electronic version of CARB’s Clean Truck, Bus, and Trailer Requirements Brochure. Please visit <http://www.arb.ca.gov/msprog/truckstop/truckstop.htm>.

Philadelphia: Report Illegal Idling by Web

Witnessing illegal idling of trucks or buses in Philadelphia? Now you may use your mobile device to report the violation to <http://idlefreephilly.org/> (or 877-853-1552). The web-based tool uses the free software, SeeClickFix, a community-mapping platform that allows residents to report problems in their neighborhoods to city officials. According to the IdleFreePhilly website, Air Management

Services and the Clean Air Council will receive e-mail notifications, and, if enough information is provided, the city’s clean air agency can issue a ticket. The Clean Air Council will work with communities to address idling hot spots to develop effective means of tackling the problem. In Philadelphia, it’s against the law for a truck or bus to idle for more than 5 minutes.

AWARDS AND RECOGNITION

2009 SmartWay Environmental Excellence Awards

On October, 6, 2009, EPA recognized 37 organizations with SmartWay Transport Partnership Excellence Awards. These awards spotlight freight industry leaders that have made significant contributions to protecting the environment through their participation in the Partnership. Of the winners, 21 have explicit idling-reduction components.

- **Best Buy Co., Inc.**, requires drivers to shut off trucks while loading or unloading on Best Buy property.
- **Bison Transport, Inc.**, purchased APUs for 391 sleeper cabs.
- **C.R. England, Inc.**, invested in logistics solutions that included optimizing down time, resulting in reduced engine idling.
- **Cascade Sierra Solutions** is a clearinghouse for information on fuel-saving strategies, SmartWay-recommended technologies, and lower-interest financing options for equipment purchases, including idling-reduction technologies.
- **Celadon Trucking Services, Inc.**, maintained an aggressive no-idle policy that resulted in idle-time reductions of 19 percent in 2008 compared to 2007.



- **Challenger Motor Freight, Inc.**, is modifying 350 APUs to meet its custom specifications. Its entire fleet is equipped with idling-reduction equipment, including 730 bunk heaters.
- **Covenant Transport, Inc.**, is installing long-term idling-reduction technologies and uses truck stop electrification technology.
- **Georgia-Pacific Consumer Products LP** established an idling-reduction policy at its 12 distribution centers.
- **Gordon Trucking, Inc.**, has more than 500 APUs installed as well as an additional 100 bunk heaters. With the addition of this equipment and closer management of idling, GTI has reduced the amount of main engine idle by more than 50 percent.
- **JCPenney Co.** has an idling-reduction policy at its facilities and at all carrier meetings.
- **Kraft Foods Global, Inc.**, implemented a no-idle policy at its shipping locations.
- **LTI Trucking Services, Inc.**, has idle-reduction equipment for all of its trucks.
- **MacKinnon Transport, Inc.**, administers a driver incentive program offering cash rewards to drivers with low idle time.
- **Menlo Worldwide Logistics** set in place a no-idling policy at all company-managed warehouse sites.
- **Mesilla Valley Transportation** equipped its fleet of 900 tractors with APUs.
- **Quad/Graphics, Inc.**, equipped its entire fleet with APUs, which are set to automatically engage when the engine is shut off. The company has also established a computer-monitored no-idling policy, compliance with which is tied to driver bonuses.
- **Roehl Transport, Inc.**, has idling-control training and incentive programs, which led to a significant decrease in idling in 2008.
- **Schneider National, Inc.**, implemented a programming change in the electronic control module of the engine to manage unavoidable engine idle.
- **Stan Koch & Sons Trucking** equipped its entire fleet with APUs and created a performance incentive plan that pays drivers based on miles per gallon and low idle. The company achieved an overall fuel efficiency of 6.5 miles per gallon.
- **Swift Transportation Co.** invested in 500 SmartWay certified tractors and additional idle-reduction equipment.
- **UPS** employs engine-shutdown technology, or adheres to strict no-idling policies, in its fleet of nearly 85,000 vehicles.

For more information, and to see all of the winners, please click on <http://www.epa.gov/smartway/newsroom/documents/e-update-Award-09.pdf>.

Shore Power at POLB Recognized

On October 2, 2009, Southern California regional air pollution authorities presented the Port of Long Beach (POLB) with an award for becoming the first seaport in the world to construct an oil shipping terminal that offers shore power to improve air quality.

The POLB and BP America officials accepted the honor from the South Coast Air Quality Management District (SCAQMD) at the agency's 21st annual Clean Air Awards" ceremony in Los Angeles.



The awards recognize individuals, organizations, communities, and businesses that have made a significant contribution to cleaner air.

More information is available at <http://www.polb.com/news>.

More Recovery Act Funding Awards Announced

The following table lists EPA and U.S. Department of Energy (DOE) American Recovery and Reinvestment Act (ARRA) funds awarded for which idling-reduction components have been explicitly described. For a complete list of EPA's National Clean Diesel Program awards made

through the Recovery Act, please go to <http://www.epa.gov/otaq/diesel/projnational-aara.htm>. If you have idling-reduction funding award news, please send it to IDLINGREDUCTION@ANL.GOV.

Organization	Purpose of Grant	Total Funding
Alaska Department of Environmental Conservation	Provision of grants for idling-reduction projects	\$1.73 million
Illinois — ComEd	Pilot-project retrofit of ~40 large diesel vehicles with anti-idling technology (direct-fired heaters)	\$253,000
State of Nevada	DOE Energy Efficiency and Conservation Block Grant for multiple energy-efficiency projects, including retrofit of 200 emergency vehicles with idle-reduction technologies	\$9,593,500

UPCOMING MEETINGS, WEBINARS, AND EVENTS

[Red text indicates a new entry since last month.]

Meeting	Location	Date	Website or Contact
CARB: 512 Diesel Vehicle Regulation Overview	Multiple	Multiple	http://www.arb.ca.gov/training/courses.php?course=512
The U.S. Council for Freight Efficiency (organizational meeting)	Chicago, Illinois	November 3, 2009	http://nacfe.org/
South Shore Clean Cities 10th Anniversary Celebration	Horseshoe Casino, Hammond, Indiana	November 12, 2009	http://www.southshorecleancities.org/
Transportation Research Board (TRB) 89th Annual Meeting	Washington, D.C.	January 10–14, 2010	http://www.trb.org/AnnualMeeting/default.asp



Meeting	Location	Date	Website or Contact
Green Truck Summit	St. Louis, Missouri	March 9–12, 2010	http://www.calstart.org/Events/CALSTART-Events/Clean-Heavy-Duty-Vehicle-Conference-Now-Green-Truc.aspx
Alternative Fuels & Vehicles Conference + Expo 2010	Las Vegas, Nevada	May 9–12, 2010	http://www.afv2010.com/
The Government Fleet Expo & Conference (GFX)	Austin, Texas	June 21–23, 2010	http://www.governmentfleetexpo.com/

PRESENTATIONS FROM MEETINGS AND EVENTS

Meeting/Event	Date	Website or Contact
EPA Funding Opportunities for Clean Diesel Projects (Webinar)	October 15, 2009	http://www.epa.gov/region2/sustainability/greencommunities/cleandieselwebinar_10152009.html
SmartWay Clean Diesel Finance FY 2009/2010 RFP (Webinar)	October 20, 2009	http://www.epa.gov/smartway/transport/partner-resources/webinar-schedule.htm#past

PARKING SPACES FOR TRUCKS

Arizona DOT Shuttles Most of Its Rest Stops

In response to a budget shortfall, the Arizona Department of Transportation (DOT) has undertaken a number of cost-cutting measures, including the temporary closure of 13 of its 18 rest areas. The status of these closures will be reassessed in June 2010. For the nearest location for services from each closed rest area, please go to

<http://www.azdot.gov/BudgetRoadmap/RestAreaMap.asp>. Rest areas not operated by Arizona DOT are also shown on this map. For more information, please go to <http://www.azdot.gov/ccpartnerships/News/NRel2397.asp>.



SCHOOL BUSES

First Student Is Fined, Will Implement Anti-Idling Program

As a result of an EPA enforcement action, First Student, Inc., a provider of school bus transportation services headquartered in Cincinnati, Ohio, will implement a national training and management program to prevent excessive idling. Through this program, First Student will train the drivers in its fleet of 50,000 buses to comply with State and local anti-idling regulations and to avoid excessive idling. The company will require supervisors to monitor idling in school bus lots, post anti-idling signs in areas where drivers congregate, and notify the school districts it serves of its anti-idling policy.

EPA's enforcement action addresses illegal idling that occurred in 2008 at school bus lots in Connecticut and Rhode Island. Some buses were observed to idle for up to 2½ -hours before departing to pick up children. As part of the settlement, First Student, Inc., will also pay a fine of \$128,000 and undertake environmental projects valued at more than \$1 million.

For more information, please see

<http://yosemite.epa.gov/opa/admpress.nsf/0/1bf1e67d57168b4a85257656005c6f52?OpenDocument>

ELECTRIFIED PARKING SPACES

North Carolina: New Site for Truckers To Plug In

Big Boy's Truck Stop in Kenly, North Carolina, now has Shorepower electrified parking spaces that will enable up to 24 truck drivers to use electricity, rather than their diesel engines, to power their onboard amenities. To plug into the grid, truckers pay \$1.00 an hour, substantially less than the \$2.50 to \$3.00 in diesel fuel it costs to run the main truck engine for an hour. The setup fee is \$1.00 per use.

The truck stop electrification project is a partnership between Big Boy's Truck Stop, Shorepower Technologies, Progress Energy, and

Advanced Energy. It was made possible through a Clean Fuel Advanced Technology grant, a 3-year, \$2 million initiative of the North Carolina Solar Center at North Carolina State University. Advanced Energy will gather and analyze data from the electrification stations to evaluate the project's success. More information is available at <http://www.reuters.com/article/pressRelease/idUS199627+20-Oct-2009+PRN20091020> and <http://progress-energy.com/aboutus/news/article.asp?id=22682>.
Source: Skip Yeakel, Volvo Trucks North America



REPORTS OF INTEREST

Source	Title	Website or Contact
American Transportation Research Institute (ATRI)	Critical Issues in the Trucking Industry — 2009	www.atri-online.org/2009_Top_Industry_Issues_Report.pdf
Clean Cities Alternative Fuel and Advanced Technology Vehicle Strategy Workshop	Idling Reduction Makes \$ense	http://www1.eere.energy.gov/cleancities/strategyws.html
Clean Cities: Alternative Fuel and Advanced Technology Vehicle Strategy Workshop	Idling: Cruising the Fuel <i>In</i> efficiency Expressway: A Discussion Paper for Clean Cities Coalitions and Stakeholders to Develop Strategies for the Future	http://www1.eere.energy.gov/cleancities/strategyws.html
EPA	Report to Congress: Highlights of the Diesel Emissions Reduction Program	Highlights of the Diesel Emissions Reduction Program (PDF)
National Renewable Energy Laboratory (NREL)	Clean Cities Annual Metrics Report	http://www.trb.org/Main/Public/Blurbs/Clean_Cities_Annual_Metrics_Report_2008_162311.aspx

OTHER NEWS OF INTEREST

EPA Reports to Congress on DERA Benefits

EPA has released its *Report to Congress: Highlights of the Diesel Emissions Reduction Program*, which details the health, environmental, and economic benefits of the Diesel Emission Reduction Act (DERA) Program. The program, funded at \$50 million for FY 2008, enabled the purchase and/or retrofit of 14,000 diesel-powered vehicles and pieces of equipment. According to the EPA, some of the program's benefits include:

- Conserving 3.2 million gallons of fuel annually under the SmartWay Clean Diesel Finance Program (saving operators \$8 million per year);

- Reducing 46,000 tons of nitrogen oxides (NOx) and 2,200 tons of particulate matter (PM) over the lifetime of diesel vehicles; and
- Generating public health benefits between \$500 million to \$1.4 billion.

Now in progress are competitions for FY 2009 clean diesel funding grants totaling more than \$60 million. For more regarding the *Report to Congress*, please visit <http://yosemite.epa.gov/OPA/ADMPRESS.NSF/0/FAC8B5A776FFEF28525764F0059819A>.



Cascade Sierra Solutions Opens Center in Seattle

On October 17, 2009, Cascade Sierra Solutions opened a Green Truck Center near the Port of Seattle. The Center features a clean diesel technology showroom offering new and late-model truck fuel-

efficient equipment options and will act as a clearinghouse for trucking businesses seeking to upgrade their fleet. For more information, please go to <https://secure.cascadesierrasolutions.org/>.

RECURRING FEATURES

How to Find Back Issues of National Idling Reduction Network News

If you are a new subscriber or have misplaced an issue of the newsletter, you may find all issues at http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html. Additionally, a compendium of all previous issues now resides on the site; this pdf file is especially useful for conducting searches of *all* issues of the newsletter.

Please be mindful that web links may expire or move over time and some sources require registration. If you have trouble opening a link, try copying and pasting it, or retype it in the address box of your browser.

Tools Now Available to Calculate Cost of Idling Reduction Equipment

Among the tools available to workplace and truck fleet managers, owner-operators, and locomotive engineers are calculators to help determine the cost and benefits of installing and paying for idling

reduction equipment. Included also is a site from Canada that quantifies the costs of workplace idling. Here are a few sites that might be of benefit to you. Any new entry this month is shown in red.

- Argonne National Laboratory (<http://www.transportation.anl.gov/pdfs/TA/361.pdf>)
- Authotherm (http://www.autothermusa.com/idle_calc.html)
- Cummins (<http://www.cumminscomfortguard.com/offer>)
- DOE Clean Cities program (http://www.afdc.energy.gov/cleancities/ccn/progs/story.php/WHATS_NEW/862/0/A)

- EPA (<http://www.epa.gov/otaq/smartway/calculator/loancalc.htm>)
- Espar (<http://www.espar.com/html/service/calculator/calculator.html>)
- Fraser Basin Council (<http://web.memberclicks.com/mc/page.do;jsessionid=d0301a9>)



[d9869fa88bfd51e50592a377d5d48?sitePagelId=40919&orgId=clcc](http://www.d9869fa88bfd51e50592a377d5d48?sitePagelId=40919&orgId=clcc)

- Kenworth (<http://www.kenworth.com>)
- Kim Hotstart (<http://www.kimhotstart.com/66/>)
- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102>)
- LifeForce (<http://lifeforceapu.com/files/LifeforceCalculator.xls>)
- Natural Resources Canada (<http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idlingimpact-workplace.cfm?attr=16>)

- Teleflex APUs (http://www.teleflexpower.com/tb_idle_calculator_usapu.php)
- Teleflex auxiliary heaters (http://www.teleflexpower.com/tb_idle_calculator_usheater.php)
- Thermo King (<http://www.thermoking.com/tripac/>)
- Webasto (http://www.techwebasto.com/calculators/heater/heater_fuel_calculator_us.htm)

Please let us know if you are aware of other sources that the readers of this newsletter might want to know about.

Summary of State Anti-Idling Regulations

The most up-to-date lists of anti-idling regulations in States and municipalities, updated in August 2009, are available at http://atri-online.org/index.php?option=com_content&view=article&id=164&Itemid=70. If your State or municipality has changed anything listed on this

site or if the information listed is in error, please let us know, and we'll make sure to inform our readership. This newsletter is also a place to let people know that you are thinking of adding or changing regulations and are soliciting comments.

Incentives and Funding Opportunities for Idling Reduction Projects

The DOE Clean Cities program provides a listing of Federal and State programs that offer incentives and funding for idling reduction projects. Further information can be found at http://www.afdc.energy.gov/afdc/progs/fed_summary.php/afdc/US/0
Let us know if the information needs to be changed or updated.

The West Coast Diesel Collaborative has a comprehensive listing of grant and loan programs available from many States to purchase or apply for a loan for on-board idling reduction equipment. For the listing of these programs, please go to <http://westcoastcollaborative.org/programs.htm>.



Clean Cities, SmartWay Websites Show Locations of Electrified Parking Spaces

In collaboration with the U.S. DOT, the DOE Clean Cities program has a website showing the locations of public truck stops that have idling reduction facilities for heavy-duty trucks. These facilities are available in 34 States. CabAire, IdleAire, Shorepower Technologies, and EnviroDock installations are listed in this locator. Please go to http://www.afdc.energy.gov/afdc/progs/tse_listings.php to access that information.

The EPA SmartWay Interactive Activity Map features data from SmartWay Partners, National Transportation Idle-Free Corridors,

National Clean Diesel Campaign Retrofit Projects, School Bus USA projects, ethanol (E-85) and biodiesel fueling stations, State idling laws, and other related data. The maps enable you to visualize the location of projects for specific fuel consumption and pollution reduction projects. The maps also help truck drivers to find the nearest electrified truck stop and help you to find the nearest public alternative-fuel filling station. For more information, please go to http://epamap10.epa.gov/website/irim_us_map.asp.

Status of 400-Pound Weight Exemption for Idling Reduction Devices

[Ed. note: The Energy Policy Act of 2005 allowed for a national 400-pound exemption for the additional weight of idling reduction technology on heavy-duty vehicles. Each State can adopt this exemption, at its own discretion, without being subject to any penalty provision related to withholding of highway trust fund monies.]

The following table is based on one created by the Federal Highway Administration in 2008, and we have updated it as we have become aware of changes. As time permits, URLs will be provided so that interested parties, such as trucking companies, can work with their State trucking associations to make sure that enforcement officials are aware of changes in the laws. Please feel free to provide us with updates.

State Enforcement of 400-Pound Auxiliary Power Unit Exemption to GVW Limit: 23 CFR 658.17(n)						
Alabama	District of Columbia	Kansas	Mississippi	New York	South Carolina	West Virginia
Alaska	Florida	Kentucky	Missouri	North Carolina	South Dakota	Wisconsin
Arizona	Georgia	Louisiana	Montana	North Dakota	Tennessee	Wyoming
Arkansas	Hawaii	Maine	Nebraska	Ohio	Texas	
California	Idaho	Maryland	Nevada	Oklahoma	Utah	
Colorado	Illinois	Massachusetts*	New Hampshire	Oregon	Vermont	
Connecticut	Indiana	Michigan	New Jersey	Pennsylvania	Virginia	
Delaware	Iowa	Minnesota	New Mexico	Rhode Island	Washington	

States in **black** allow the 400-lb weight exemption; States in **gray** do not permit the exemption. *Legislation pending to allow exemption.



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