

Case Study for Anti-Idling Regulations in Madison, WI

	City	Population	Allowable Time Idling	Temp Range Applicable	Fine Amount	Applicable To	Enforced By	Exemptions
Focus of Case Study	Madison, Wisconsin (2007, 1975/1995)	236,901	5 minutes per 1 hour	32° F - 80° F		City Vehicles		<ul style="list-style-type: none"> • Emergency vehicles • Traffic conditions • Power auxiliary equipment • Service or repair
			15 minutes	40° F - 80° F	1st offense: \$20 -\$100 2nd and subsequent offenses: \$50 - \$200	Motor Buses: MGO 12.129(2)	Police Department	<ul style="list-style-type: none"> • When not abutting a residential building
			15 minutes	40° F - 80° F	1st offense: \$10 -\$200 2nd and subsequent offenses: \$25 - \$200 plus towing expense	Large Motor Trucks on State Street: MGO 12.915(7)(f) [Large motor truck means every motor vehicle designed, used or maintained primarily for the transportation of property, which is registered as a double bottom, road tractor, semitrailer, truck tractor, tractor-semitractor combination pursuant to Sec 341.25(2), Wis. Stats., and which has six or more wheels.]	Police Department	<ul style="list-style-type: none"> • Maintenance, construction or public utility vehicles • Emergency vehicles

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Cities closest in size to Madison, Wisconsin	St. Louis, Missouri (2009)	317,419	5 minutes per 1 hour	>32° F	< \$100	All Motor Vehicles		<ul style="list-style-type: none"> • Emergency vehicles or transporting disabled persons <ul style="list-style-type: none"> • Power for auxiliary purposes • Traffic or adverse weather conditions <ul style="list-style-type: none"> • Repair or diagnostics • Engaged in the delivery of goods • When < 32° F, may idle for 10 min/1 hr
	Cleveland, Ohio (2009)	389,521	5 minutes per 1 hour	32° F - 85° F	\$150	All Motor Vehicles	Director of Public Safety may designate appropriate employees to enforce	<ul style="list-style-type: none"> • To prevent a safety or health emergency <ul style="list-style-type: none"> • Traffic conditions/controls <ul style="list-style-type: none"> • Emergency vehicles • Service, repair or safety inspection <ul style="list-style-type: none"> • Power auxiliary equipment • Sleeping or resting in a sleeper berth <ul style="list-style-type: none"> • Mechanical difficulties • Idle reduction technologies • If <32° F or > 85° F can idle for 10 min/hr • At loading docks may idle 10 min/hr
	Salt Lake City, Utah (2011)	190,884	2 minutes	All temperatures	1st offense: Warning; 2nd offense in 1 year: \$160; 3rd and subsequent offenses in 1 year: \$210	All Motor Vehicles	Police and Fire Department Officials	<ul style="list-style-type: none"> • Traffic controls • Heating or cooling if <32° F or >92° F for health/safety reasons <ul style="list-style-type: none"> • Clear windshields • Emergency vehicles • Vehicle inspection • Maintenance or diagnostics • Manufacturers' specifications • Power auxiliary equipment • Recharge hybrid vehicles • Housing service animals
	McKinney, Texas (and a variety of other cities adopting State Administrative codes) (2007)	162,898	5 minutes	All temperatures	< \$500	Motor vehicles > 14,000 GVWR		<ul style="list-style-type: none"> • Traffic conditions • Emergency or law enforcement <ul style="list-style-type: none"> • To perform needed work • Maintenance or diagnostics <ul style="list-style-type: none"> • Defrost windshield • Rented/leased vehicles • Owners of rented/leased vehicles • Hours of Service compliance beyond 2 miles of an available external heat or AC connection <ul style="list-style-type: none"> • Certified Clean Idle label • 30 minutes idling for bus passenger comfort

Cities largest to smallest

City	Population	Allowable Time Idling	Temp Range Applicable	Fine Amount	Applicable To	Enforced By	Exemptions
Chicago, Illinois (2011)	2,722,389	3 minutes per 1 hour	32° F - 80° F	\$250	Diesel-powered motor vehicles	Police officer, traffic control aids, parking enforcement, commissioner of the environment	<ul style="list-style-type: none"> • Emergency vehicles • Power auxiliary equipment • Service or repair or government inspection • Traffic conditions • Idle reduction technologies • Mechanical difficulties • Exhaust filter regeneration
Philadelphia, Pennsylvania (1986, 2003)	1,560,297	2 minutes or 0 minutes for layovers	>32° F	\$300	Diesel powered vehicles > 8,500 lbs GVWR or passenger carrying capacity of 12 + people	Dept of Public Health	<ul style="list-style-type: none"> • 5 minutes if < 32° F • 20 minutes if < 20° F
		5 minutes	> 40° F	\$100	Busses or trucks	Parking Authority	<ul style="list-style-type: none"> • Traffic conditions • Passenger comfort in buses
Detroit, Michigan (2014)	680,250	5 consecutive minutes in 1 hr period	All temperatures	1st = Warning; 2nd = \$150 to operator and/or \$500 to owner	Commercial vehicles exceeding 8,500 lbs GVWR	Police Department	<ul style="list-style-type: none"> • Traffic conditions • Power auxiliary equipment • Emergency vehicles • Motionless for >2 hours & <25° F • State inspections • Hybrid vehicle recharging • Electric, hydrogen, natural gas vehicles • Transportation vehicles loading passengers
Denver, Colorado (2016)	663,862	5 minutes per 1 hour	<20° F for past 24 hrs or <10° F	<\$2,000/violation/day	All Motor Vehicles	Dept of Environmental Health	<ul style="list-style-type: none"> • Emergency vehicles • Traffic conditions • Being serviced • Auxiliary equipment
Washington, D.C.(2015)	658,893	3 minutes	> 32° F	\$500, doubles for each subsequent violation	All Motor Vehicles	Dept of the Environment	<ul style="list-style-type: none"> • 5 minutes idling allowed if <32° F • Power takeoff
Sacramento, California (2004)	485,199	5 minutes per 1 hour	All temperatures	\$100-\$25,000/violation	Motor vehicles > 14,000lbs GVWR, TRUs, off-road equipment with >50hp	City manager or his/her designee	<ul style="list-style-type: none"> • Traffic conditions/control • Inspections, service or repair • Conform to manufacturer's specifications • Power takeoffs involving cargo or work functions • To prevent a safety or health emergency • Hours of service compliance at truck/rest stops • To recharge hybrid electric vehicles • Certified Clean Idle label
Atlanta, Georgia (2016)	463,878	15 minutes	> 32° F	≥ \$500	Trucks and busses		<ul style="list-style-type: none"> • If < 32° F, idling allowed for 25 min • To perform needed work • Traffic conditions • Natural gas or electric vehicles • Commercial passenger comfort
Minneapolis, Minnesota (2008)	407,207	5 minutes per 1 hour	All temperatures	≤ \$700	Diesel-powered motor vehicles	Police Department, Traffic control unit staff, Deputy director of environmental management and safety, environmental and code compliance inspectors etc	<ul style="list-style-type: none"> • Traffic conditions/controls • To prevent a safety or health emergency • Emergency purposes • Maintenance, diagnostics or inspection • Power auxiliary equipment • Occupied armored vehicles • AC or heat during rest period or waiting to load/unload • Mechanical difficulties • In load/unload locations may idle for 30 min. in 1 hr period

Cities largest to smallest

City	Population	Allowable Time Idling	Temp Range Applicable	Fine Amount	Applicable To	Enforced By	Exemptions
New Rochelle, New York (2011)	79,637	3 minutes	All temperatures	1st offense: ≤ \$50 and/or 15 days imprisonment 2nd offense within 18 months - ≤\$100 and/or 45 days imprisonment 3rd and subsequent offenses within 18 months - ≤ \$250 and/or 90 days imprisonment	All Motor Vehicles		<ul style="list-style-type: none"> • Traffic conditions • Comply with passenger comfort laws <ul style="list-style-type: none"> • Auxiliary power or maintenance • Emergency vehicles • Within mines or quarries • Parked for more than 2 hrs in > 25° F <ul style="list-style-type: none"> • State Inspections • Recharging hybrid electric vehicles <ul style="list-style-type: none"> • Farm vehicles • Electric vehicles
Evanston, Illinois (2012)	75,658	5 minutes per 1 hour	All temperatures	\$150	Motor vehicle > 8000 lbs GVWR	Police Department	<ul style="list-style-type: none"> • Traffic control / conditions • Prevent safety or health emergency <ul style="list-style-type: none"> • Emergency vehicles • Mechanical difficulties • To perform work functions • Government inspections <ul style="list-style-type: none"> • Service or repair
Wilmington, Delaware (2010)	71,948	3 minutes	All temperatures	\$35-\$110	Diesel-powered motor vehicles, and drivers of any vehicle owned by US govt, state, county or city	Police Department	<ul style="list-style-type: none"> • Traffic conditions • To perform work functions • State or federal inspections <ul style="list-style-type: none"> • While being repaired • Connecting, detaching or exchanging trailers <ul style="list-style-type: none"> • While using sleeper berth
Burlington, Vermont (2016)	42,211	3 minutes	All temperatures	≤ \$10,000	Motor Vehicles	Traffic Commission and Parking Enforcement	<ul style="list-style-type: none"> • Refrigeration units <ul style="list-style-type: none"> • Repairs • To perform work functions • Health or safety of driver or passengers
Oswego, Illinois (2006)	33,099	10 minutes per 1 hour	32° F - 80° F	\$90 – 1st conviction; \$150 – 2nd & subsequent convictions in 12 month period	Diesel-powered motor vehicles > 8,000 lbs GVWR		<ul style="list-style-type: none"> • 30 minutes within 1 hour when waiting to weigh, load, or unload freight <ul style="list-style-type: none"> • Traffic conditions/controls • Prevent a safety or health emergency • Emergency or law enforcement purposes • Service, repair, or government inspection • Power takeoffs involving cargo or work functions <ul style="list-style-type: none"> • Resting in a sleeper berth <ul style="list-style-type: none"> • Mechanical difficulties <ul style="list-style-type: none"> • Queuing • Idle reduction technologies
Owatonna, Minnesota (1992)	25,625	15 minutes per 5 hours	All temperatures	< \$1,000	All Motor Vehicles	Police Department	<ul style="list-style-type: none"> • Outside residential areas
Maple Heights, Ohio (2009)	22,735	5 minutes per 1 hour	32° F - 85° F	\$150	All Motor Vehicles	Director of Public Safety may designate appropriate employees to enforce	<ul style="list-style-type: none"> • Prevent safety or health emergency • Traffic conditions/controls <ul style="list-style-type: none"> • Emergency vehicles • Service or repair • Vehicle safety inspection • Power auxiliary equipment • Sleeping or resting in a sleeper berth <ul style="list-style-type: none"> • Mechanical difficulties • Idle reduction technologies • If >32° F or > 85° F can idle for 10 min/hr • At loading docks may idle 10 min/hr

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Cities largest to smallest	South Euclid, Ohio (2009)	21,869	0 minutes	32° F - 85° F	\$50 – 1st conviction \$150 – 2nd & subsequent conviction in 12-month period	All Motor Vehicles	Director of Public Safety	<ul style="list-style-type: none"> Traffic conditions/controls Prevent safety or health hazard <ul style="list-style-type: none"> Emergency vehicles Service, repair or safety inspection <ul style="list-style-type: none"> Power auxiliary equipment Sleeping or resting in a sleeper berth <ul style="list-style-type: none"> Mechanical difficulties Idle reduction technologies <ul style="list-style-type: none"> Queuing 20 min/hr limit for loading/unloading
	Ashland, Oregon (2010)	20,684	5 minutes	All temperatures	Not >\$500 or 60 days imprisonment	All Motor Vehicles	Not stated	<ul style="list-style-type: none"> Traffic conditions Power equipment to load or unload Emergency, utility, construction and maintenance vehicles to power work-related functions
	Auburn, California (2004)	13,960	5 minutes	All temperatures	\$50 minimum for first offense, \$100 minimum for second offense	Diesel fueled commercial vehicles > 26,000 lbs GWVR , TRU engines, and off-road diesel powered equipment over 70 hp	Local air pollution control or air quality management district and/or any peace officer	<ul style="list-style-type: none"> Traffic conditions/control Safety inspection, service or repair Conform to manufacturer's specifications Power takeoffs involving cargo or work functions Prevent safety or health emergency Hours of Service compliance at truck/rest stop To recharge hybrid electric vehicles Operate intermittent equipment <ul style="list-style-type: none"> Alternatively fueled vehicles <ul style="list-style-type: none"> Attainment areas Certified Clean Idle label
	Park City, Utah (2010)	80,858	1 minutes	All temperatures	Warnings – 1st – 3rd offenses; \$30 - \$110 – 4th & subsequent offenses	All Motor Vehicles	Police and Parking Services departments and an idling complaint form	<ul style="list-style-type: none"> Traffic conditions Emergency situations Power auxiliary equipment <ul style="list-style-type: none"> Repair or inspection <ul style="list-style-type: none"> Health or safety Manufacturers' specifications <ul style="list-style-type: none"> Safety reasons
	Aspen, Colorado (1992)	6,805	5 minutes in 1 hour	All temperatures	> \$1,000	All Motor Vehicles	Police Department	<ul style="list-style-type: none"> To achieve 120° F engine temp and 100 lbs/sq in air pressure
	Vail, Colorado (1999)	5,328	20 minutes	All temperatures	< \$2,650	Busses, trucks or any motor vehicle of any kind whatsoever	Police Department	<ul style="list-style-type: none"> Refrigeration vehicles
	Sarasota Springs, New York (2013)	5,661	5 minutes	All temperatures	≤ \$250	All Motor Vehicles	Police Officer or agency authorized by the Common Council	<ul style="list-style-type: none"> Traffic conditions To perform work functions <ul style="list-style-type: none"> Maintenance Recharge hybrid vehicle batteries Emergency vehicles
	Ketchum, Idaho (2009)	2,729	3 minutes per 1 hour	All temperatures	\$25	All vehicles on public property and private lots with public access	Police Department	<ul style="list-style-type: none"> Traffic control / conditions Vehicle inspections Service or repair To perform work functions Prevent safety or health emergency <ul style="list-style-type: none"> Recharge hybrid batteries Operate equipment which runs intermittently <ul style="list-style-type: none"> Emergency vehicles