

DRAFT

State Profile and Data Sheet



EPA Non-Attainment Counties:
De Soto

Mississippi Demographic Information:

Total Population:	2.99 Million
Growth Rate (since 2001):	4%
Largest Populated Counties:	
Hinds	248,149
Harrison	193,702
DeSoto	166,317
Rankin	145,173
Square Miles:	48,434
College Degree (Bachelors or higher):	20.1%
Economic Indicators:	
Total Civilian Labor Force:	1,262,700
Current Unemployment:	6.6%
State GDP (nominal):	\$105.163 billion (2013)
Latest GDP Growth Estimate:	3.56%
% of U.S. GDP:	.62%
GDP Per Capita:	\$34,873
Income Per Capita:	\$20,156

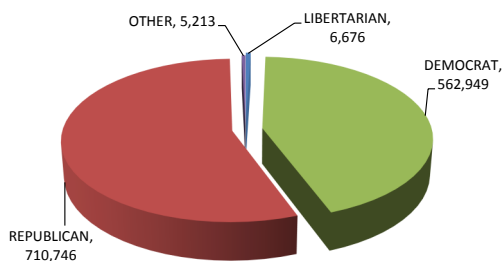
Mississippi CMAQ Funding:

\$11,208,483

Mississippi Political Landscape:

Mississippi 2012 Presidential Election Results

http://sos.ms.gov/elections/electionresults.aspx/elections_results_2012_general.aspx



State Governor:	Phil Bryant (R)
Majority Leader—Senate:	Giles Ward (R)
Majority Leader—House:	Greg Snowden (R)
Senate President:	Tate Reeves (R)
House Speaker:	Philip Gunn (R)

U.S. Senators:

Thad Cochran (R)	Roger Wicker (R)
------------------	------------------

U.S. Representatives by District:

Trent Kelly (R) - 1st	Gregg Harper (R) - 3th
Bennie Thompson (D) - 2nd	Steven Palazzo (R) - 4th

Mississippi Department of Transportation:

Executive Director—Melinda McGrath, P.E
Planning Director/LCMAQ: Jeff Ely

Committees of Note:

Energy:

Angela Cockerham (D) H
Terry C. Burton (R) S

Ways and Means/Appropriations:

Jeffrey C. Smith (R) H
Eugene S. Clarke (R) S

Transportation:

Robert L. Johnson III (D) H
Willie Simmons (D) S

Transportation Commission:

Northern—Mike Tagert
Central—Dick Hall
Southern—Tom King

Mississippi State Legislative Landscape:

- ◆ In May, 2015 The Tennessee Valley Authority purchased the 700-megawatt natural gas plant in Ackerman, Mississippi.
- ◆ Energy giant Kinder Morgan filed with the US Federal Energy Regulatory Commission (FERC) for approval to build an \$8 billion LNG export project near Pascagoula, Mississippi.
- ◆ In April 2010, the Mississippi Legislature enacted HB 1701, establishing the Mississippi Clean Energy Initiative. This program provides an incentive for companies that manufacture systems or components used to generate renewable energy, including biomass, solar, wind and hydro generation. Alternative energy manufacturers, including manufacturers of components used in nuclear power plants, are also eligible for this incentive.
- ◆ State media widely reported a natural gas pipeline explosion at the Ross Barnett Reservoir in Mississippi in January, 2015, causing a massive fire but no injuries.

State Legislators with a Stake: (Have introduced AFV bills)

Mark Baker [R] H	Terry Burton [R] S
Gary Staples [R] H	Dean Kirby [R] S
John Moore [R] H	
Randy Boyd [R] H	
Brad Mayo [R] H	

12 AFV Bills Proposed in 2015 (1 Passed):

HB-443—An Act to Provide That Liquefied Natural Gas Used As Motor Fuel Shall Be Sold In Diesel Gallon Equivalents, And Compressed Natural Gas Used As Motor Fuel Shall Be Sold In Gasoline Gallon Equivalents; And For Related Purposes. DGE of 6.06 lbs. for LNG and GGE of 5.66 pounds for CNG for purpose of method of sale.

7 AFV Bills Proposed in 2014 (3 Passed)

HB-1590—Amends motor fuel taxes so that LNG tax is 18 cents per DGE of 6.06 lbs. of LNG. Currently rates for CNG and LNG are per 100 cubic feet.

HB-1622—Authorizes the Chickasawhay Natural Gas District to build fueling infrastructure to provide compressed natural gas to the public and private users.

SB-2521—Amends the existing energy performance savings contract authority to extend such agreements to the purchase of alternative fuel vehicles and related fueling equipment.

Mississippi DFA—Bureau of Fleet Management:

Fleet Management Directors—Wayne Cranford & Monica Ritchie

Mississippi Development Authority:

Alternative Fuel/School Bus —Terrence Spears

Alternative Fuels - <https://www.mississippi.org/home-page/business-services/energy-natural-resources/alternative-energy/>

Mississippi Transportation Profile:



2011 Mississippi Public Road Length (75,181 miles):

Interstate Highways:	700	Collectors:	15,540
Arterials:	7,628	Local:	51,313

Fueling Stations:	Mississippi	Total U.S.
Gasoline:	1,966	156,065 (2.16%)
CNG/LNG: (Public stations in Blue)	8/1	1,672 (3.35%)
Diesel	1,233	

Mississippi Freight Statistics (Trucking—2012):

	Value (\$M)	Within State	From Other	To Other
Domestic:	\$40,805	86.29%	\$49,411	72.22%
Import:	\$466	6.02%	\$1,627	81.76%
Export:	\$333	58.53%	\$3,527	62.46%
			\$628	86.28%
	Weight (kt)	Within State	From Other	To Other
Domestic:	103,729	88.24%	34,673	47.73%
Import:	1,248	9.07%	908	78.55%
Export:	2,072	70.92%	1,266	33.49%
			815	83.57%

Mississippi Vehicles and Markets:

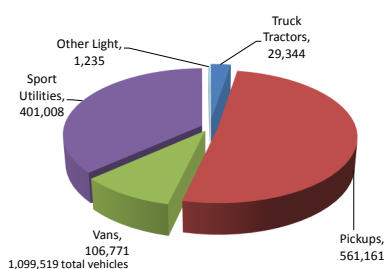
Offers Incentives for NGVs / Stations:	Energy Equivalency Excise Tax:	DGE and GGE Definitions:	Weight Limit Exemptions for NGVs:
Yes	Yes	Yes	No

AFV Incentives: Alternative Fuel Vehicle Revolving Loan Program

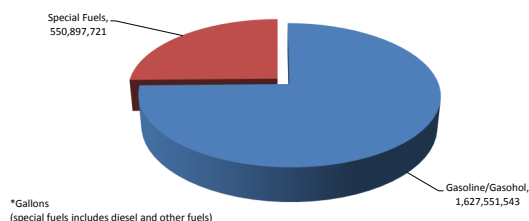
AFV Use in Government: Fuel-Efficient and Alternative Fuel Vehicle Use, NGV Production Support and Procurement

Market Potential:

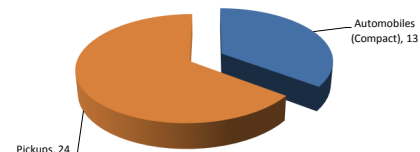
Mississippi Truck Registrations 2013



Mississippi Motor Fuel Use* - 2013



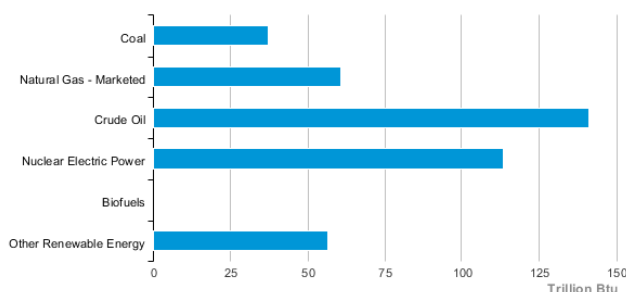
Natural Gas Vehicles in Mississippi



- ◆ 606,000 Class 3-8 Truck Sales in the United States in 2013—Mississippi registered 29,344 truck tractors in 2013
- ◆ 2011 Natural Gas Vehicles in Mississippi—7
- ◆ 2011 Natural Gas Consumption—Vehicle Fuel—37 (Thousand GEG)

Mississippi Energy Production:

Mississippi Energy Production Estimates, 2013



eia Source: Energy Information Administration, State Energy Data System

Mississippi's Energy Production Facts:

- ◆ The Gulf Liquefied Natural Gas terminal at Pascagoula, Mississippi was designed to send imported natural gas by pipeline to users throughout the South. Plans to add liquefaction and export capabilities are being pursued.
- ◆ As of January 2014, the Pascagoula oil refinery and a Texas refinery were tied for the 10th-largest refinery by capacity in the United States. The Pascagoula refinery is able to process 330,000 barrels of crude oil per calendar day.
- ◆ The 1,251 megawatt Grand Gulf nuclear power plant, near Port Gibson along the Mississippi River, generated nearly 19% of Mississippi's electricity in 2014.
- ◆ Mississippi's one ethanol plant can produce 54 million gallons of biofuel annually, equal to nearly 0.4% of total U.S. ethanol production capacity.
- ◆ Mississippi generated 2.7% of its electricity from renewable energy resources during 2014, with wood and wood waste accounting for almost all of the state's renewable electricity generation.