

PROPOSED PROJECT

Model Output: Off-Road Web Query (v1.1.0) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2027

Scenario: All Adopted Rules - Exhaust

<- Construction Start Year

Vehicle Classification: Off-Road Web Query Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Class	MidYr	HP_Bin	Fuel	Fuel Consumption	Horsepower Hours	Fuel Rate
Riverside (SC)	2027	Construction and Mining - Rubber Tired Dozers	Aggregate	Aggregate	Diesel	148037.3169	3123192.482	0.047399357
Riverside (SC)	2027	Construction and Mining - Tractors/Loaders/backhoes	Aggregate	Aggregate	Diesel	3913505.62	7322016.04	0.053447116
Riverside (SC)	2027	Construction and Mining - Graders	Aggregate	Aggregate	Diesel	589853.399	11347255.86	0.05198203
Riverside (SC)	2027	Construction and Mining - Excavators	Aggregate	Aggregate	Diesel	3558078.377	77421504.94	0.051123495
Riverside (SC)	2027	Construction and Mining - Scrapers	Aggregate	Aggregate	Diesel	1535016.51	31909902.08	0.048104708
Riverside (SC)	2027	Industrial - Forklifts	Aggregate	Aggregate	Diesel	294989.4573	5520013.118	0.053439992
Riverside (SC)	2027	Light Commercial - Misc - Generator Sets	Aggregate	Aggregate	Diesel	166189.0943	1840837.35	0.090279076
Riverside (SC)	2027	Construction and Mining - Misc - Cranes	Aggregate	Aggregate	Gasoline	989.15	20797.7	0.047560548
Riverside (SC)	2027	Light Commercial - Misc - Welders	Aggregate	Aggregate	Diesel	169530.6989	5027597.6	0.033720021
Riverside (SC)	2027	Construction and Mining - Pavers	Aggregate	Aggregate	Diesel	256557.9759	4968888.962	0.051632866
Riverside (SC)	2027	Construction and Mining - Paving Equipment	Aggregate	Aggregate	Diesel	283905.6732	5537195.654	0.051272466
Riverside (SC)	2027	Construction and Mining - Rollers	Aggregate	Aggregate	Diesel	689120.2322	12889994.21	0.05346164
Riverside (SC)	2027	Light Commercial - Misc - Air Compressors	Aggregate	Aggregate	Diesel	31594.12264	1025569.7	0.030806412
Riverside (SC)	2027	Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	Aggregate	Diesel	1833.89	43602.9	0.0420589
Riverside (SC)	2027	Construction and Mining - Misc - Crawler Tractors	Aggregate	Aggregate	Diesel	1252182.309	24837108.74	0.050415784
Riverside (SC)	2027	Construction and Mining - Off-Highway Trucks	Aggregate	Aggregate	Diesel	1651346.721	33932045.09	0.048666289

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2027

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	VMT	Fuel Consumption	Fuel Rate
Riverside (SC)	2027	MHDT	Aggregate	Aggregate	Diesel	181249731.6	19980.52753	9.07
Riverside (SC)	2027	HHDT	Aggregate	Aggregate	Diesel	631378308.3	99416.30094	6.35

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2027

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	VMT	Fuel Consumption	Fuel Rate
Riverside (SC)	2027	LDA	Aggregate	Aggregate	Gasoline	7063006257	224272.4257	31.49
Riverside (SC)	2027	LDT1	Aggregate	Aggregate	Gasoline	505442584.4	19433.42806	26.01
Riverside (SC)	2027	LDT2	Aggregate	Aggregate	Gasoline	3266711259	125014.4027	26.13

COUNTY CONSUMPTION

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: San Bernardino

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

50/25/25 Splits

28.78

