

Source of emissions sector data for the 12-km 12WUS2 and 36-km US domains for the WRAP current Representative Baseline (RepBase), 2028OTBa, and new 2028OTBa2 modeling scenarios.

Source Sector	RepBase *	2028 OTBa	new 2028OTBa2
California All Sectors 12WUS2	CARB-2014v2	CARB-2028	CARB-2028
WRAP Fossil EGU w/ CEM	WRAP-RB-EGU	WRAP-2028-EGU ¹	WRAP-2028-EGU ¹
WRAP Fossil EGU w/o CEM	WRAP-RB-EGU	WRAP-2028-EGU	WRAP-2028-EGU
WRAP Non-Fossil EGU	EPA-2016v1	EPA-2028v1	EPA-2016v1
Non-WRAP EGU	EPA-2016v1	EPA-2028v1	EPA-2016v1
O&G WRAP O&G States	WRAP-RB-O&G	WRAP-2028-O&G	WRAP-2028-O&G ²
O&G WRAP Other States	EPA-2016v1	EPA-2028v1	EPA-2016v1
O&G non-WRAP States	EPA-2016v1	EPA-2028v1	EPA-2016v1
WRAP Non-EGU Point ³	WRAP-2014v2	EPA-2028v1	WRAP-2014v2 ³
Non-WRAP non-EGU Point	EPA-2016v1	EPA-2028v1	EPA-2016v1
On-Road Mobile 12WUS2	WRAP-2014v2	WRAP-2028-Mobile	WRAP-2028-Mobile
On-Road Mobile 36US	EPA-2016v1	EPA-2028v1	EPA-2028v1
Non-Road 12WUS2	EPA-2016v1	WRAP-2028-Mobile	WRAP-2028-Mobile
Non-Road non-WRAP 36US	EPA-2016v1	EPA-2028v1	EPA-2028v1
Other (Non-Point) 12WUS2	EPA-2016v1 *	EPA-2028v1	EPA-2014v2 or EPA-2016v1 *
Other (Non-Point) 36US	EPA-2016v1 *	EPA-2028v1	EPA-2014v2 or EPA-2016v1 *
Can/Mex/Offshore 12WUS2	EPA-2016v1	EPA-2028v1	EPA-2016v1
Fires (WF, Rx, Ag) ³	WRAP-RB-Fires	WRAP-RB-Fires	WRAP-RB-Fires
Natural (Bio, etc.)	WRAP-2014v2	WRAP-2014v2	WRAP-2014v2
Boundary Conditions (BCs)	WRAP-2014-GEOS	WRAP-2014-GEOS	WRAP-2014-GEOS

1. WRAP-RepBase-EGU had updates from 2014v2 provided by WRAP states, and then for 2028OTBa and 2028OTBa2, more state-provided updates were/will be used.
2. WRAP-2028-O&G for 2028OTBa2 has corrections for duplicates and lowered pointed projections from WRAP states
3. WRAP-2014v2 Non-EGU Point was then used in RepBase and had updates from WRAP states, as well as WRAP-state provided updates will be applied for 2028OTBa2 for specific sources identified by individual states.

Highlights in the new 2028OTBa2 column are proposed changes for sector input files from what was used in 2028OTBa.

* - pending review by states of 2014v2/RepBase/2028OTBa workbook with respect to changes in the 12WUS2 domain portion for the 2014v2 (not shown) to RepBase data inputs, we may need to re-run RepBase, so could/would re-set to EPA-2014v2 or stay with 2016v1 for non-point sources, and may affect non-EGU and EGU point sources as well.