

Status of newly submitted Oil and Gas Inventory data from WRAP and CARB

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WRAP Inventory and ancillary data submitted

- 2014 Baseline inventory for 7 WRAP states for nonpoint and point sources
- New speciation profiles and cross-reference files
- New gridding surrogates and cross-reference files
- Future year inventory for 6 WRAP states for nonpoint and point sources
 - Missing Colorado; will submit Colorado inventory soon

WRAP Inventory 2014 Baseline issues to be resolved

- Fixing duplicate emission sources issue
- Couple of latitude-longitude-FIPS fixes possible
- Taking steps to ensure no double counting (checking ptnonipm sector)
- Fallback gridding surrogate needs to be used
- Specific speciation profiles/cross-references to be determined and formatted for SMOKE model

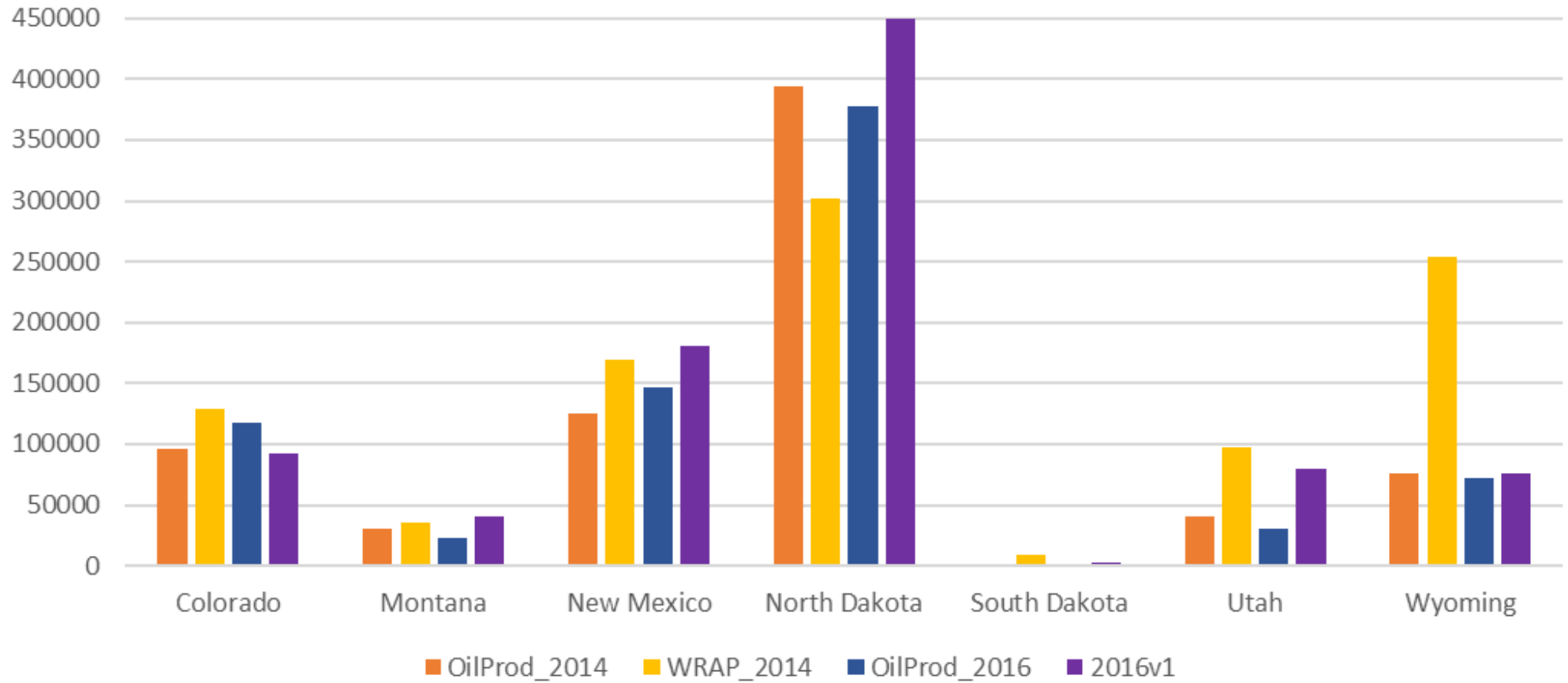
VOC emissions: 2016v1 vs. WRAP 2014 Baseline

state	poll	2016v1	WRAP_2014	WRAP-2016v1 diff	% diff
Colorado	VOC	107,277	137,356	30,079	28.0%
Montana	VOC	41,543	36,912	-4,632	-11.1%
New Mexico	VOC	183,813	185,269	1,456	0.8%
North Dakota	VOC	451,634	304,083	-147,551	-32.7%
South Dakota	VOC	2,291	9,449	7,158	312.4%
Utah	VOC	79,130	112,485	33,355	42.2%
Wyoming	VOC	81,065	264,821	183,756	226.7%
TOTAL	VOC	946,753	1,050,374	103,622	10.9%

NOX emissions: 2016v1 vs. WRAP 2014 Baseline

state	poll	2016v1	WRAP_2014	WRAP-2016v1 diff	% diff
Colorado	NOX	61,213	43,983	-17,231	-28.1%
Montana	NOX	3,584	7,231	3,647	101.8%
New Mexico	NOX	42,891	81,188	38,297	89.3%
North Dakota	NOX	20,143	67,526	47,383	235.2%
South Dakota	NOX	532	920	389	73.1%
Utah	NOX	10,937	16,379	5,442	49.8%
Wyoming	NOX	25,732	46,171	20,440	79.4%
TOTAL	NOX	165,032	263,398	98,366	59.6%

State VOC emissions vs Oil Production



CARB Inventory data submitted in October

- Non-point oil and gas inventory datasets
- Includes a year 2023 and year 2028 inventory dataset
- Will begin review soon
- No ancillary data provided (surrogates, speciation)
 - Will use 2016v1 modeling platform data