


From: Herron-Thorpe, Farren (ECY) fher461@ECY.WA.GOV 
Subject: RE: 2011 NEI vs 2014 NEI
Date: July 23, 2018 at 9:10 AM
To: Higgin, Roslyn, NMENV Roslyn.Higgin@state.nm.us, Rodger.Ames@colostate.edu
Cc: Moore, Tom tmoore@westar.org



Rodger,

Can you please add NM's comment in the wiki regarding NEI review? I think the highlighted text here would be sufficient:

EPA's change in methodology from 2011 to 2014 reduced road dust emissions by ~50%. In 2014, VMT was obtained from a MOVES run instead of an NMIM run, and separated into paved and unpaved values based on census-region level ratios.

Thanks

Farren L. Herron-Thorpe
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Email: farren.herron-thorpe@ecy.wa.gov

From: Higgin, Roslyn, NMENV [mailto:Roslyn.Higgin@state.nm.us]
Sent: Monday, July 23, 2018 6:42 AM
To: Herron-Thorpe, Farren (ECY) <fher461@ECY.WA.GOV>
Subject: RE: 2011 NEI vs 2014 NEI

Farren,

I would like to add the below information to the comments under NM in the WIKI.

Onroad dust was the outlier, everything else looked fine.
The change in methodology reduced the emissions by about half. I would like to add this comment.

It was also mentioned in the last meeting that we would probably add this topic to this week's meeting.

I thought the email below from EPA—Rhonda would be helpful.

Is there a way I can add the comment, or should I submit the comment to Roger or you?

Hope you had a good weekend. It reached 102 in ABQ yesterday!

Roslyn

Roslyn Higgin
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From: Herron-Thorpe, Farren (ECY) <fher461@ECY.WA.GOV>

Sent: Monday, July 09, 2018 12:12 PM

To: Higgin, Roslyn, NMENV <Roslyn.Higgin@state.nm.us>

Cc: Tom Moore <tmoore@westar.org>

Subject: RE: 2011 NEI vs 2014 NEI

Did Rhonda flip the years? This seems opposite to what you pointed out.

-Farren

From: Higgin, Roslyn, NMENV [<mailto:Roslyn.Higgin@state.nm.us>]

Sent: Monday, July 09, 2018 10:01 AM

To: Herron-Thorpe, Farren (ECY) <fher461@ECY.WA.GOV>

Cc: Tom Moore <tmoore@westar.org>

Subject: FW: 2011 NEI vs 2014 NEI

This is the response from EPA about the difference in 2011v2 and 2014 v2 onroad dust in NM.

It might be helpful for other states who mentioned this in the last meeting.

Roslyn

From: Thompson, Rhonda [<mailto:Thompson.Rhonda@epa.gov>]

Sent: Monday, June 25, 2018 2:21 PM

To: Higgin, Roslyn, NMENV <Roslyn.Higgin@state.nm.us>

Cc: Mason, Rich <Mason.Rich@epa.gov>

Subject: RE: 2011 NEI vs 2014 NEI

Hey Roslyn,

I get the following totals for the unpaved road SCC for NM from EIS.

state	fips state code	scc	pollutant code	emissions uom	2011v2	2014v2
NM	35	2296000000	PM25-PRI	TON	73,491.57	35,225.57

NM	35	2296000000	PM10-PRI	TON	738,614.55	353,994.11
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The following changes were made to the 2011 methodology:

h. Changes from 2011 Methodology

The methodology contains several adjustments from the methodology used to compose the 2011 version. This is due in part to differences in data sources used to compile the inventory. In 2014, VMT was obtained from a MOVES run instead an NMIM run, and separated in paved and unpaved values based on census-region level ratios. Emissions were also redistributed based on rural and "like-rural" county population.

Hope this helps.

Rhonda

From: Mason, Rich
Sent: Tuesday, June 12, 2018 9:31 AM
To: Thompson, Rhonda <Thompson.Rhonda@epa.gov>
Subject: RE: 2011 NEI vs 2014 NEI

Hi Rhonda,

Could you please follow up on this and cc me on your response? This is not related to a precipitation adjustment, since this is in 2014v2 and also in 2011v2 though in a more-simplified manner.

Thanks!

From: Ryan, Ron
Sent: Tuesday, June 12, 2018 9:25 AM
To: Higgin, Roslyn, NMENV <Roslyn.Higgin@state.nm.us>
Cc: Mason, Rich <Mason.Rich@epa.gov>
Subject: RE: 2011 NEI vs 2014 NEI

Hi Roslyn,
Rich may be able to help you.

Ron

From: Higgin, Roslyn, NMENV [<mailto:Roslyn.Higgin@state.nm.us>]
Sent: Tuesday, June 12, 2018 9:17 AM
To: Ryan, Ron <Ryan.Ron@epa.gov>
Subject: 2011 NEI vs 2014 NEI

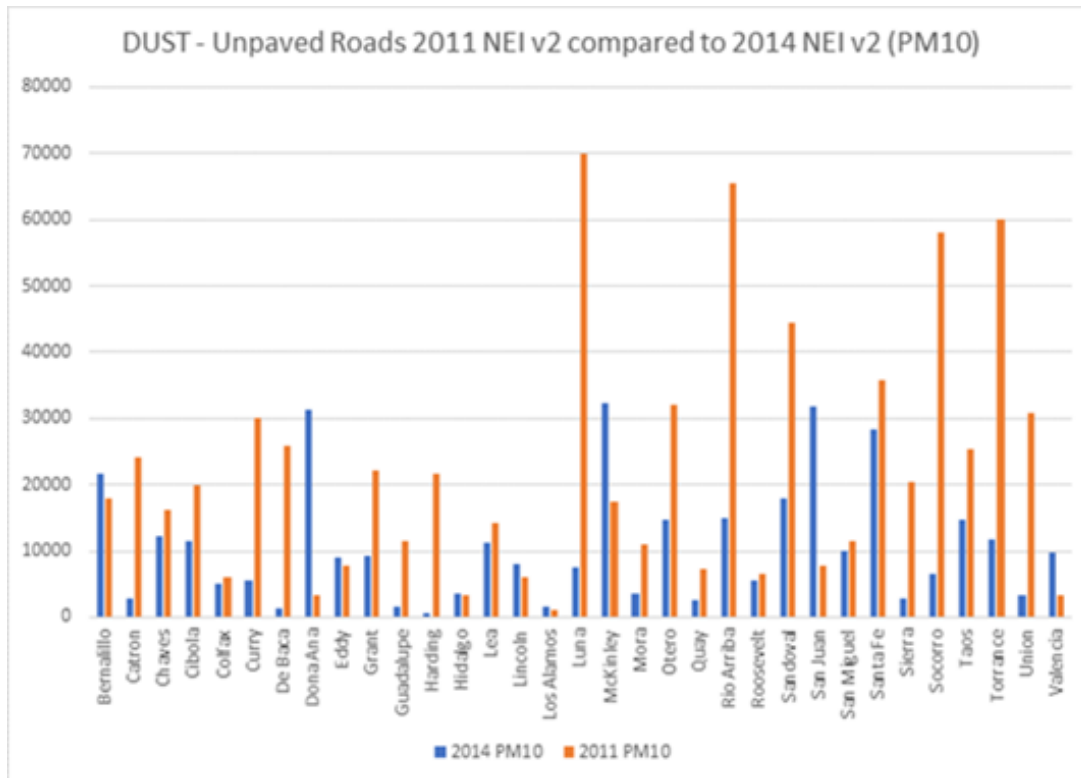
Ron,

AQB is reviewing Unpaved Roads (DUST) for the two referenced years and have noticed quite a difference.

Since ABQ does not submit the data to EPA, can you explain why there is such a difference in TPY for the two NEI years. Is there a difference in the calculation used to determine the dust from unpaved roads in the two NEIs or was the same calculation/formula used?

NEI 2011v2 -- ~350,000 tpy dust from unpaved roads

NEI 2014v2 -- >750,000 tpy dust from unpaved roads



Regards,

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