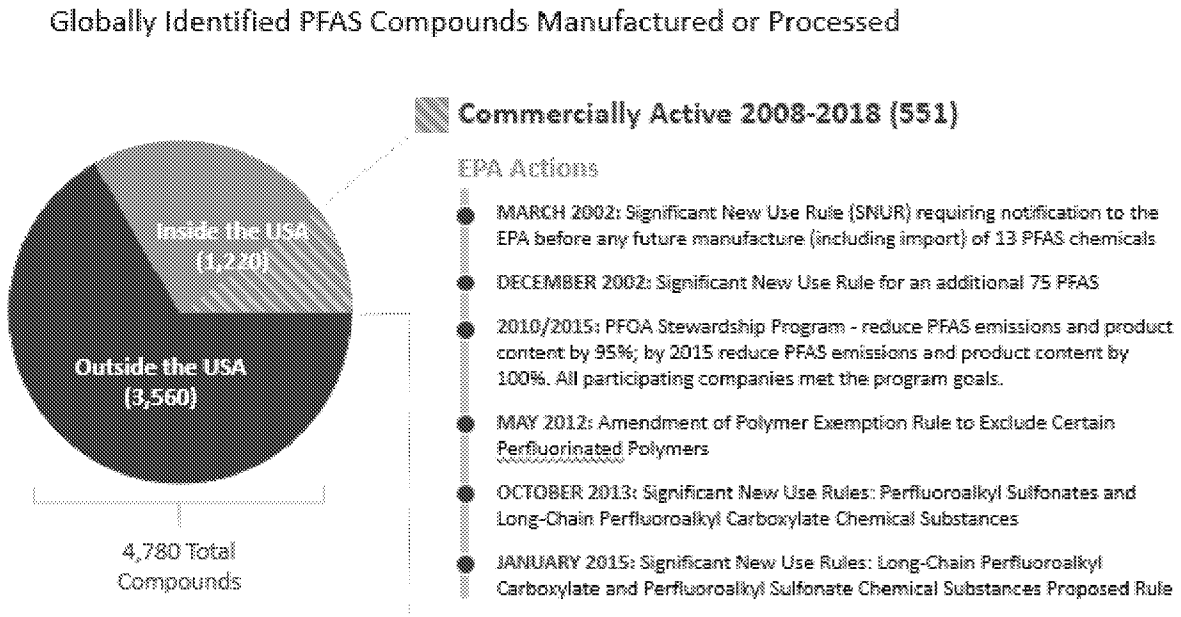
Message

**From**: Henry, Tala [Henry.Tala@epa.gov]
**Sent**: 11/16/2018 8:22:32 PM
**To**: Bertrand, Charlotte [Bertrand.Charlotte@epa.gov]; Beck, Nancy [Beck.Nancy@epa.gov]; Baptist, Erik [Baptist.Erik@epa.gov]
**CC**: Morris, Jeff [Morris.Jeff@epa.gov]; Henry, Tala [Henry.Tala@epa.gov]; Scheifele, Hans [Scheifele.Hans@epa.gov]
**Subject**: FW: Administrator TSCA-related comment for PFAS management plan
**Attachments**: Changes to Graphic.pptx

**Importance**: High

# Deliberative Process / Ex. 5




Tala R. Henry, Ph.D.
Acting Deputy Director
Office of Pollution Prevention and Toxics
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**From:** Holsinger, Hannah
**Sent:** Friday, November 16, 2018 11:22 AM
**To:** Henry, Tala <Henry.Tala@epa.gov>; Albert, Ryan <Albert.Ryan@epa.gov>
**Cc:** Wadlington, Christina <Wadlington.Christina@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>; Dunton, Cheryl <Dunton.Cheryl@epa.gov>; Krasnic, Toni <krasnic.toni@epa.gov>; Strauss, Linda <Strauss.Linda@epa.gov>; Lan, Alexis <lan.alexis@epa.gov>
**Subject:** RE: Administrator TSCA-related comment for PFAS management plan

Thanks Tala,
We will get these edits in on the graphic. Our graphic designer is out starting at 1pm today. Are there any additional edits on the graphic?

Thanks!
Hannah

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**From:** Henry, Tala
**Sent:** Thursday, November 15, 2018 5:35 PM
**To:** Holsinger, Hannah <Holsinger.Hannah@epa.gov>; Albert, Ryan <Albert.Ryan@epa.gov>
**Cc:** Wadlington, Christina <Wadlington.Christina@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>; Dunton, Cheryl <Dunton.Cheryl@epa.gov>; Krasnic, Toni <krasnic.toni@epa.gov>; Strauss, Linda <Strauss.Linda@epa.gov>; Lan, Alexis <lan.alexis@epa.gov>
**Subject:** RE: Administrator TSCA-related comment for PFAS management plan

# Deliberative Process / Ex. 5

Will get you the other edits asap

**From:** Holsinger, Hannah
**Sent:** Thursday, November 15, 2018 4:36 PM
**To:** Albert, Ryan <Albert.Ryan@epa.gov>; Henry, Tala <Henry.Tala@epa.gov>
**Cc:** Wadlington, Christina <Wadlington.Christina@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>; Dunton, Cheryl <Dunton.Cheryl@epa.gov>; Krasnic, Toni <krasnic.toni@epa.gov>; Strauss, Linda <Strauss.Linda@epa.gov>; Lan, Alexis <lan.alexis@epa.gov>
**Subject:** RE: Administrator TSCA-related comment for PFAS management plan

Hi Tala,
Following up on Ryan's email to see the status of your edits. We are incorporating the remaining edits this afternoon.

Thanks!
Hannah

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**From:** Albert, Ryan
**Sent:** Wednesday, November 14, 2018 3:25 PM
**To:** Henry, Tala <Henry.Tala@epa.gov>
**Cc:** Wadlington, Christina <Wadlington.Christina@epa.gov>; Holsinger, Hannah <Holsinger.Hannah@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>; Dunton, Cheryl <Dunton.Cheryl@epa.gov>; Krasnic, Toni <krasnic.toni@epa.gov>; Strauss, Linda <Strauss.Linda@epa.gov>; Lan, Alexis <lan.alexis@epa.gov>
**Subject:** RE: Administrator TSCA-related comment for PFAS management plan

Hi Tala,

Thank you for your review, intending to provide edits, and your question. In regards to the question:

- The numbers were derived from OPPT's internal summary report (dated September 5th, 2018) and OECD's global database on PFAS. Both reports are attached.
- The graphic was based on a statement in an earlier draft of the management plan, where we wrote "According to the Organization for Economic Cooperation and Development (OECD 2018), **over 4,730** PFAS-related compounds have been identified in the public domain and the number is continuing to grow as industry develops new chemicals. In the United States alone, the EPA's TSCA Chemicals Substances Inventory—which lists existing chemical substances that are manufactured or processed in the United States—includes **1,220 PFAS**, of which **551** are known to have been commercially active in the last decade."
- In the most recent draft of the management plan, this statement has since been changed to read "Over **4,000 PFAS** may have been used worldwide (OECD 2018). The EPA's Toxic Substances Control Act (TSCA) Chemical Substance Inventory estimates that over **1,220 PFAS** have been listed on the TSCA Inventory, of which **551** are known to be commercially active within the last decade."
- Upon reexamining the numbers in the figure in light of your question, we noted we assumed numbers in the figure represented a binary situation; i.e., the numbers inside the United States and outside the United States were presented as though they are mutually exclusive. However, we recognize this may be a mischaracterization as some compounds may be produced both inside and outside the U.S. Hence, we may need to remove the 3,560 number or recharacterize how that number is presented.
- **We welcome OPPT's feedback on how these figures should be characterized and summarized in the graphic.**

Please let us know if you have any additional questions or need any additional information.

Best regards,
Ryan

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(202) 564-0763

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**From:** Henry, Tala
**Sent:** Wednesday, November 14, 2018 2:35 PM
**To:** Albert, Ryan <Albert.Ryan@epa.gov>
**Cc:** Wadlington, Christina <Wadlington.Christina@epa.gov>; Holsinger, Hannah <Holsinger.Hannah@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>; Dunton, Cheryl <Dunton.Cheryl@epa.gov>; Krasnic, Toni <krasnic.toni@epa.gov>; Strauss, Linda <Strauss.Linda@epa.gov>; Lan, Alexis <lan.alexis@epa.gov>
**Subject:** RE: Administrator TSCA-related comment for PFAS management plan
**Importance:** High

Hi,
We are reviewing this now and have some edits; however, can you please advise as to the source of the numbers in the pie chart??

Tala R. Henry, Ph.D.
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**From:** Albert, Ryan
**Sent:** Tuesday, November 13, 2018 8:34 PM
**To:** Henry, Tala <Henry.Tala@epa.gov>
**Cc:** Wadlington, Christina <Wadlington.Christina@epa.gov>; Holsinger, Hannah <Holsinger.Hannah@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>; Dunton, Cheryl <Dunton.Cheryl@epa.gov>; Krasnic, Toni <krasnic.toni@epa.gov>; Strauss, Linda <Strauss.Linda@epa.gov>; Lan, Alexis <lan.alexis@epa.gov>
**Subject:** Administrator TSCA-related comment for PFAS management plan

Hi Tala,

We received the Acting Administrator's comments on the PFAS management plan today. There was one to-do that was related to the TSCA program. Deliberative Process / Ex. 5 r

Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

We welcome your feedback on the graphic and input as to whether, in your opinion, we are missing key detailed information in this section you would recommend briefly adding that furthers the AA Wheeler's objectives.

Please note I am also cc'ing Hannah Holsinger here to ensure she stays in the loop (she is on international travel through Thursday and deserves an evening or two to herself). We would be most grateful for any comments on the attached, or fleshed-out alternate recommended approach, by COB tomorrow (Wednesday 11/14) if possible.

Please let us know if you have any questions or if you need any additional information.

Best regards,
Ryan

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Acting Chief, Standards and Risk Reduction Branch
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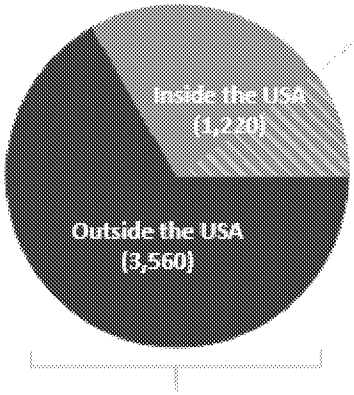
**From:** Wadlington, Christina
**Sent:** Tuesday, November 13, 2018 7:51 AM
**To:** Henry, Tala <Henry.Tala@epa.gov>; Krasnic, Toni <krasnic.toni@epa.gov>; Strauss, Linda <Strauss.Linda@epa.gov>
**Cc:** Scheifele, Hans <Scheifele.Hans@epa.gov>; Dunton, Cheryl <Dunton.Cheryl@epa.gov>
**Subject:** Graphic for the PFAS Management Plan

Morning!

We are putting together a few graphics for the PFAS management plan. Can you please take a look at the below and provide edits/thoughts?
PS I understand that the numbers update, if it's helpful we can add a "as of" date to the bottom to ensure it reflects the accurate numbers.

## Globally Identified PFAS Compounds Manufactured or Processed




**Commercially Active 2008-2018 (551)**

EPA Actions

- MARCH 2002: Significant New Use Rule (SNUR) requiring notification to the EPA before any future manufacture (including import) of 13 PFAS chemicals
- DECEMBER 2002: Significant New Use Rule for an additional 75 PFAS
- 2010/2015: PFOA Stewardship Program - reduce PFAS emissions and product content by 95%; by 2015 reduce PFAS emissions and product content by 100%. All participating companies met the program goals.
- MAY 2012: Amendment of Polymer Exemption Rule to Exclude Certain Perfluorinated Polymers
- OCTOBER 2013: Significant New Use Rules: Perfluoroalkyl Sulfonates and Long-Chain Perfluoroalkyl Carboxylate Chemical Substances
- JANUARY 2015: Significant New Use Rules: Long-Chain Perfluoroalkyl Carboxylate and Perfluoroalkyl Sulfonate Chemical Substances Proposed Rule

Thank you.