

## TSCA: Three Years Later

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June 24, 2019

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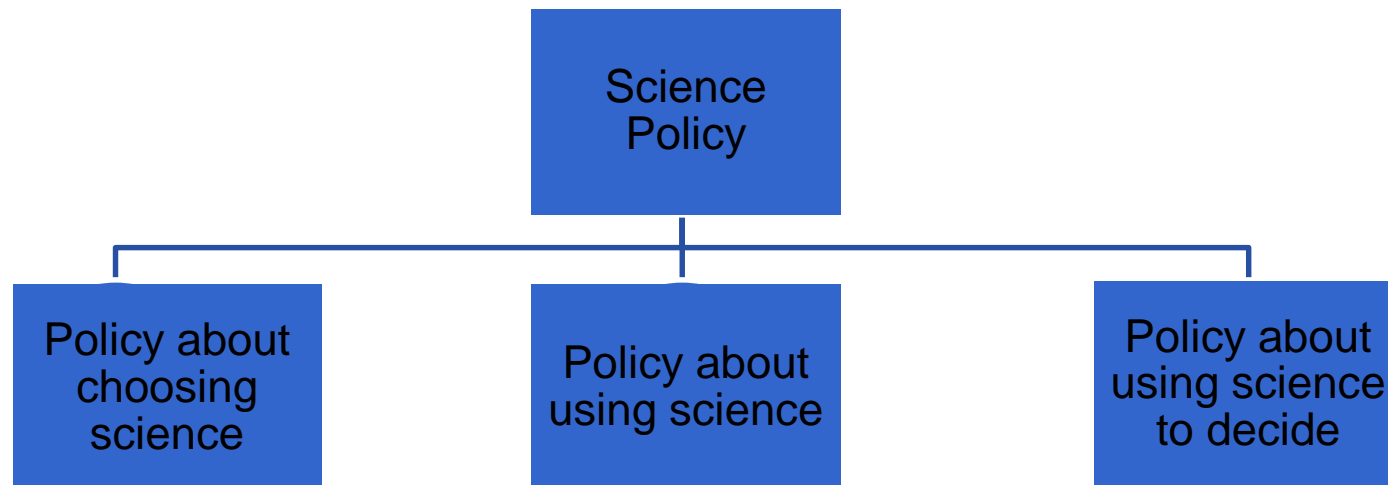
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# My Goal: “Teeing Up” A Few Key Issues





# Policy About Choosing Science

- What is the scope of a risk evaluation
  - Which exposures?
  - Which populations?
  - “Conditions of use”
- “Sufficient Information”
- What information is considered in a risk evaluation?
- How are data considered and weighed?

Systematic Review



# Policy About Using Science

- Making hazard calls from systematic review process
- Choosing studies to characterize dose-response
  - Point of Departure
  - Cancer Slope Factors
- Which exposure models or measurements?
- Characterizing uncertainty and variability

# Different Science Policy Choices

Organizations	<	=	>	Ratio Range (% order of mag. or more)
ATSDR vs. EPA (IRIS) (N=36 chemicals)	17%	<b>56%</b>	28%	0.06-33 (11%)
HC vs. EPA (IRIS) (N=29 chemicals)	45%	7%	48%	<b>0.01 – 33 (28%)</b>
RIVM vs. EPA (IRIS) (N=53 chemicals)	28%	23%	49%	0.03 – 83 (25%)
ATSDR vs. HC (N=11 chemicals)	55%	18%	27%	0.1 – 3 (9%)
RIVM vs. HC (N=27 chemicals)	33%	22%	44%	0.03-39 (26%)
ATSDR vs. RIVM (N=15 chemicals)	53%	13%	33%	0.3-12.5 (13%)

# Policy About Science-Based Decisions

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- Prioritization – role of exposure and hazard
- “Unreasonable Risk”



# Key Challenges

- Time constraints
- Evolving science
- Explicit policies (“codifying”) vs flexibility to adapt