

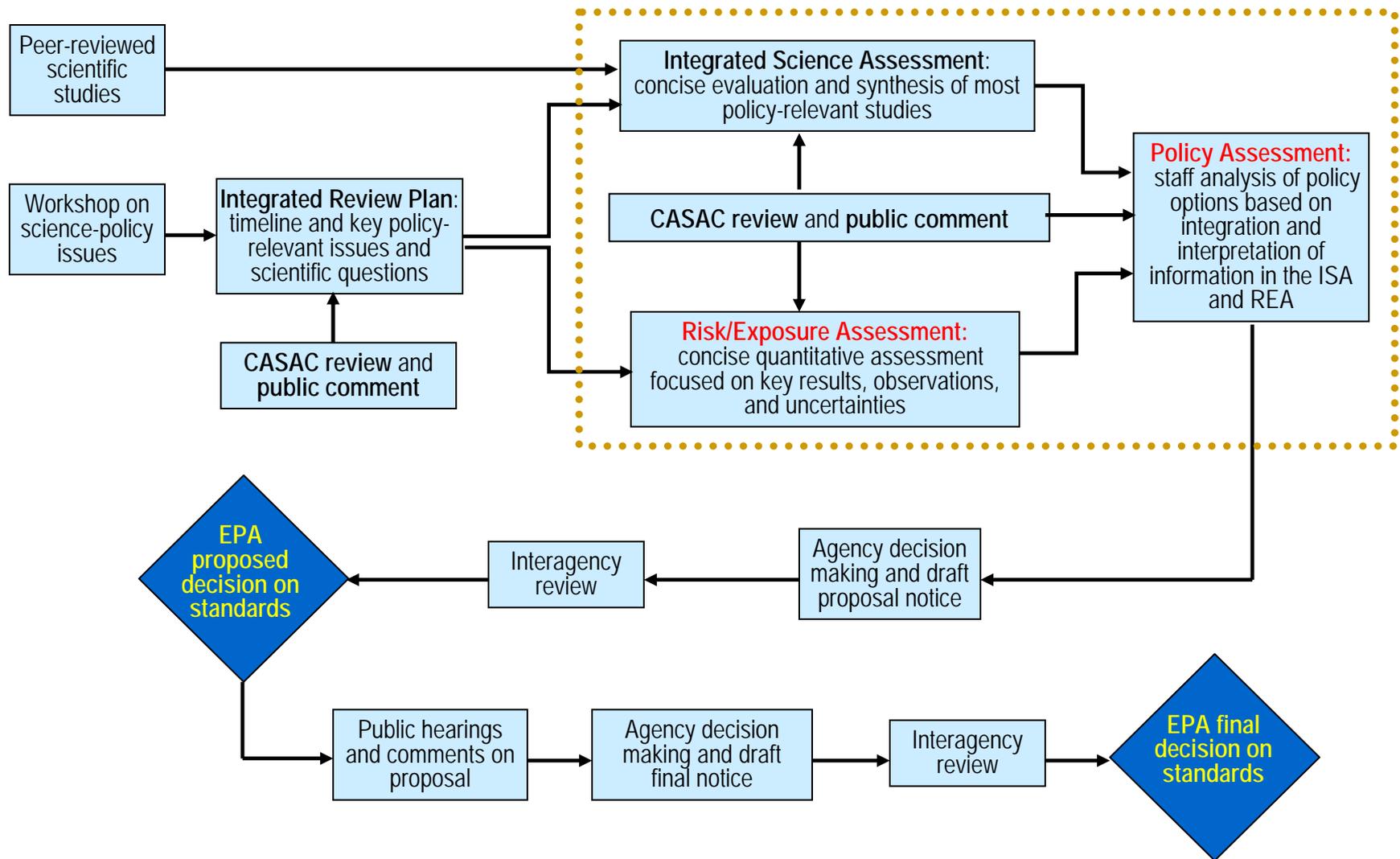
# CO NAAQS Review: Draft Risk/Exposure and Policy Assessments

Clean Air Scientific Advisory Committee Review Meeting  
March 22-23, 2010



**US Environmental Protection Agency**  
Office of Air Quality Planning and Standards

# Overview of NAAQS Review Process



# Role of the Integrated Science Assessment and the Risk and Exposure Assessment

- Integrated Science Assessment (ISA):
  - Concise evaluation/synthesis of the most policy-relevant science
  - Provides foundation to inform:
    - Design and development of Exposure/Risk Assessment
    - Evidence-based considerations discussed in Policy Assessment
  
- Risk/Exposure Assessment (REA):
  - Characterize nature, magnitude and uncertainties of population estimates of exposure/dose/risk for selected health endpoints:
    - Recent air quality conditions
    - Simulation of just meeting current NAAQS
    - Simulation of potential alternative standards under consideration



# Role of the Policy Assessment

- Consideration and integration of scientific evidence- and exposure/risk-based information
  - Based on scientific and technical information assessed and presented in ISA and REA
  
- Consideration of range of policy options for standard setting:
  - Adequacy of the current standard
  - As appropriate, consideration of alternative standards considering basic elements:
    - Indicator, averaging time, level and form



# CO NAAQS Review Schedule

Major Milestones		Completion Date (projected or actual)	CASAC Review Date
Workshop to Discuss Key Policy-Relevant Issues		January 2008	
Integrated Review Plan	Draft	March 2008	April 8, 2008
	Final	August 2008	
Integrated Science Assessment	First Draft	<u>March 12, 2009</u>	May 12-13, 2009
	Second Draft	September 2009	November 16-17, 2009
	Final	<u>January 29, 2010</u>	
<b>Risk/Exposure Assessment</b>	Plan	April 2009	May 12-13, 2009
	First Draft	<u>October 29, 2009</u>	November 16-17, 2009
	<b>Second Draft</b>	<b>February 24, 2010</b>	<b>March 22-23, 2010</b>
	<b>Final</b>	<u>May 28, 2010</u>	
<b>Policy Assessment</b>	<b>Draft</b>	<b>March 2, 2010</b>	<b>March 22-23, 2010</b>
	<b>Final</b>	<b>Early Summer 2010</b>	
Rulemaking	Proposed Rule	<u>October 28, 2010</u>	
	Final Rule	<u>May 13, 2011</u>	

Underlined dates indicate court-ordered deadlines

