

AQMP Progress

**CLEAN FUELS PROGRAM ADVISORY GROUP
FEBRUARY 8, 2012**

Conference Room CC2
21865 Copley Drive
Diamond Bar, CA 91765

AQMP Advisory Group

- 42 members including EPA, CARB, and SCAG
- Five meetings since August
- Topics discussed
 - ❑ AQMP related litigation issues and NAAQS updates
 - ❑ Review key Plan elements
 - Air quality trends and base year inventory
 - Growth surrogates and growth factors
 - SCAG's growth projections and Draft RTP
- Technology Symposium held

Scientific Technical Modeling Peer Review (STMPR) Advisory Committee

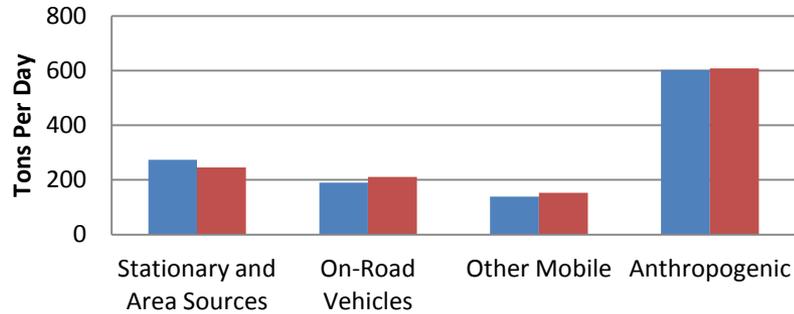
- Technical peer review of attainment modeling analyses and economic impact modeling
- Three meetings held to date
- Coordinating modeling protocol development
 - Model selection
 - Chemistry
 - Domain
 - Background
- Reviewing base-year inventories
- Initial model evaluation

Demographic Comparison

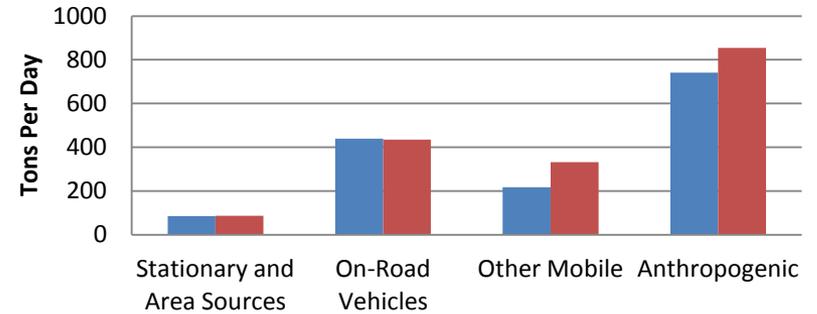
	Population (Millions)			Households (Millions)			Employment (Millions)		
	2008	2023	2030	2008	2023	2030	2008	2023	2030
2012 AQMP	15.6	17.3	18.1	5.1	5.7	6.0	7.0	7.7	8.1
2007 AQMP	16.5	18.8	19.6	5.2	6.0	6.4	7.3	8.5	9.0
Change	-6%	-8%	-8%	-2%	-6%	-7%	-4%	-9%	-10%

Comparison of 2008 Base Year Inventory

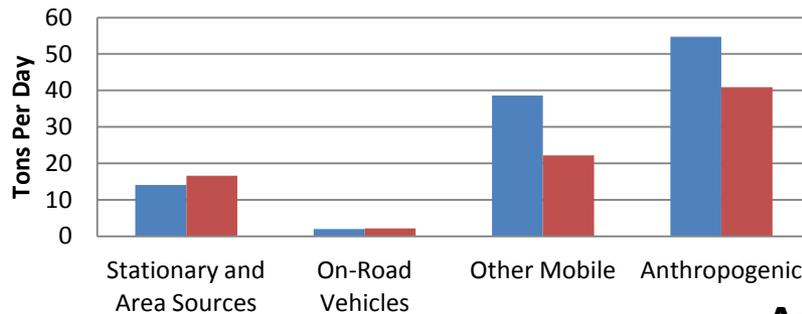
VOC



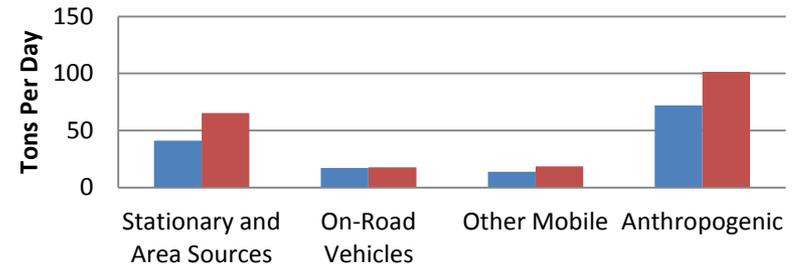
NOX



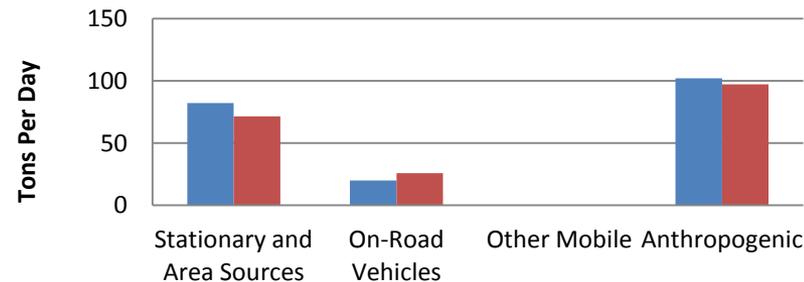
SOX



PM2.5

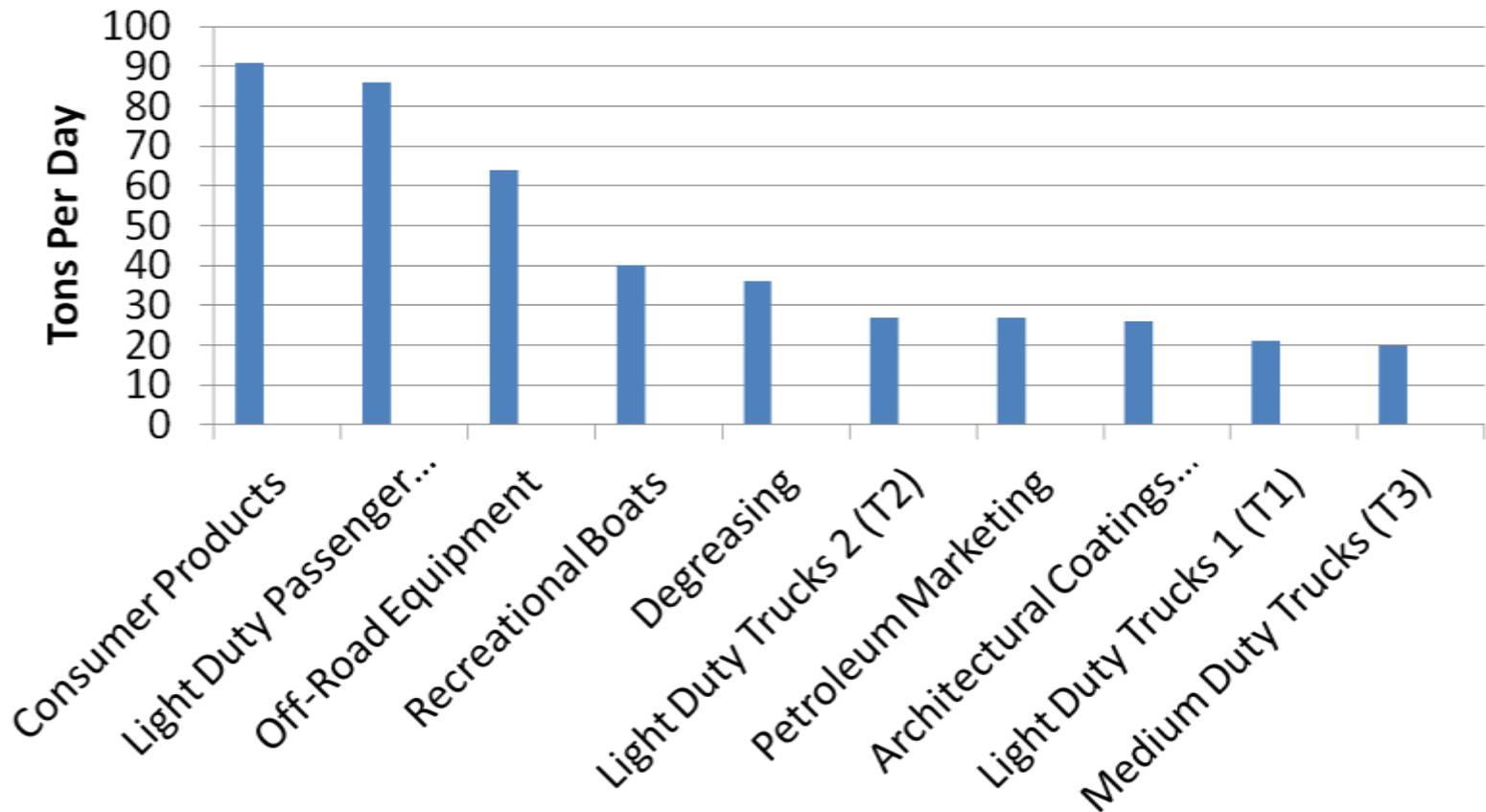


Ammonia

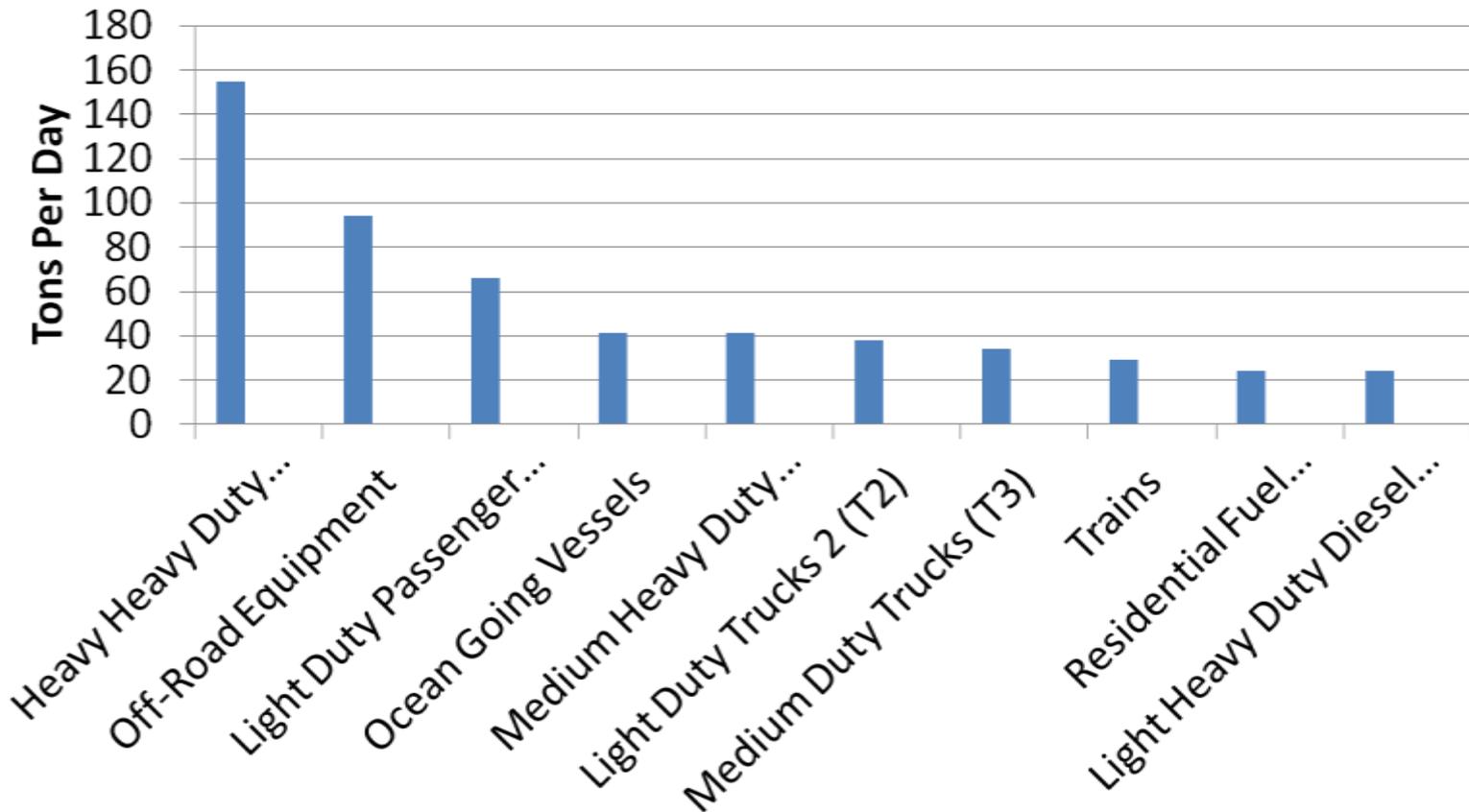


■ Draft 2012 AQMP ■ 2007 AQMP

Preliminary 2012 AQMP 2008 Baseline VOC Inventory



Preliminary 2012 AQMP 2008 Baseline NOX Inventory



Initial Inventory Observations

- Basin NOX emissions 113 TPD lower than 2007 AQMP projection for 2008
 - ❑ Reflects CARB inventory methodology change (~100 tpd)
 - ❑ Regulatory programs
 - ❑ Economic downturn
- Lower emissions
 - ❑ PM2.5 29% (Paved road dust and utility equipment)
 - ❑ CO 13%
 - ❑ VOC 1%
- Ammonia up 5% (methodology change)

Ongoing Activities

- Finalizing base-year inventory
- Conduct quality assurance evaluations
- Initial model evaluation/validation
- Grow future base year inventories
- Identify potential control measures

AQMP Schedule

Feb	March	April	May	June	July	August	Sept	Oct-Nov	Dec
Model performance future year baseline projections; socio input development		RTP Adoption							
Determine Needed Reductions; CEQA IS; Public Consultation/ CEQA Scoping									
Control Strategy Development / Attainment Demonstration / Plan Write-up			Release Draft AQMP, CEQA EIR, CARB Control Strategy		Release Socio Report and Revised AQMP		AQMP Adoption	CARB Approval Period	EPA SIP submittal
Joint Agency Strategy Document									
Peer Review									
Regional Workshops									
Regional Hearings									
Monthly Advisory and STMPR meetings									
Outreach Plan – Topical Workshops, Focus Group, Key Agencies, Local Stakeholders									

Nomination of Representative to SCAQMD Advisory Council

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Overview

- Pursuant to state law, the charter and recommendations of the Blue Ribbon Panel, each advisory group shall appoint one of its members to serve on the District's Advisory Council.
- The District's Advisory Council is tasked to undertake a peer review of the health impacts of particulate matter air pollution in the South Coast Air Basin during the development of the Air Quality Management Plan (AQMP).
- A selection by the Clean Fuels Program Advisory Group is needed at this time for the 2012 Advisory Council Roster.
- The health impact report on PM is targeted to be released in April in preparation for the Advisory Council review April-May (before the Draft AQMP scheduled for release in June).

Action

- Committee select a representative as a candidate to sit on AQMD Advisory Council
- Submit candidate for approval by the Chairman of the Governing Board