

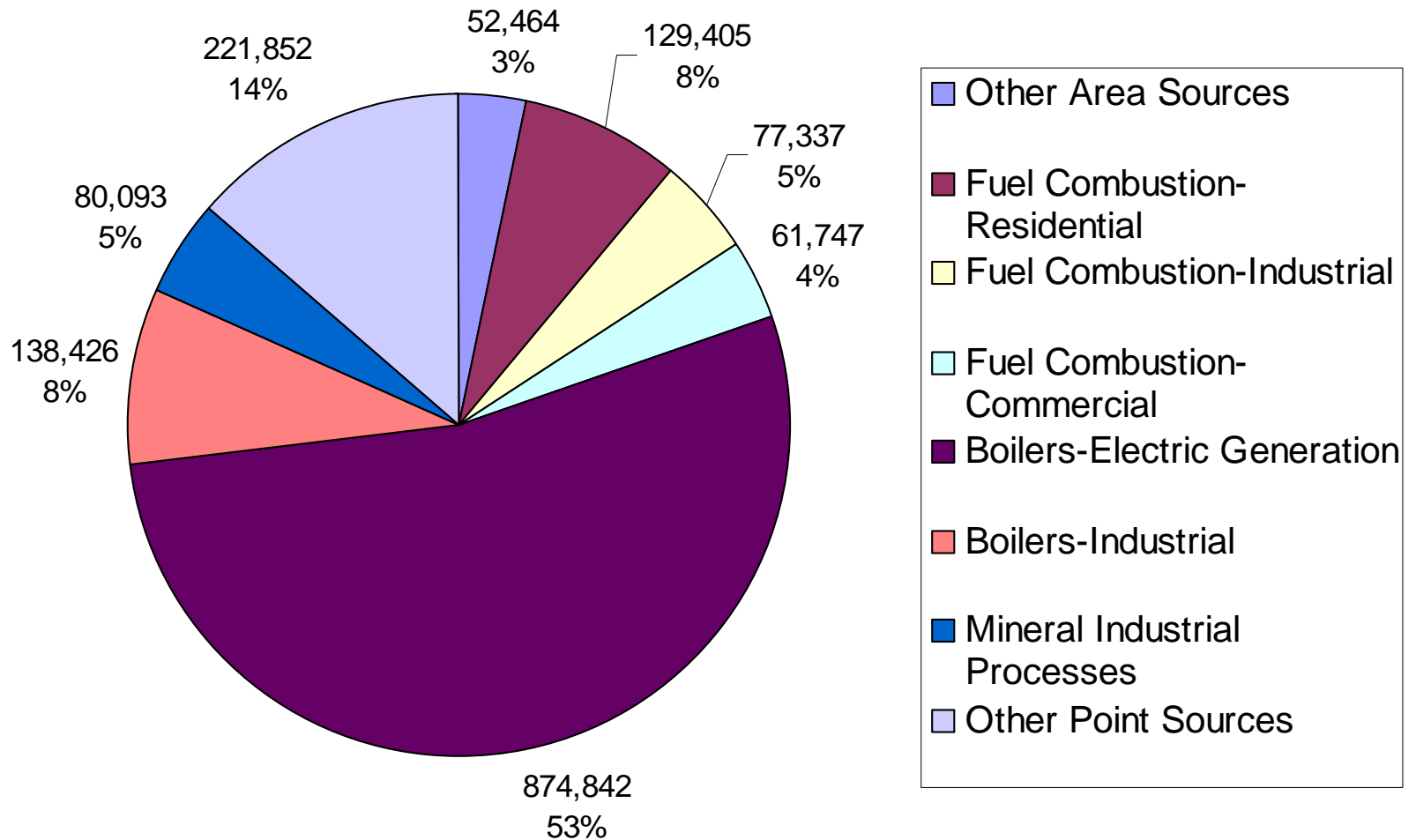
Stationary and Area Sources for Further Reductions

Ali Mirzakhali, DE DNREC

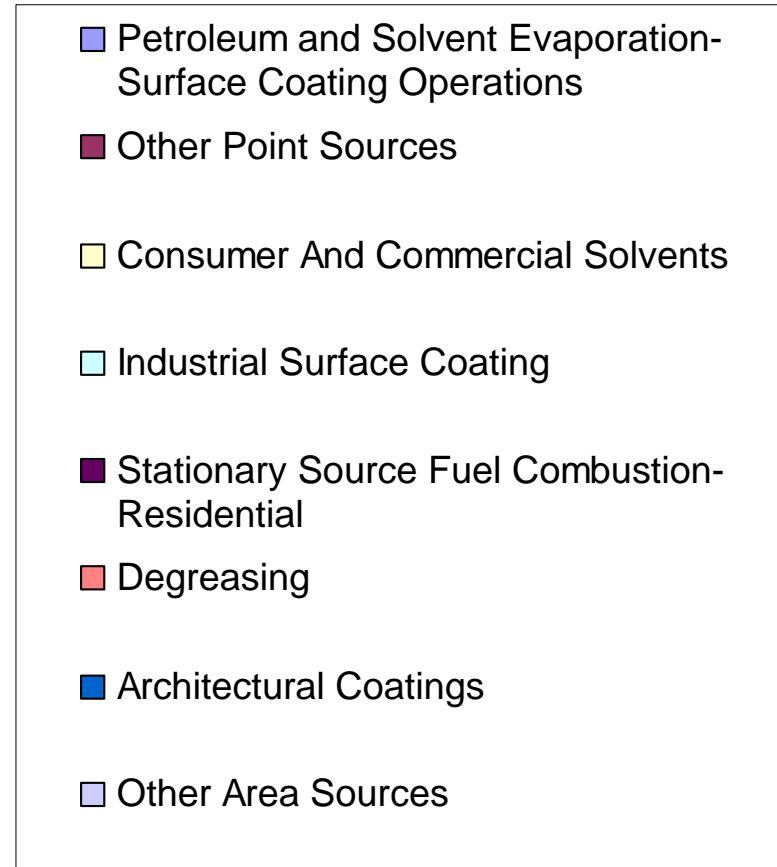
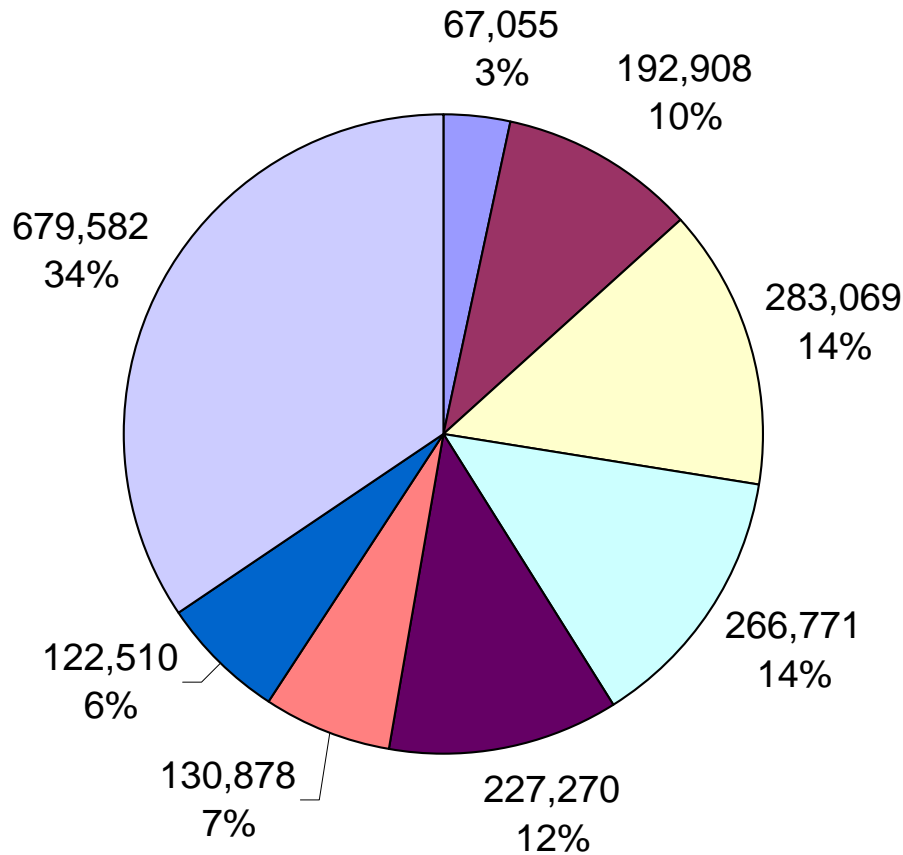
2004 OTC Annual Meeting

Red Bank, NJ

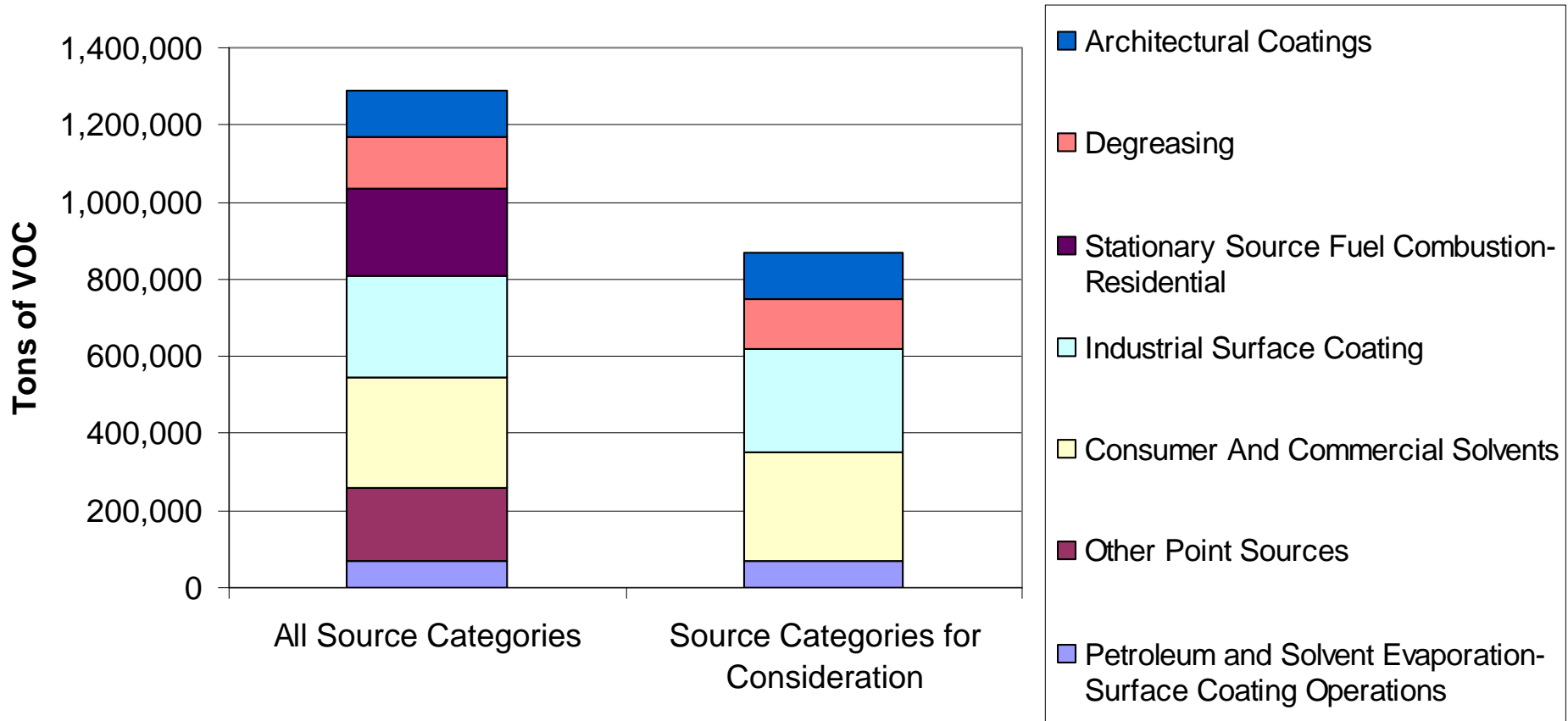
Nature of NOx Sources in OTR



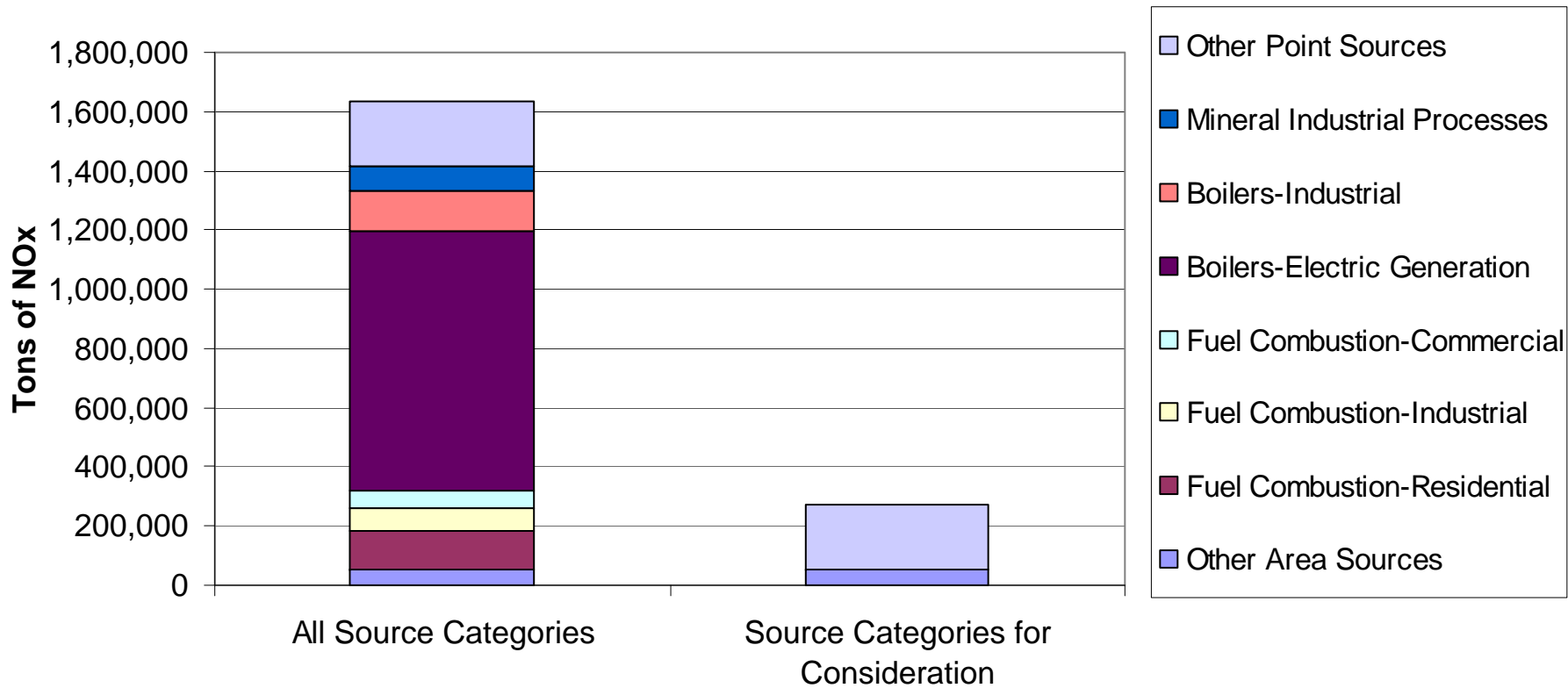
Nature of VOC Sources in OTR



Magnitude of VOC Reductions



Magnitude of NOx Reductions



Holding The Line

- Programs and Tools States Rely on for Emission Reductions
 - NSR
 - PSD
 - NO_x SIP Call

Additional Reductions

- Updating RACM for wide range of NO_x and VOC sources
 - CTGs, ACTs, Model Rules
- Paints & Coatings, Consumer Products
- Small Diesel Engines
- Energy Efficiency/Energy Conservation
- Revisit Reasonably Achievable Control Measures in OTR - evaluate options for achieving comparable reductions/establishing RACM in upwind states

CONSUMER PRODUCTS

- CARB RULE REVISION NOW
- 48 NEW CATEGORIES IN 3 STEPS
FROM 2004 TO 2008
- MAX VOC REDUCTION 40 T/D
- ABOUT ONE T/D IN DELAWARE

AIM

- CARB STUDIES ADOPTION OF SCAQMD LIMITS

-35% by	08 flats	50 g/l	vs	100 g/l	now DE CCD 89 products
	06 floor	50		250	
-5*	06 IM	100		340	130
-27*	06 non-flat	50		150	62
-8*	06 PSU	100		200	168
	05 CBL	275		680	

DE COULD GET 1.5 T/D VOC REDUCTIONS

* These represent 75% of sales

Tools Needed

- Inventories/Models
- EPA Collaboration

Next Steps

- Charge from Commission
- Evaluation/Recommendation of Control Strategies
- Development of Control Measures