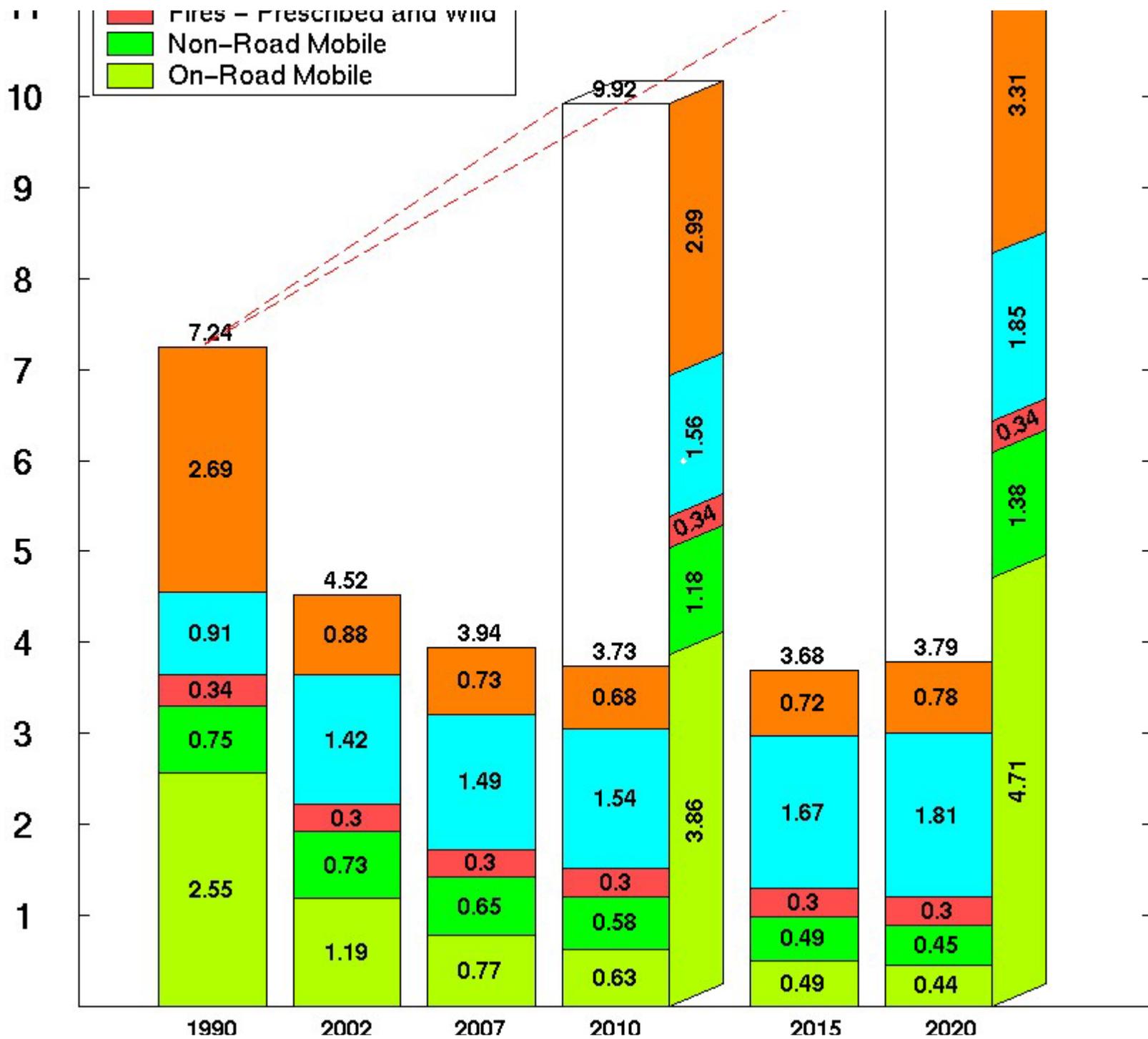


HAP Projections Using 2002 As a Base Year

Madeleine Strum

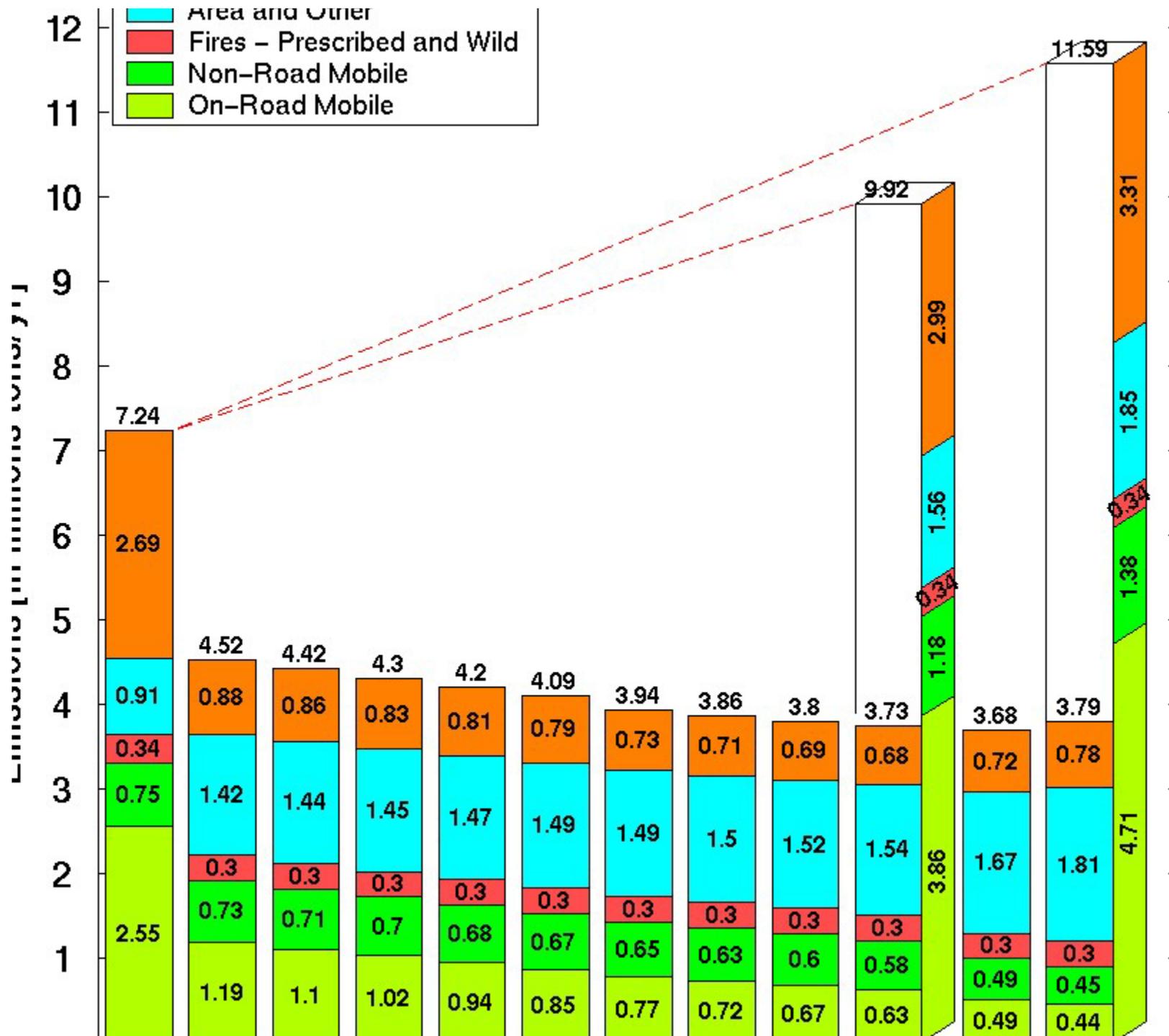
Approach

- Receive a version 1 (Feb2006) 2002 NEI HAP emission summary by pollutant and sector: major, area & other, onroad, nonroad and fires (prescribed and wild)
- Determine, for each HAP, a ratio of future year emissions based on the 1999 projection and apply to 2002.
- $E_{\text{future}}/E_{2002} = \text{1999 projection} * E_{2002_{\text{actual}}}$
- Grow Only case (w/out CAAA) is identical to previous due to same growth estimated from 1990
- Similar to the projections off of the 1999, no Hg is included
- POM utilize a total POM ratio (rather than applying POM-specific ratios due to potential differences in reporting)
- EGU projections not updated to account for final IPM run because impacts on the HAP projections due to differences in the draft vs final were not significant on national, broad-category level



Accounts estimate growth (E and reduction resulting from MACT program, CAIR and source reductions in the 1990's)

Same reduction rates as used for the 2002 based projections but applied to 2002 base inventory



Accounts estimate growth (E and reduction resulting from MACT program, CAIR and source reductions) since the 1990's

Same reduction rates as used for the base case but applied to 2002 base inventory

