



EPA Compliance and Enforcement Update

DAVE COZAD

DIRECTOR, ENFORCEMENT AND COMPLIANCE ASSURANCE DIVISION

EPA REGION 7

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Creating Cleaner Air for Communities by Reducing Excess Emissions from Stationary Sources (CCAC)

Goal: Improve air quality by reducing emissions of VOCs and HAPs

- Identify geographic locations and facilities within those locations that:
 - are contributors to adverse community health impacts; or
 - adversely affect an area's attainment status

R7 CCAC Plans for 2020/2021

- Approximately 30 inspections/investigations. Mostly HAPs sources, largely targeted based on discussions with state staff, compliance history, and citizen complaints
- Future Years:
 - Utilize ECHO ECATT tool as well as examine compliance with area source direct implementation MACTs (for which states have not taken delegation)
 - Lead sources – examining sources that certified they were under the monitoring threshold for the 2008 designations

Stopping Aftermarket Defeat Devices for Vehicles and Engines



Goal: Prevent the removal of filters, catalysts, and exhaust gas recirculation systems from diesel-powered vehicles and engines (on-road and off-road)



Focus enforcement and compliance efforts on:

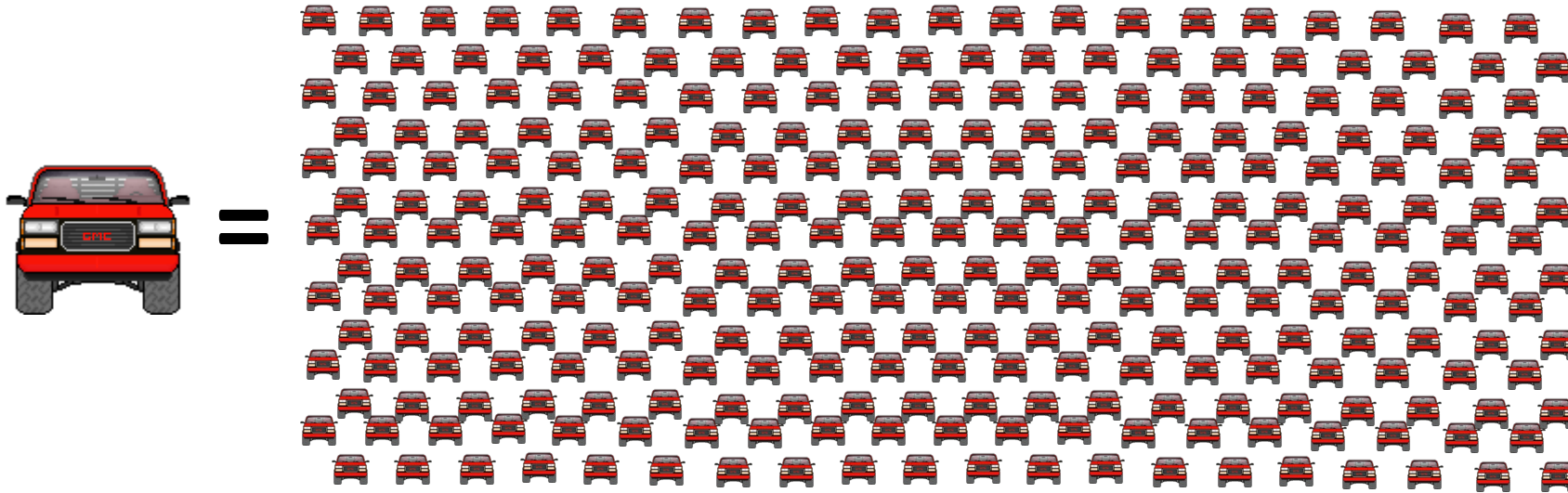
Companies and individuals that manufacture, sell, and install aftermarket defeat devices

Commercial fleets and companies that purchase aftermarket defeat devices (rather than individual vehicle owners)



Utilize combination of inspections and info requests

Emissions Increase Due to Full Delete



NO_x increased ~310x

NMHC increased ~1,140x

CO increased ~120x

PM increased ~40x

These test results show the increase in NO_x, NMHC, CO, and PM when a tuner enables the full removal of emissions controls (i.e., “a full delete”). These tests were conducted without the SCR, DPF, DOC, and EGR emission controls.

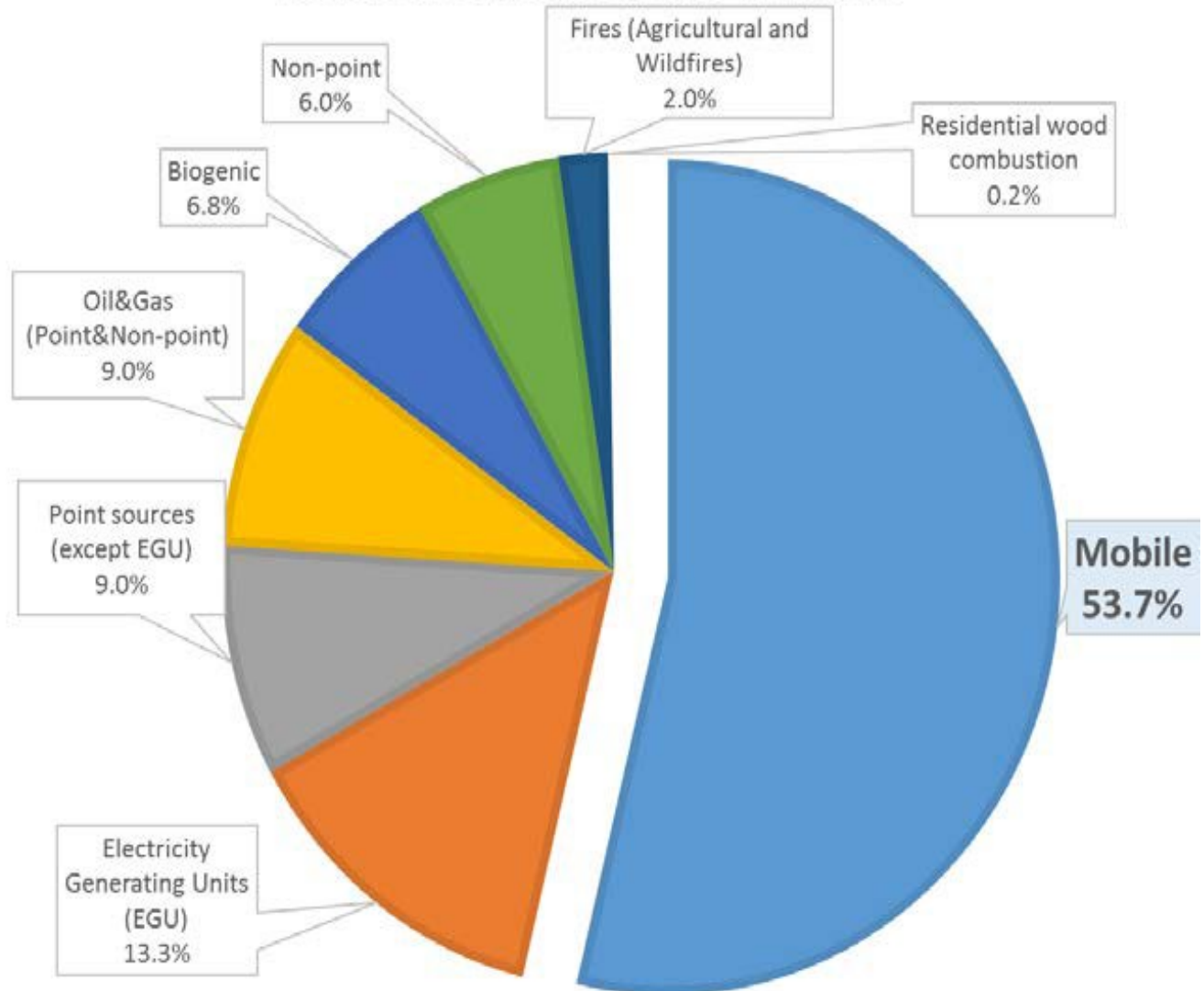


Nationwide

- Evidence from recent EPA investigations concerning diesel pickup trucks (“trucks”) show cause for concern → →
- This is only the tampering the EPA has identified during recent investigations concerning diesel pickup trucks and is not an estimate of nationwide tampering rates.



TOTAL NOX EMISSIONS 2014NEI





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A Few Recent R7 Settlements in 2020

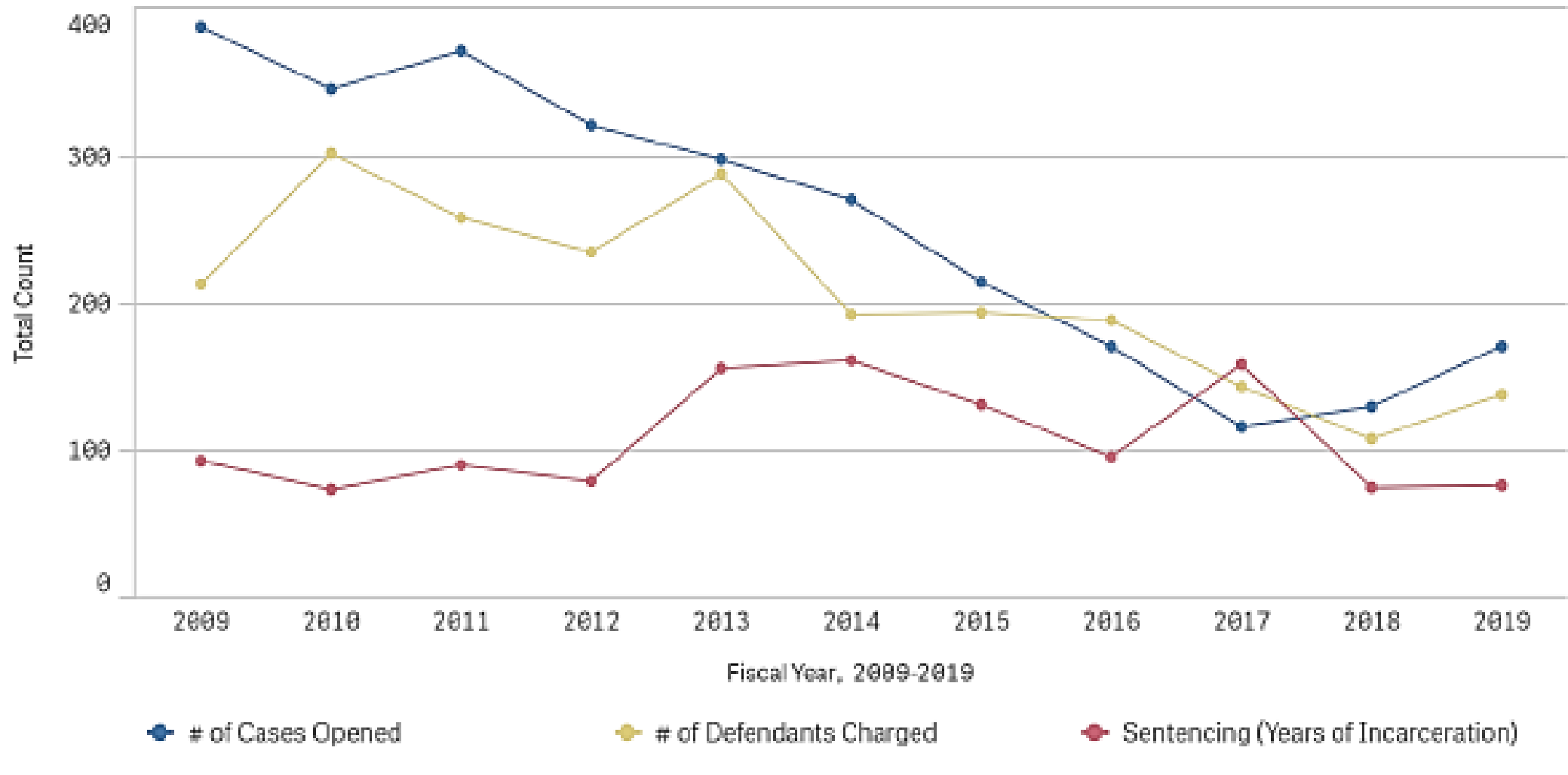
- U.S. v Holly Frontier (D. Kansas)
 - Refinery; CAA opacity and H2S, and 112r RMP
 - Injunctive relief plus \$4M penalty
 - <https://www.epa.gov/sites/production/files/2020-06/documents/hollyfrontier-cd.pdf>

- U.S. v Dyno Nobel (W.D. MO)
 - Explosives manufacturer; two facilities; CWA and RCRA
 - Injunctive relief plus \$2.9M penalty
 - <https://www.epa.gov/sites/production/files/2020-02/documents/dynonobelinc-cd.pdf>

- U.S. v. Clean Harbors (D. NE)
 - RCRA TSD facility; 112r RMP, RCRA, CAA
 - Injunctive relief plus \$790k penalty

- U.S. v. Henningson Foods (D. NE)
 - Egg processor; CWA pretreatment
 - Injunctive relief plus \$827k penalty

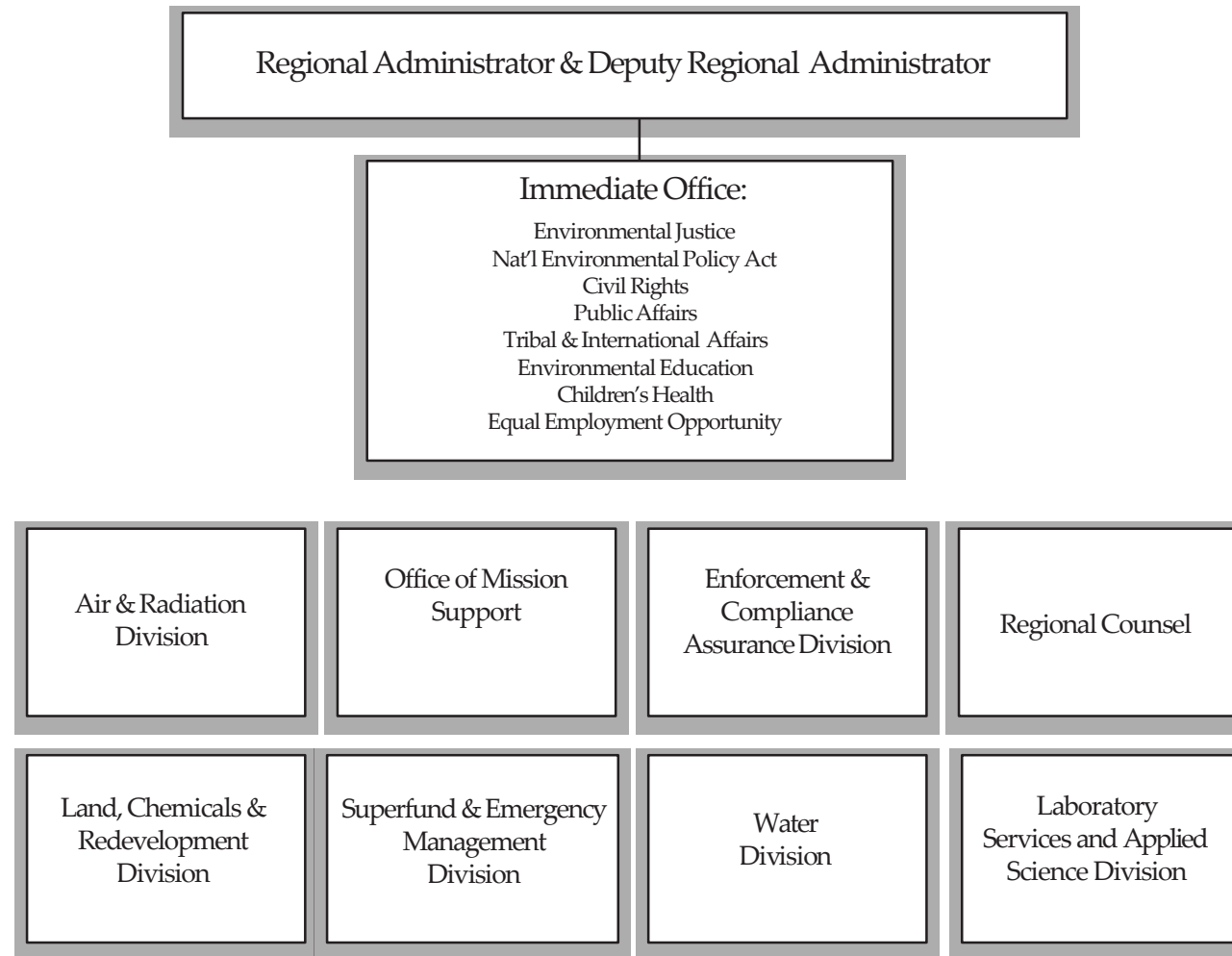
Criminal Enforcement
Environmental Crime Cases Opened, Defendants Charged, and Sentencing Results (Years of Incarceration)
FY 2009 – FY 2019



A Couple Other Things . . .

- Supplemental Environmental Projects (“SEPs”)
- Guidance Documents
 - <https://www.epa.gov/guidance/guidance-documents-managed-office-enforcement-and-compliance-assurance>
 - <https://www.govinfo.gov/content/pkg/FR-2020-10-19/pdf/2020-20519.pdf>

New Organization for EPA's Region 7 Office



Proposed
ENFORCEMENT & COMPLIANCE ASSURANCE DIVISION (ECAD)
REGION 7 ORGANIZATIONAL STRUCTURE

