



Linn County Public Health Air Quality

December 14, 2017



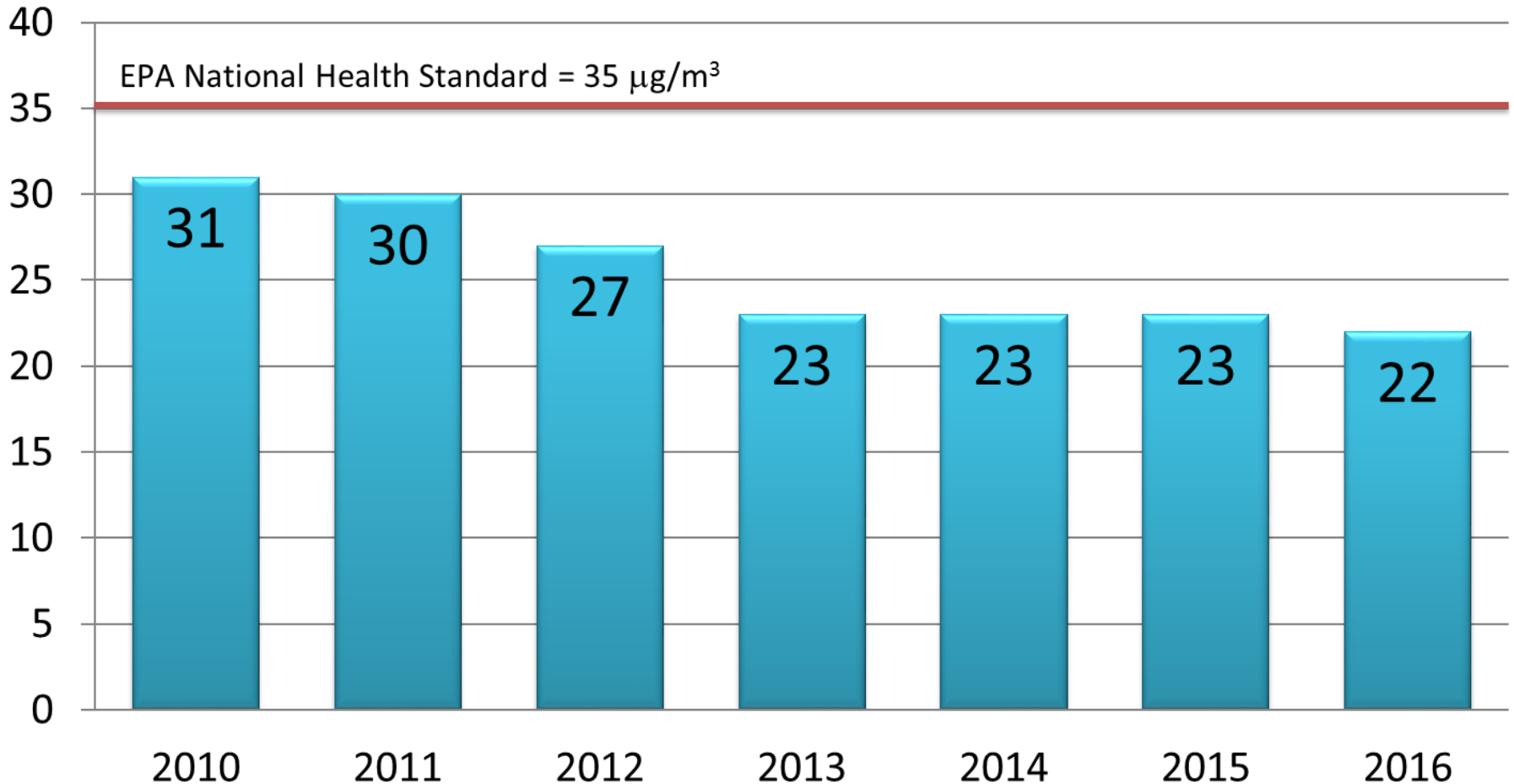
Linn County Public Health

Our Mission

To prevent disease and injuries, promote healthy living, protect the environment and ensure public health preparedness.

- James Hodina
 - Manager, Environmental Public Health
 - 319-892-6010
 - james.hodina@linncounty.org
- Shane Dodge
 - Supervisor, Air & Water Quality
 - 319-892-6010
 - shane.dodge@linncounty.org
- Website: www.linncleanair.org

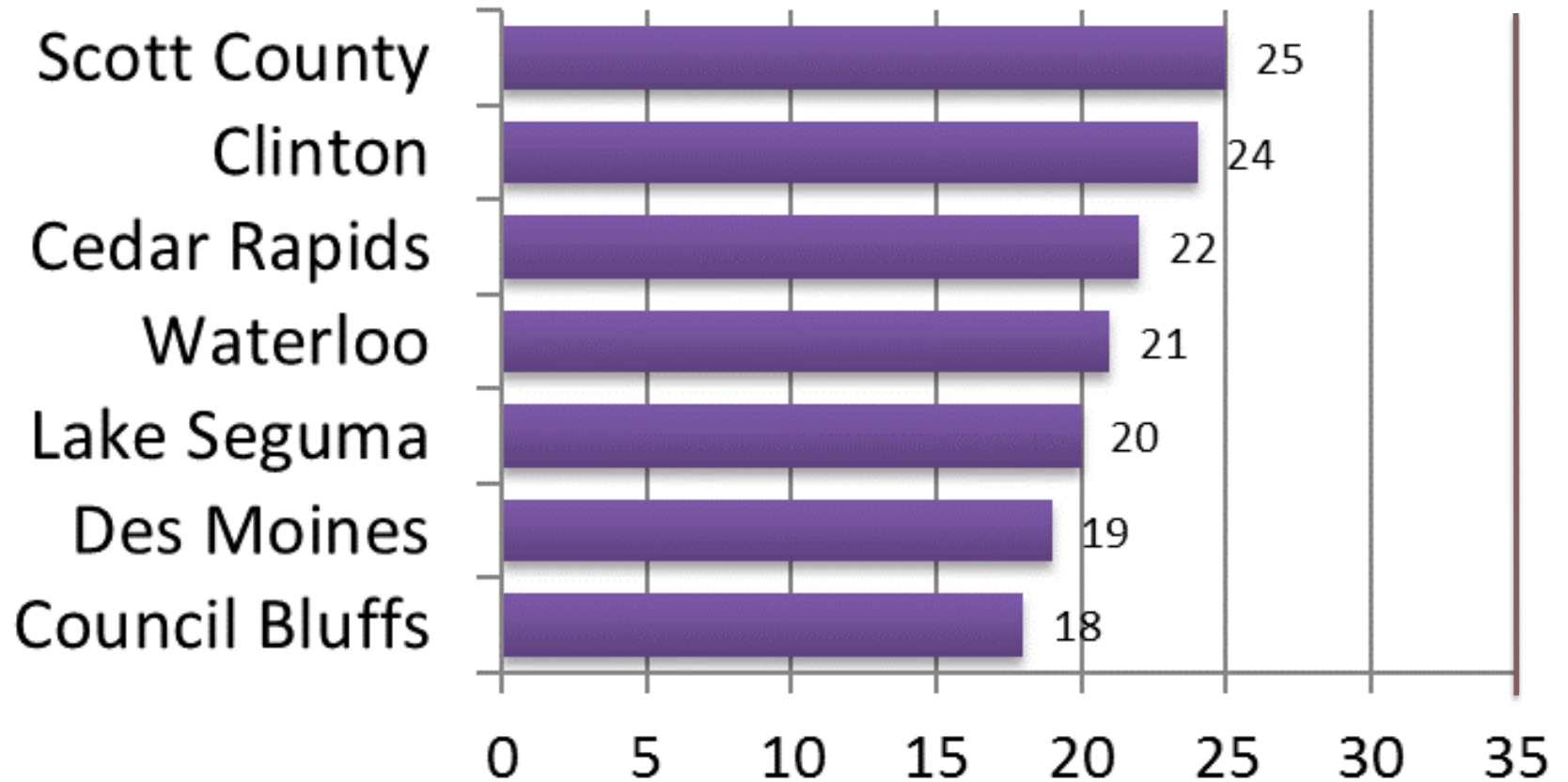
Linn County Particulate Pollution



The national health standard is the 4th highest value recorded for each year, averaged over a 3-year period.
All values are shown in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

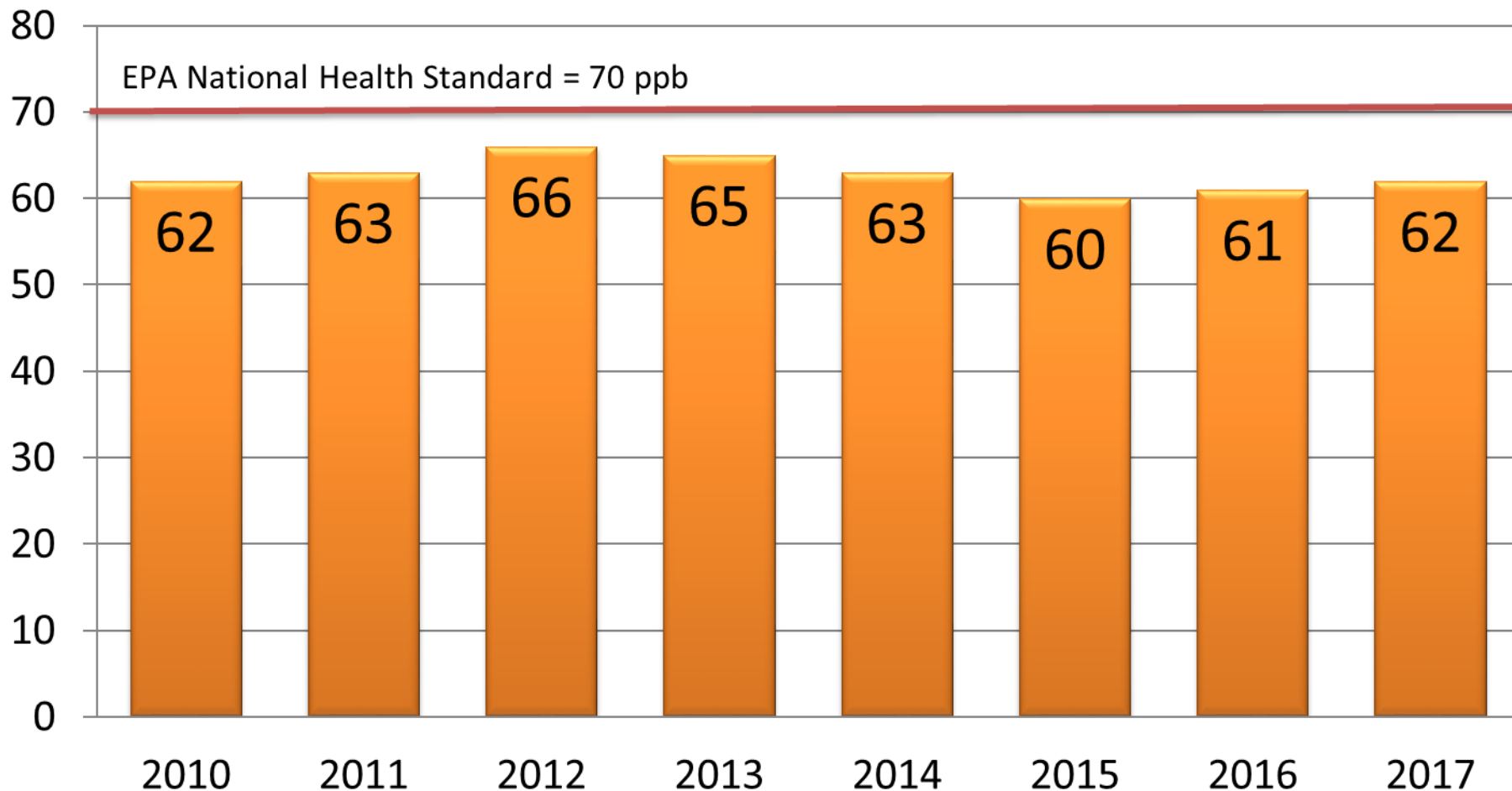
Particulate Pollution in Iowa

EPA Health
Standard



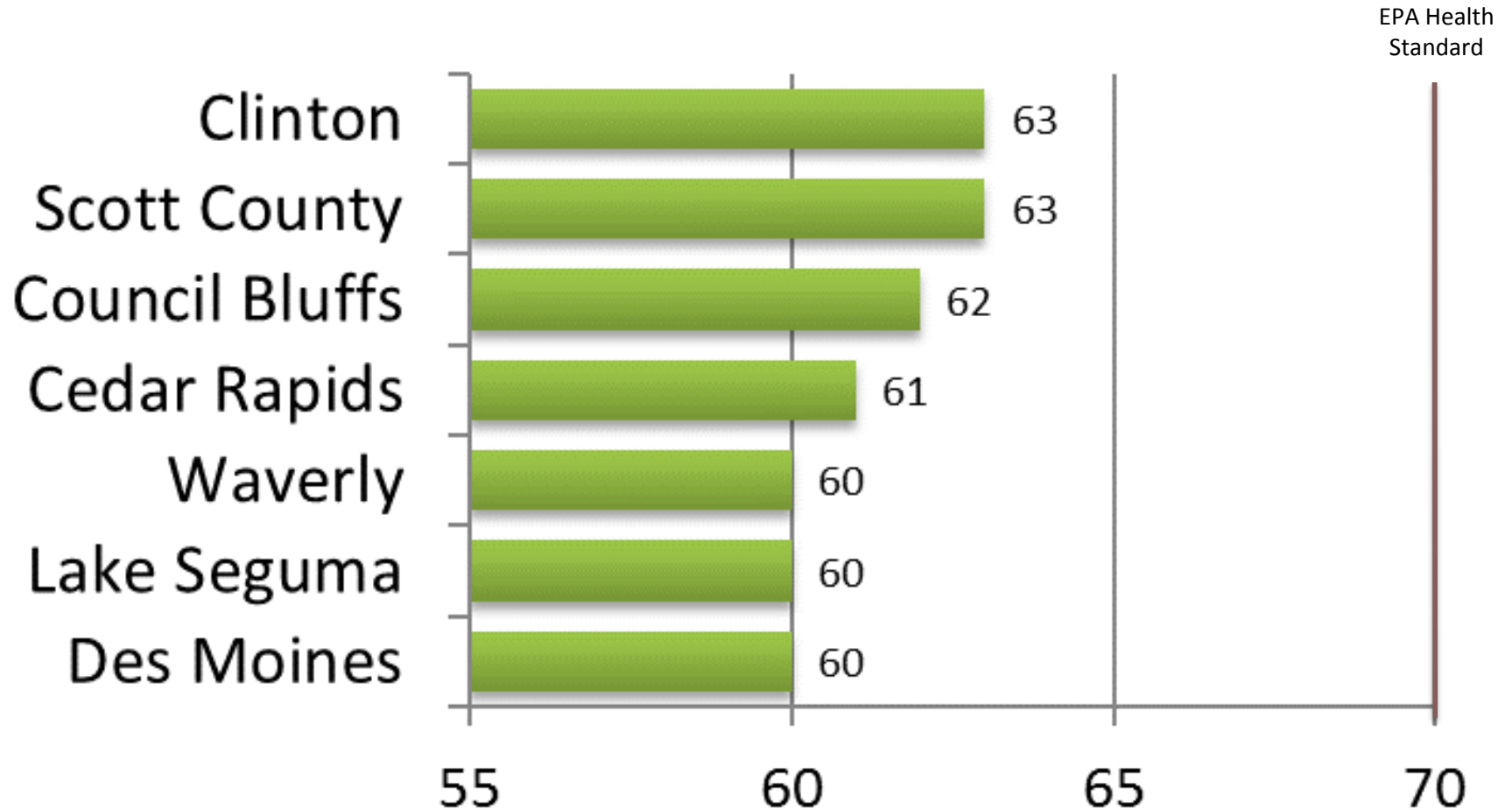
Source: Iowa DNR, Design Values 2014-2016

Linn County Ozone Pollution



The national health standard is the 4th highest value recorded for each year, averaged over a 3-year period. All values are shown in parts per billion (ppb).

Ozone Pollution in Iowa



Source: Iowa DNR, Design Values 2014-2016

Air Quality Program Funding

Program Cost Center	FY18	FY19
Local Program Funding	\$246,500	\$266,700
DNR Program Funding	\$805,750	\$753,700
TOTAL	\$1,052,250	\$1,020,400

- Funding = Costs (Do no budget for a “reserve fund.”)
- Personnel costs are 89% of total budget.
- Ambient Monitoring Equipment is 50% of Direct Expense.

Ambient Air Monitoring

- Total reduction from \$413,900 to \$369,500
- A small shift from 100% Federal/State Funding to now include a small portion of Local Funding (~\$30,000) over last two years.
- Decreasing FTE from 3.55 to 2.60 over last two years



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Title V & PSD Permitting

- We are seeing a large decrease in hours that will be charged to Title V / PSD Permitting, from 0.85 FTE in FY17 to 0.4 FTE in FY19.
 - DNR proposal to charge an hourly fee for Title V Permit Fees was not approved. PSD projects are very unpredictable for us as single large project can create a significant swing in resources.
 - DNR has implemented an indirect personnel charge of 50% for hourly charges. This is allowed under current code.



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Local Air Quality Fees

Permit Type	Fee
Permit to Operate (PTO)	\$ 40 per emission point
Minor Source Construction Permit	\$ 385 per emission point
Major Source Construction Permit	\$2475 per emission point

Possible Permit Fee Changes

- A \$5 increase in PTO fees is very likely.
- Minor Source & Major Source Construction Permit fees are likely to remain unchanged.

Local Ordinance Updates

- Linn County is in the process of renumbering the local ordinances. We expect this to be formally adopted in January.
 - This change does not affect the language of the ordinance
 - All environmental ordinances will be aggregated under “Article 10.”
 - LCPH sent out emails to industry seeking feedback on the impact of these changes to permits and compliance reporting. We received relatively little response.
 - There will not be any requirements to update permits.
 - LCPH will develop a mapping tool of ordinances from the current numbering system to the new numbering system.



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Local Ordinance Updates

- Linn County Public Health will follow the county process with an update of local air quality ordinances.
 - Update local regulations to conform with changes at the Federal and State Level.
- Implementing an appeal process for construction permits
 - A formal appeal process does not currently exist.
 - New process will provide structure for an administrative review by the Health Director and, if necessary, appeal the Linn County Board of Health.