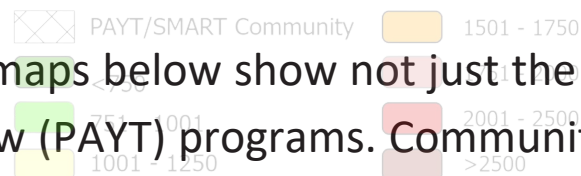


A Visual History of Trash Disposal and Municipal Action from 2011 to Today

Over the last decade, Massachusetts communities have made measurable strides in reducing waste through innovative local action. This document presents a visual timeline of municipal waste disposal rates—averaged per household—across the Commonwealth. The data comes from the Annual Recycling and Solid Waste Survey submitted by cities and towns, in collaboration with MassDEP and its Municipal Assistance Coordinators.

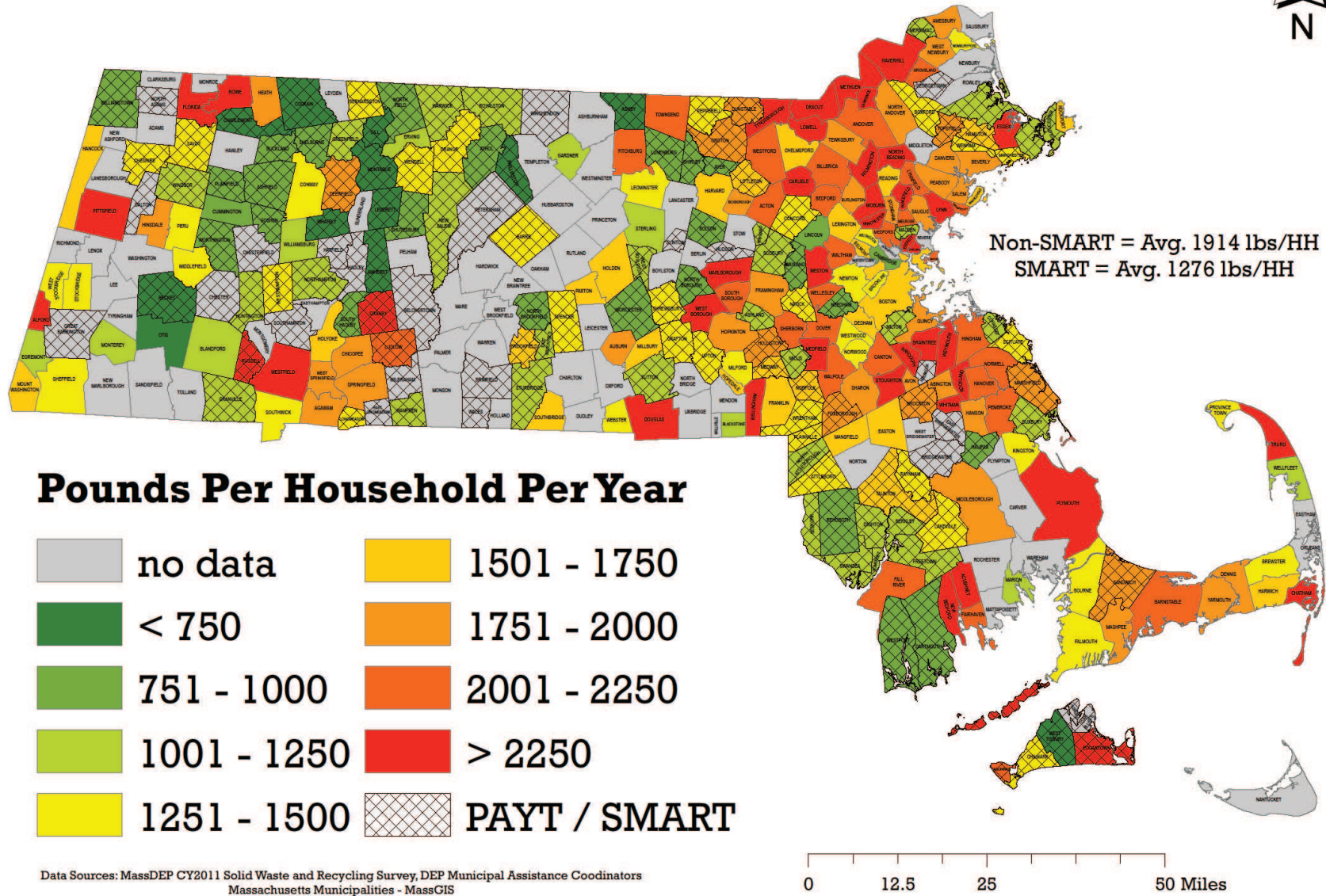


The maps below show not just the volume of waste, but also the clear impact of Pay-As-You-Throw (PAYT) programs. Communities with PAYT are highlighted with hatch marks. These towns and cities consistently appear in green and yellow on the maps—indicating significantly lower disposal rates than their non-PAYT neighbors. The trend is unmistakable: unit-based pricing leads to less trash.

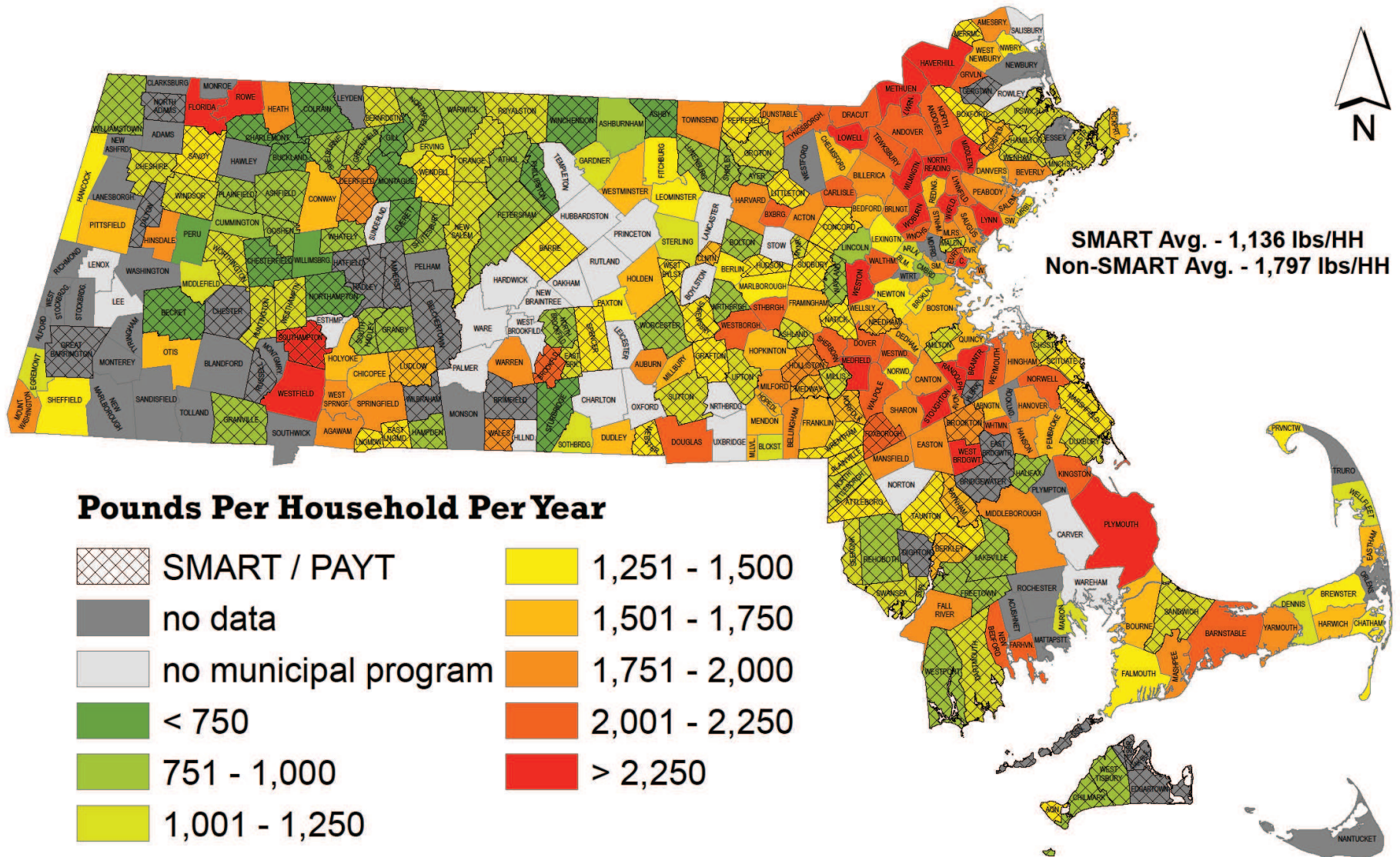


Calendar Year 2011

How Much Trash Do We Produce?



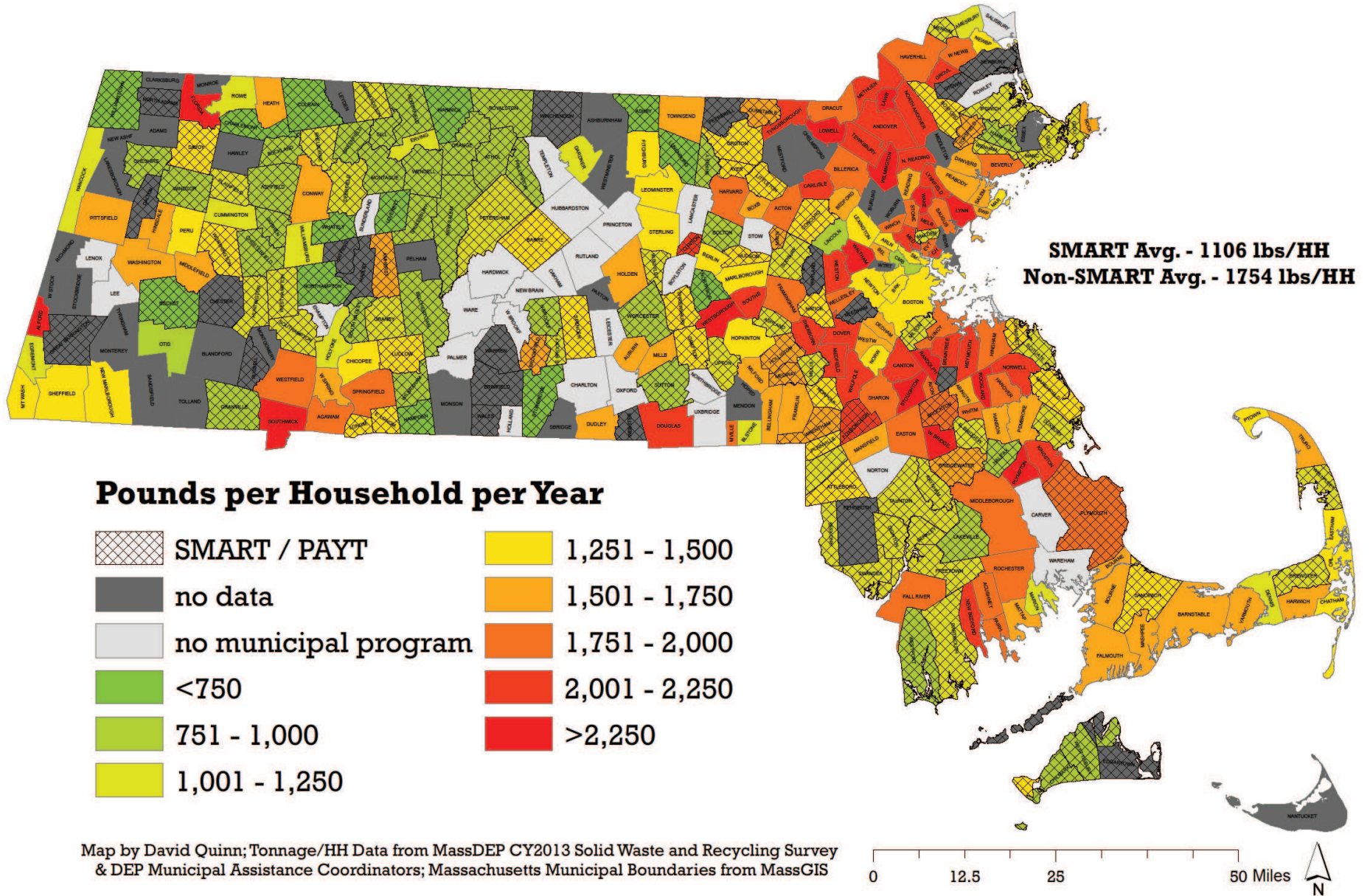
How Much Trash Did We Produce in 2012?



Map by David Quinn; Tonnage/HH Data from MassDEP CY2012 Solid Waste and Recycling Survey
 & DEP Municipal Assistance Coordinators; Massachusetts Municipalities from MassGIS

0 12.5 25 50 Miles

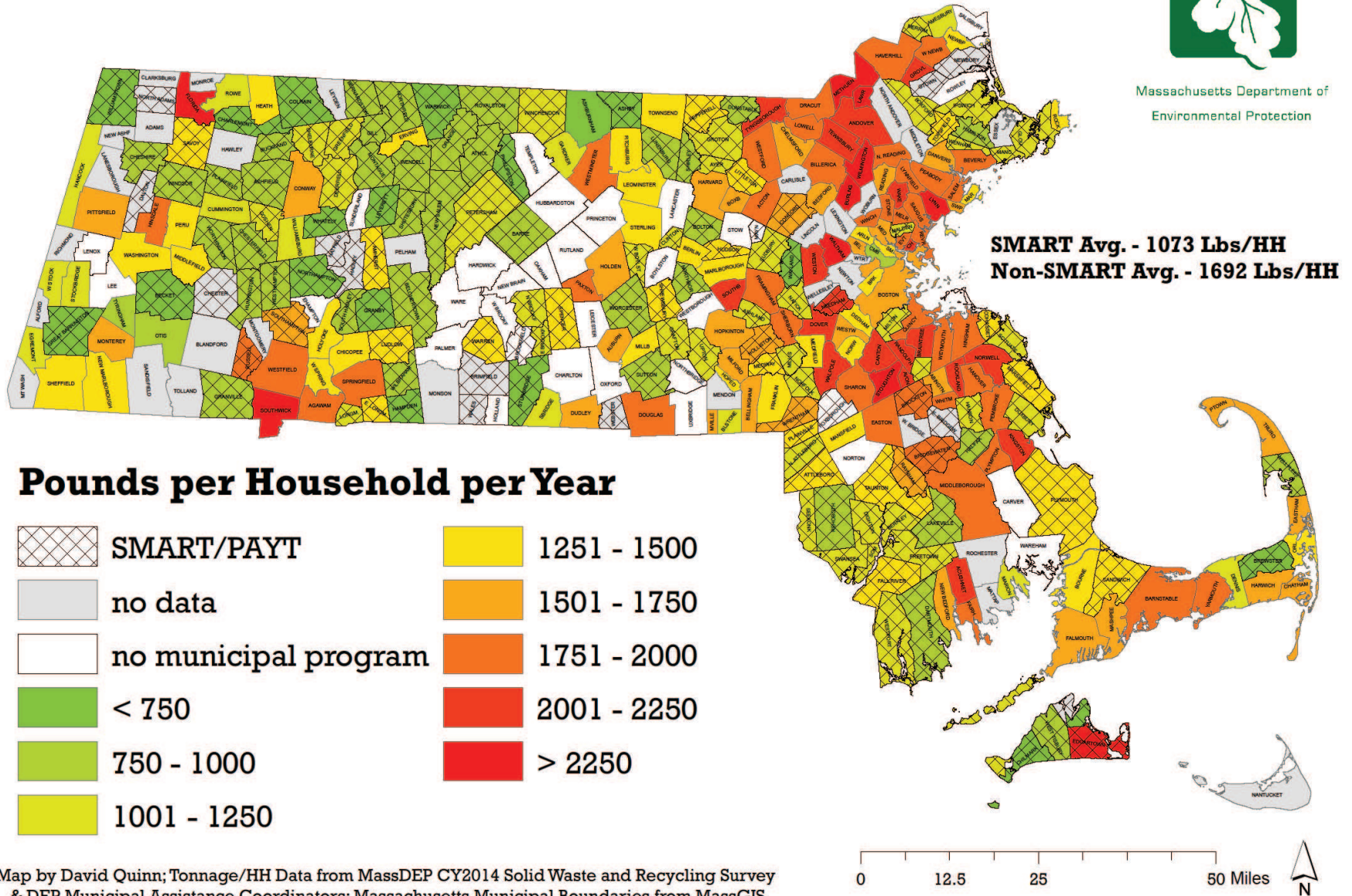
How Much Trash Did We Throw Out in 2013?



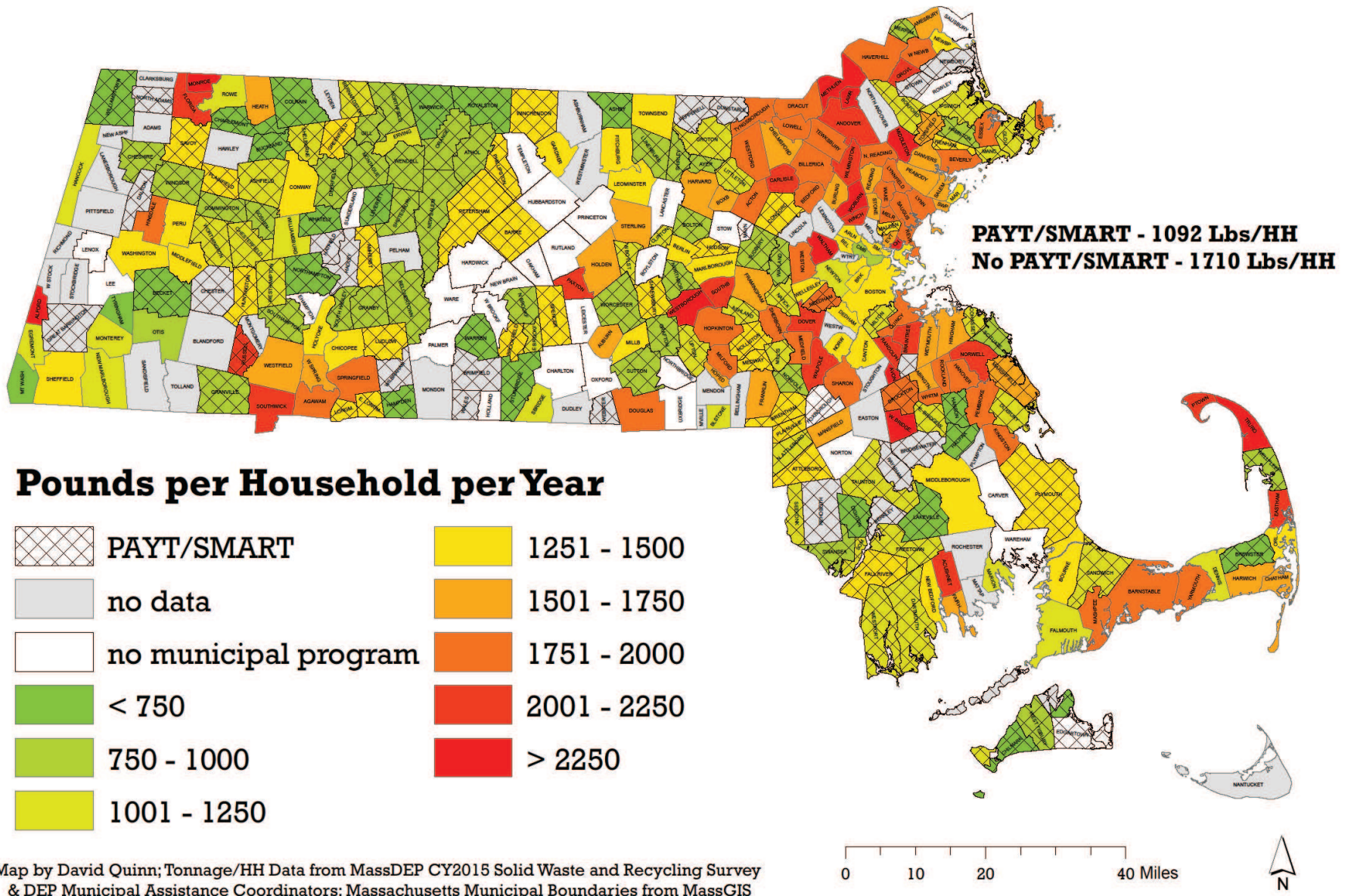
How Much Trash Did We Throw Out in 2014?



Massachusetts Department of
Environmental Protection



How Much Trash Did We Throw Out in 2015?

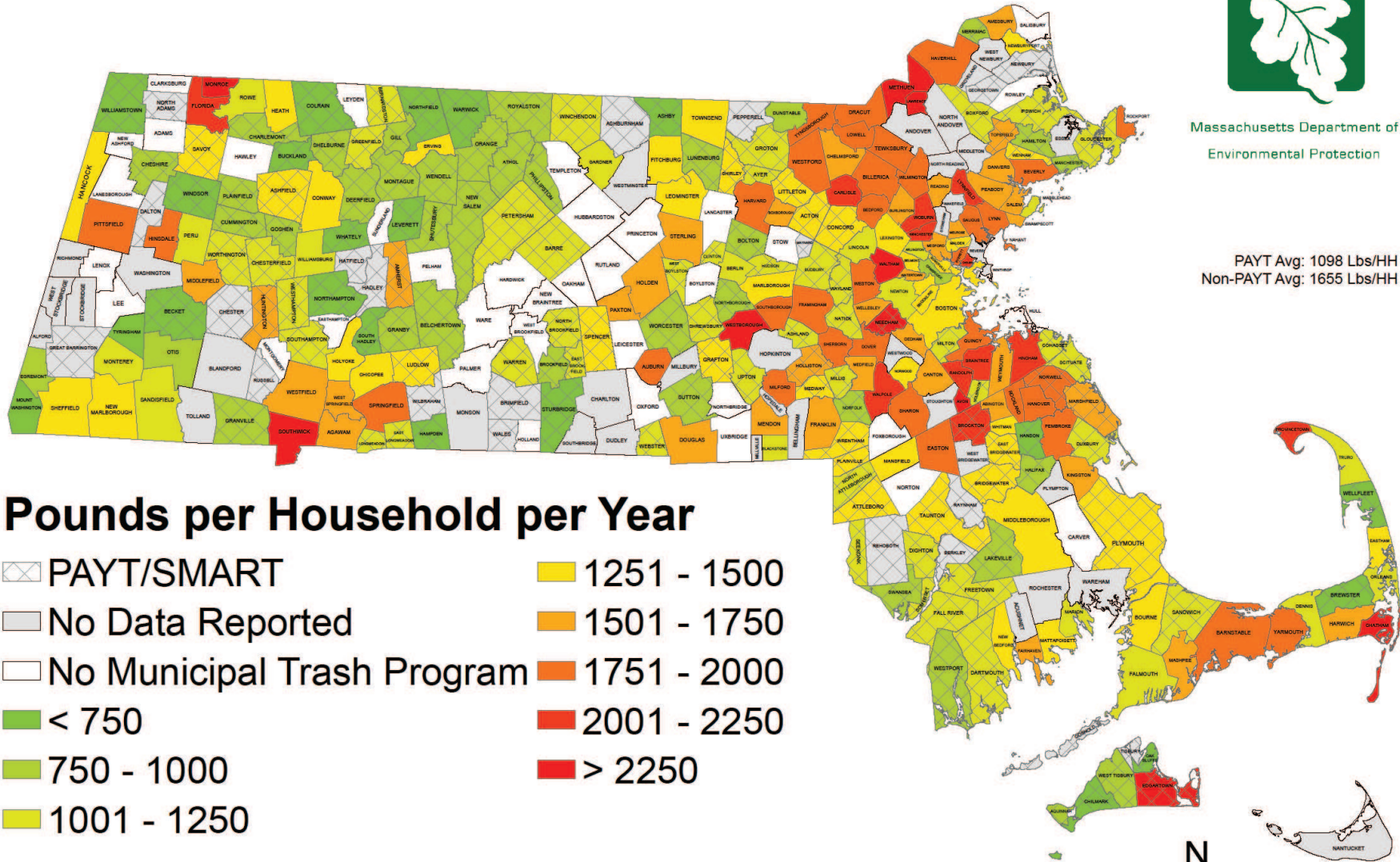


How Much Trash Did We Throw Out in 2016?



Massachusetts Department of
Environmental Protection

PAYT Avg: 1098 Lbs/HH
Non-PAYT Avg: 1655 Lbs/HH



Tonnage data from MassDEP CY2016 Recycling and Solid Waste Survey
Municipal Boundries provided by MassGIS
Map Prepared by J. Cook
January, 2018

0 12.5 25 50 Miles
1:384,000

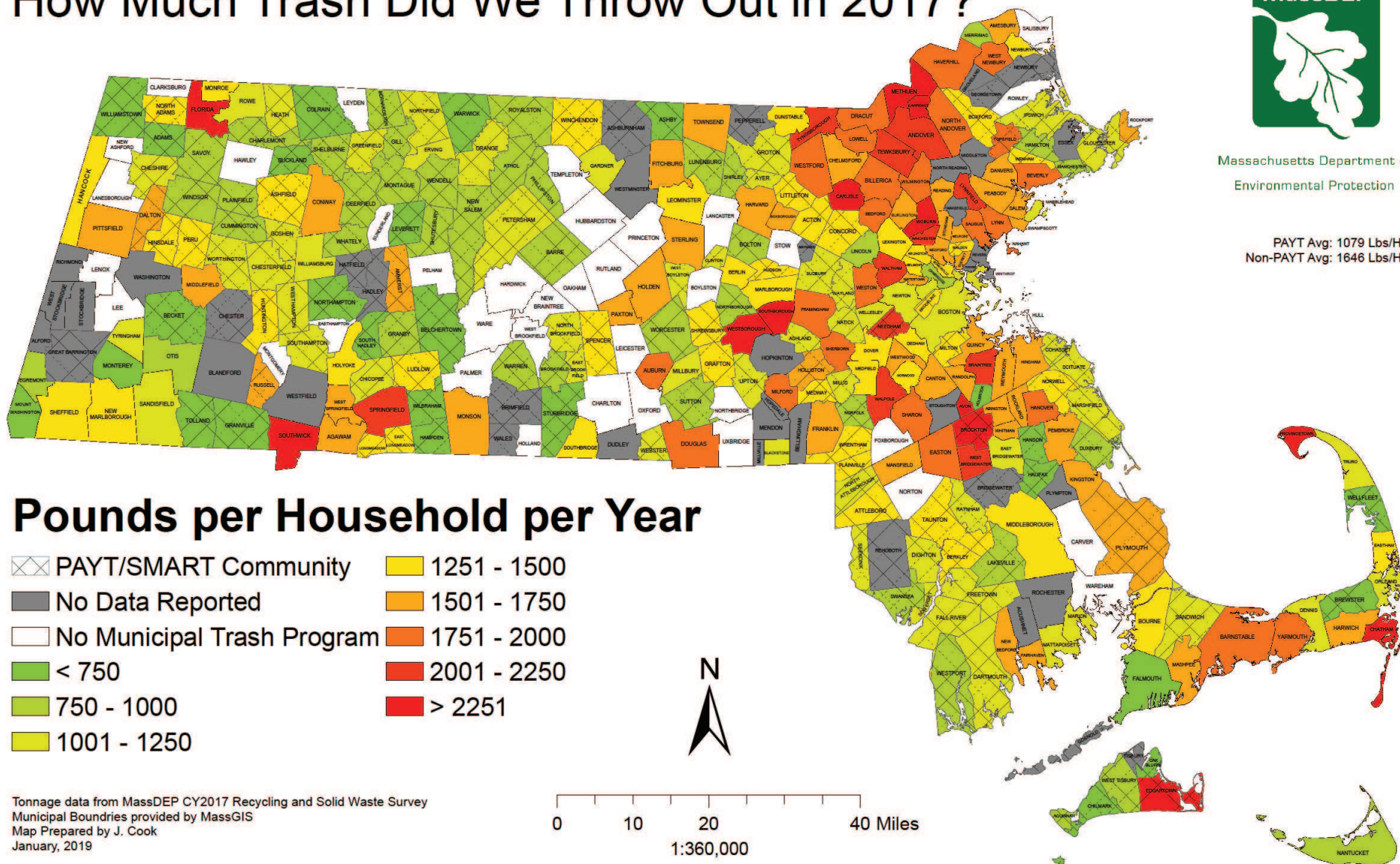


How Much Trash Did We Throw Out in 2017?



Massachusetts Department of
Environmental Protection

PAYT Avg: 1079 Lbs/HH
Non-PAYT Avg: 1646 Lbs/HH



How Much Trash Did We Throw Out in 2018?



Massachusetts Department of
Environmental Protection

PAYT Avg: 1072 Lbs/HH
Non-PAYT Avg: 1649 Lbs/HH

Pounds per Household per Year

-  PAYT

 No Data Reported

 No Municipal Trash Program

 < 750

 751 - 1000

 1001 - 1250
-  1251 - 1500

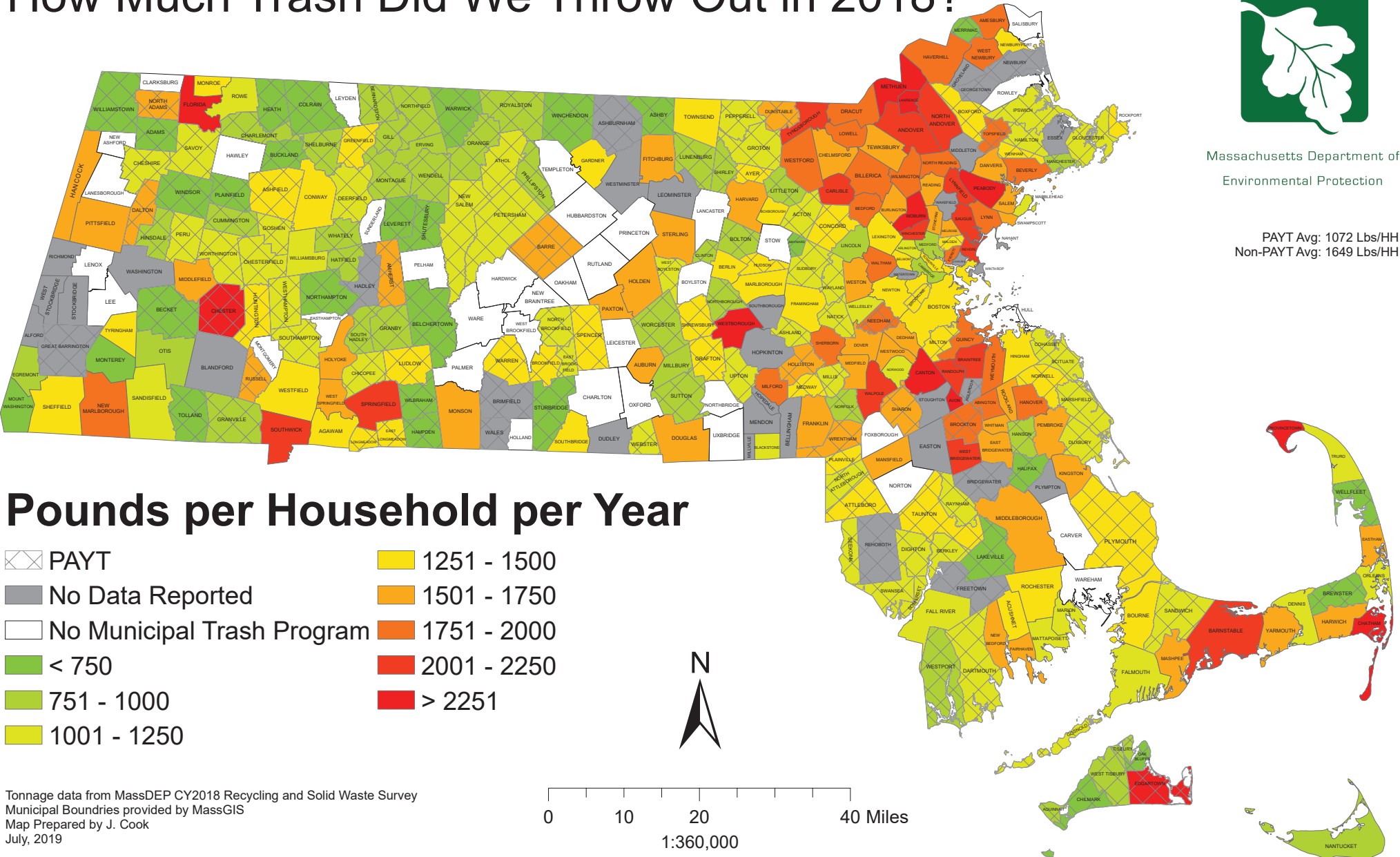
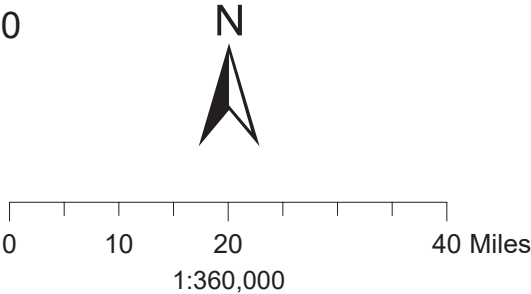
 1501 - 1750

 1751 - 2000

 2001 - 2250

 > 2251

Tonnage data from MassDEP CY2018 Recycling and Solid Waste Survey
Municipal Boundries provided by MassGIS
Map Prepared by J. Cook
July, 2019

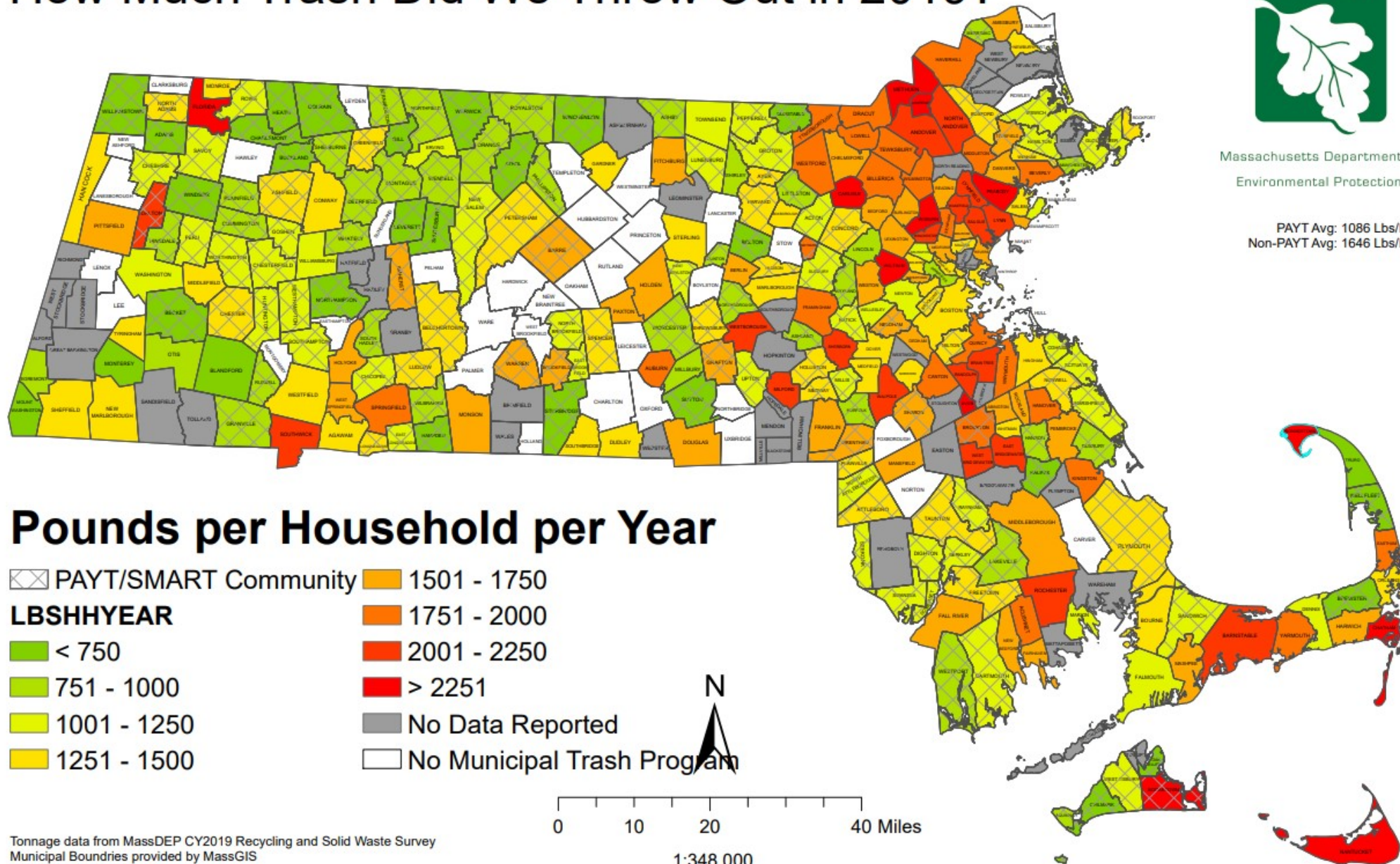


How Much Trash Did We Throw Out in 2019?



Massachusetts Department of
Environmental Protection

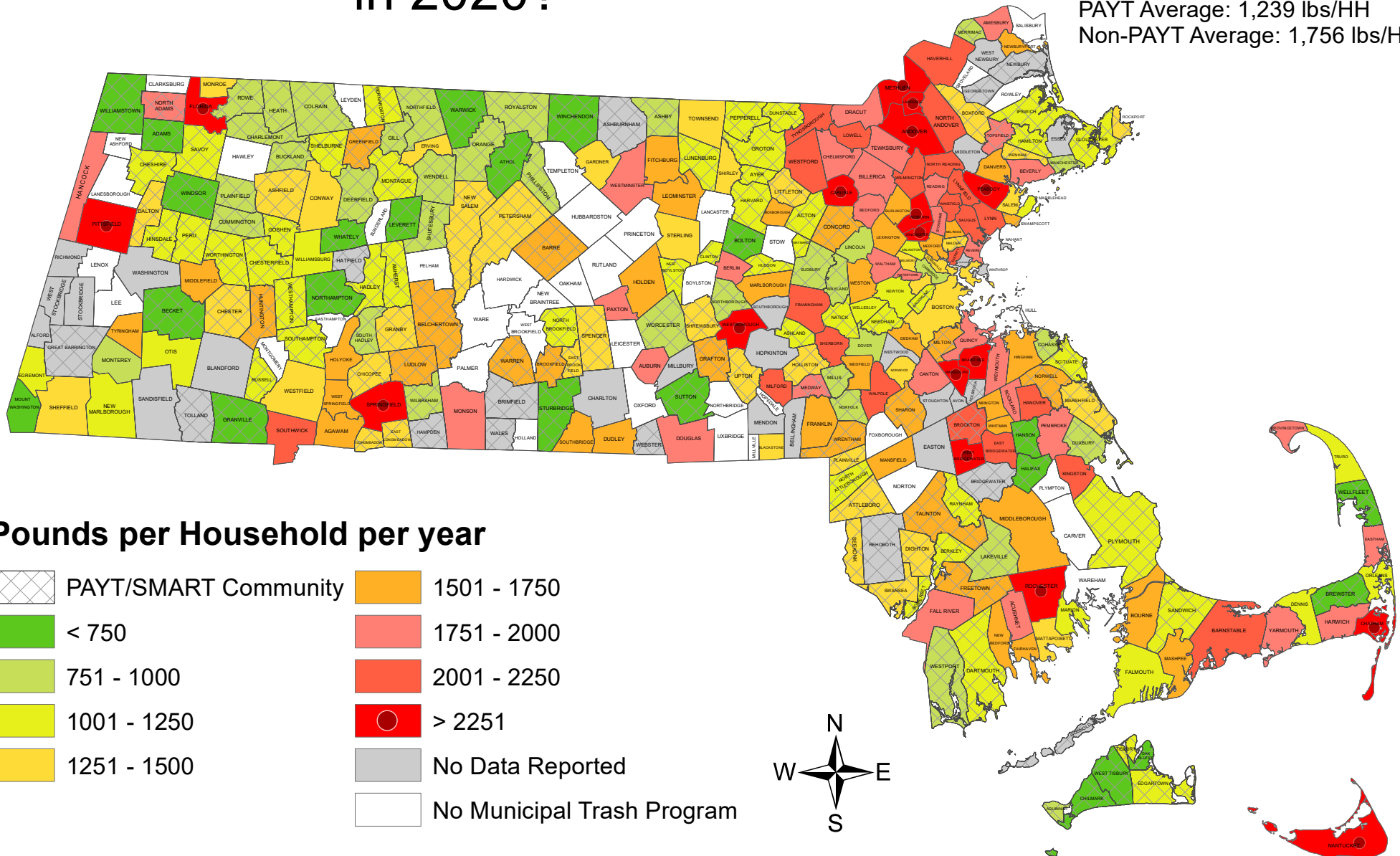
PAYT Avg: 1086 Lbs/HH
Non-PAYT Avg: 1646 Lbs/HH



Tonnage data from MassDEP CY2019 Recycling and Solid Waste Survey
Municipal Boundaries provided by MassGIS
Map Prepared by J. Cook
July, 2020

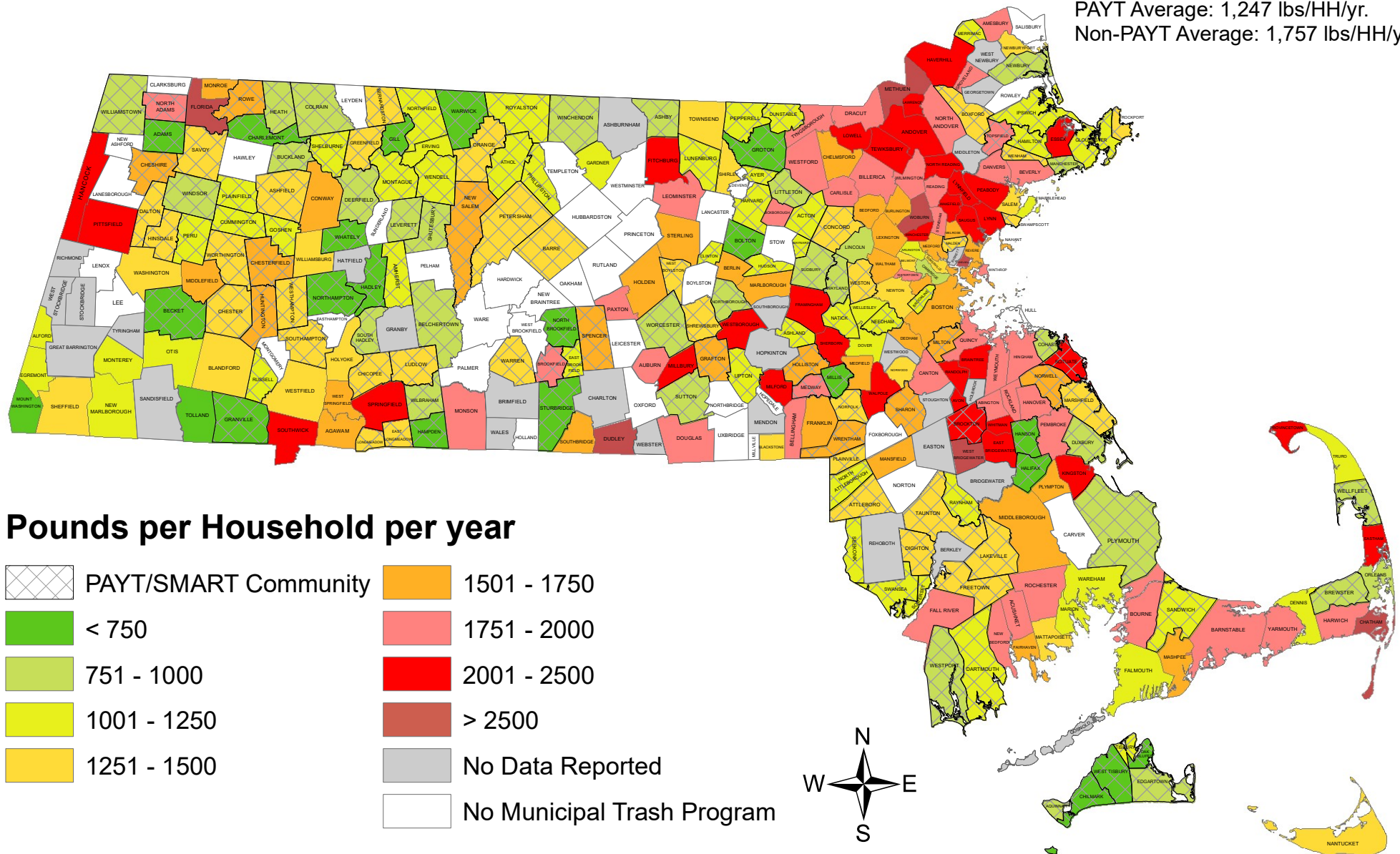
How Much Trash Did We Throw Out in 2020?

PAYT Average: 1,239 lbs/HH
Non-PAYT Average: 1,756 lbs/HH



How Much Trash Did We Throw Out in 2021?

PAYT Average: 1,247 lbs/HH/yr.
Non-PAYT Average: 1,757 lbs/HH/yr

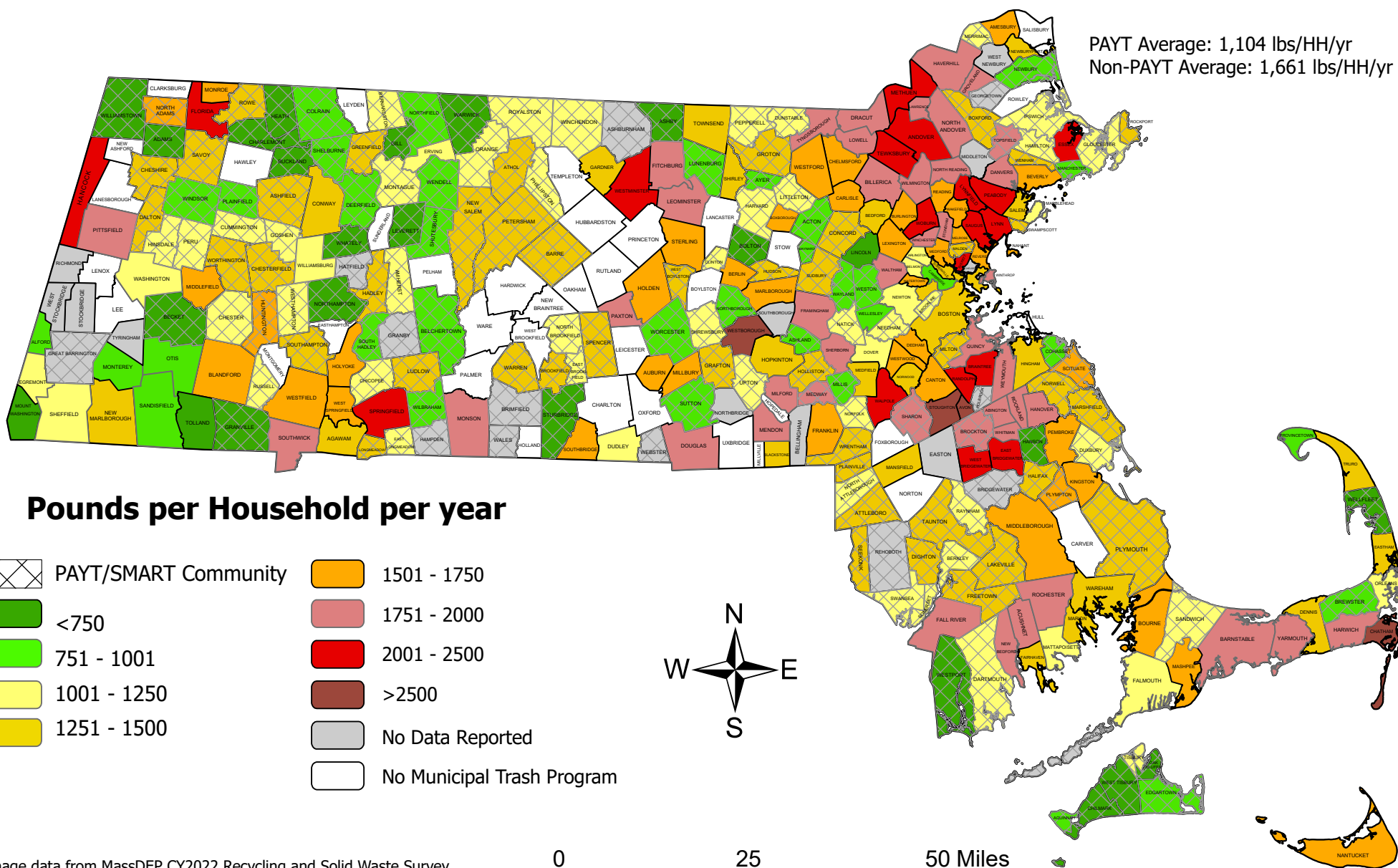


Tonnage data from MassDEP CY2021 Recycling and Solid Waste Survey
This data includes tonnage from municipal bulky waste collection
Municipal Boundaries provided by MassGIS
Map Prepared by MassDEP GIS Program. November, 2022



How Much Trash Did We Throw Out in 2022?

PAYT Average: 1,104 lbs/HH/yr
Non-PAYT Average: 1,661 lbs/HH/yr

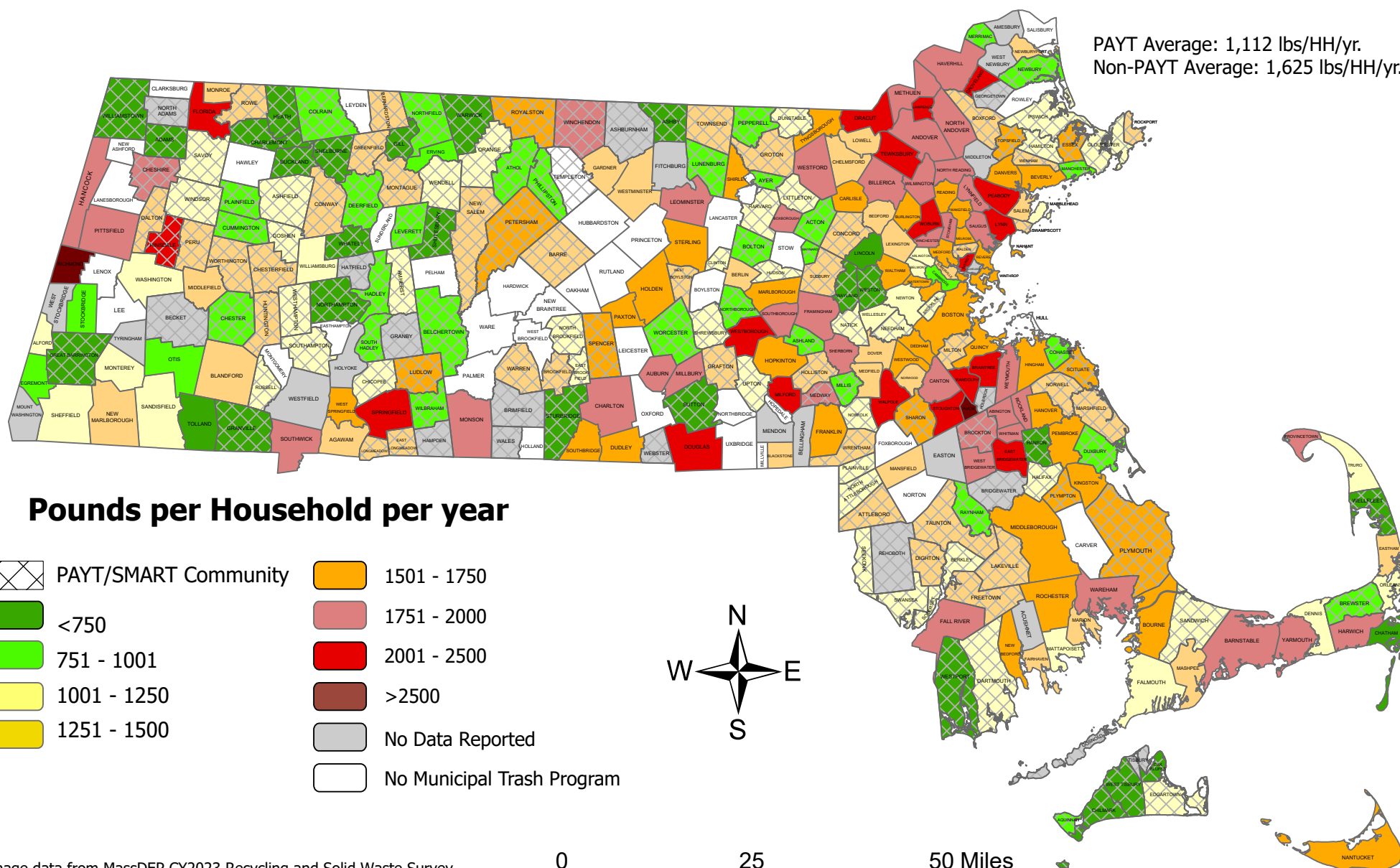


Tonnage data from MassDEP CY2022 Recycling and Solid Waste Survey
This data includes tonnage from municipal bulky waste collection
Municipal Boundaries provided by MassGIS
Map Prepared by MassDEP GIS Program, October, 2023



How Much Trash Did We Throw Out in 2023?

PAYT Average: 1,112 lbs/HH/yr.
Non-PAYT Average: 1,625 lbs/HH/yr.

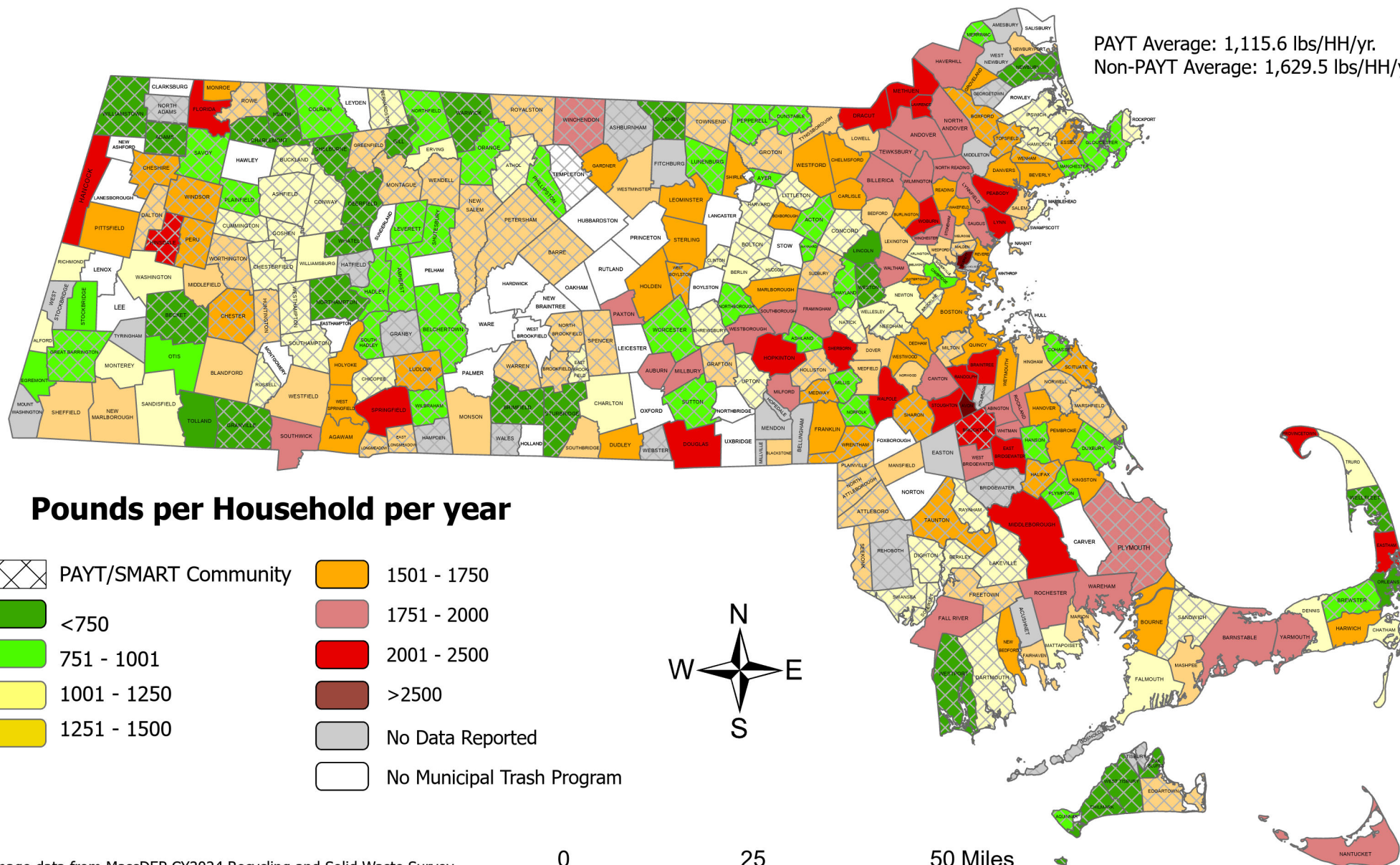


Tonnage data from MassDEP CY2023 Recycling and Solid Waste Survey
This data includes tonnage from municipal bulky waste collection
Municipal Boundaries provided by MassGIS
Map Prepared by MassDEP GIS Program, December, 2024



How Much Trash Did We Throw Out in 2024?

PAYT Average: 1,115.6 lbs/HH/yr.
Non-PAYT Average: 1,629.5 lbs/HH/yr.



Tonnage data from MassDEP CY2024 Recycling and Solid Waste Survey
This data includes tonnage from municipal bulky waste collection
Municipal Boundaries provided by MassGIS
Map Prepared by MassDEP GIS Program, June, 2025