



# Beach Brigade 2022 Yearly Summary

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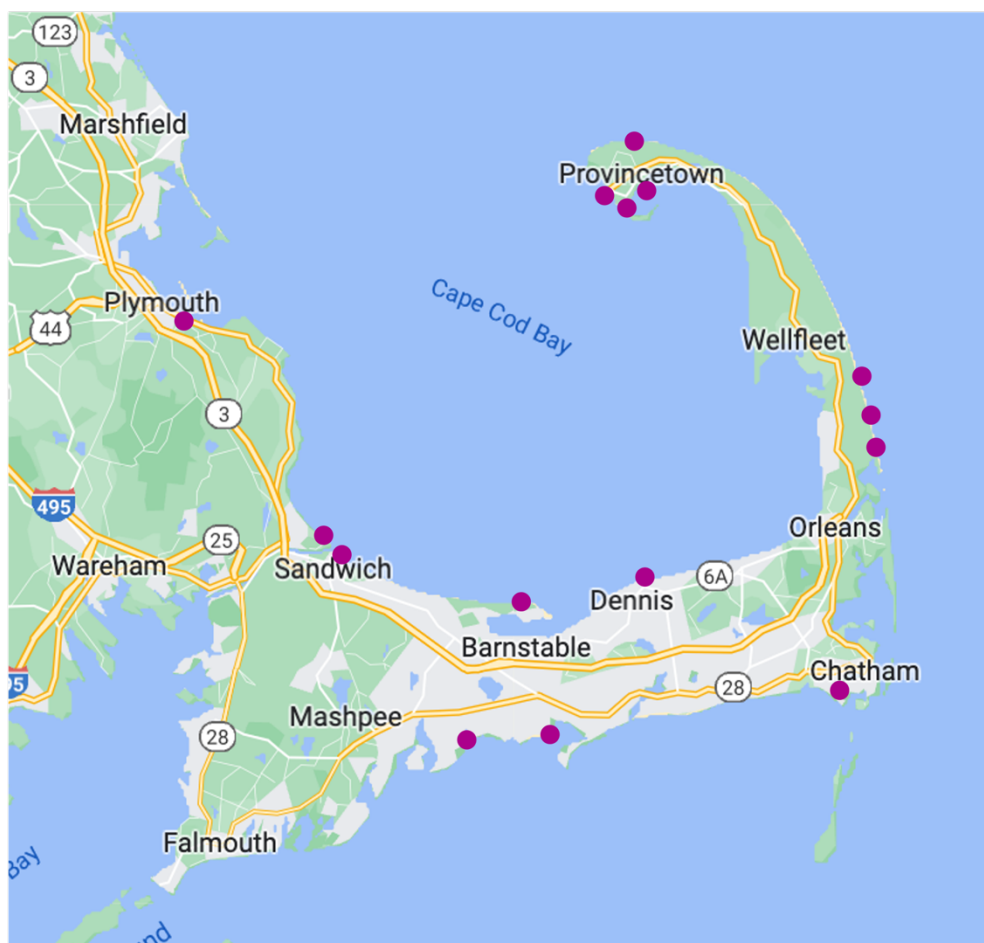
# Shoreline Cleanups- Locations



\*does not include Outer Cape Cleanup data

- 26 cleanups were completed on beaches throughout Cape Cod in 2022
- 187 volunteers participated in these cleanups

Plymouth Beach  
Scusset Beach  
Town Neck Beach  
Craigville Beach  
Sandy Neck  
Veterans Beach  
Kalmus Beach  
Crowes Pasture  
Harding's Beach  
Coast Guard Beach  
Nauset Light Beach  
Marconi Beach  
Race Point  
Hatches Harbor  
Herring Cove  
Wood End  
Long Point  
Ryder Street Beach  
East End Beach





# Shoreline Cleanups- Top Debris

\*does not include Outer Cape Cleanup data



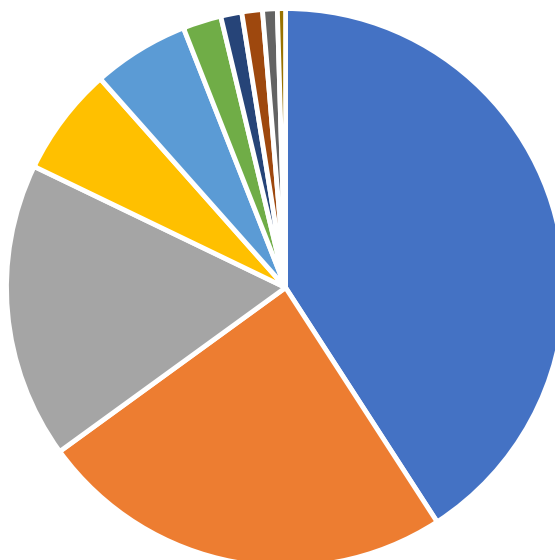
## Top 10 Debris

- 2,570 non-descript rigid plastic
- 2,242 cigarette butts
- 2,221 food wrappers
- 1,820 non-descript plastic film
- 1,580 plastic bottle caps
- 1,036 non-descript foam
- 972 rope pieces < 3ft
- 783 net pieces
- 586 balloons/strings
- 444 straws/stirrers



## Top Debris Materials

- Hard Plastic
- Film Plastic
- Foam Plastic
- Rope
- Paper/cardboard
- Metal
- Cloth
- Rubber
- Glass
- Wood





# Shoreline Cleanups- Fishing Gear



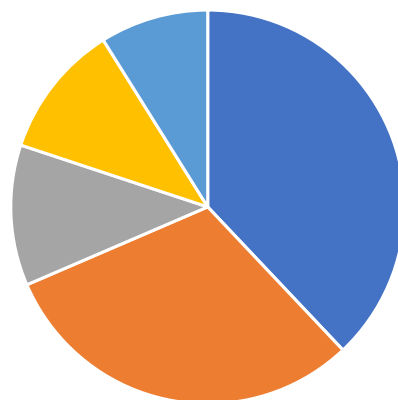
\*does not include Outer Cape Cleanup data

- 3,462 pieces of fishing gear were removed

## Top 5 Fishing Gear

- 972 rope pieces < 3ft
- 783 net pieces
- 296 lobster trap vents
- 282 lobster trap ID tags
- 228 lobster claw bands

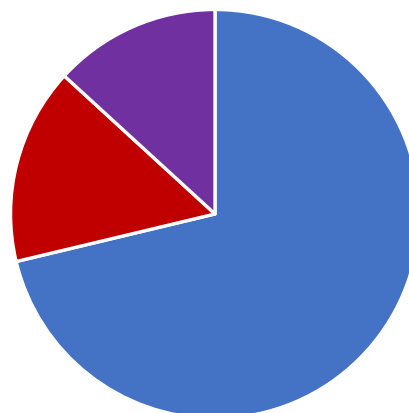
■ Rope < 3ft  
■ Net pieces  
■ Lobster trap vents  
■ Lobster trap ID tags  
■ Lobster claw bands



## Rope

- 972 rope pieces < 3ft
- 212 rope pieces > 3 ft
- 180 rope knots

■ Rope < 3ft  
■ Rope > 3ft  
■ Rope knots



# Outer Cape Cleanup- Dates & Locations



## Part I: September 30, 2022

Day 1: Coast Guard → LeCount Hollow

## Part II: October 15-17, 2022

Day 2: LeCount Hollow → Ballston

Day 3: Ballston → High Head

Day 4: High Head → Race Point

- 44 volunteers over 4 days
- About 30 miles of coastline
- 14,589 pieces of debris removed





# Outer Cape Cleanup- Top 5: Day by day



## Day 1: Coast Guard → LeCount Hollow

- 327 non-descript rigid plastic
- 202 rope pieces < 3 ft
- 227 non-descript plastic film
- 172 food wrappers
- 160 balloons/strings

## Day 2: LeCount Hollow → Ballston

- 517 non-descript rigid plastic
- 368 non-descript plastic film
- 292 food wrappers
- 235 balloons/strings
- 227 plastic bottle caps

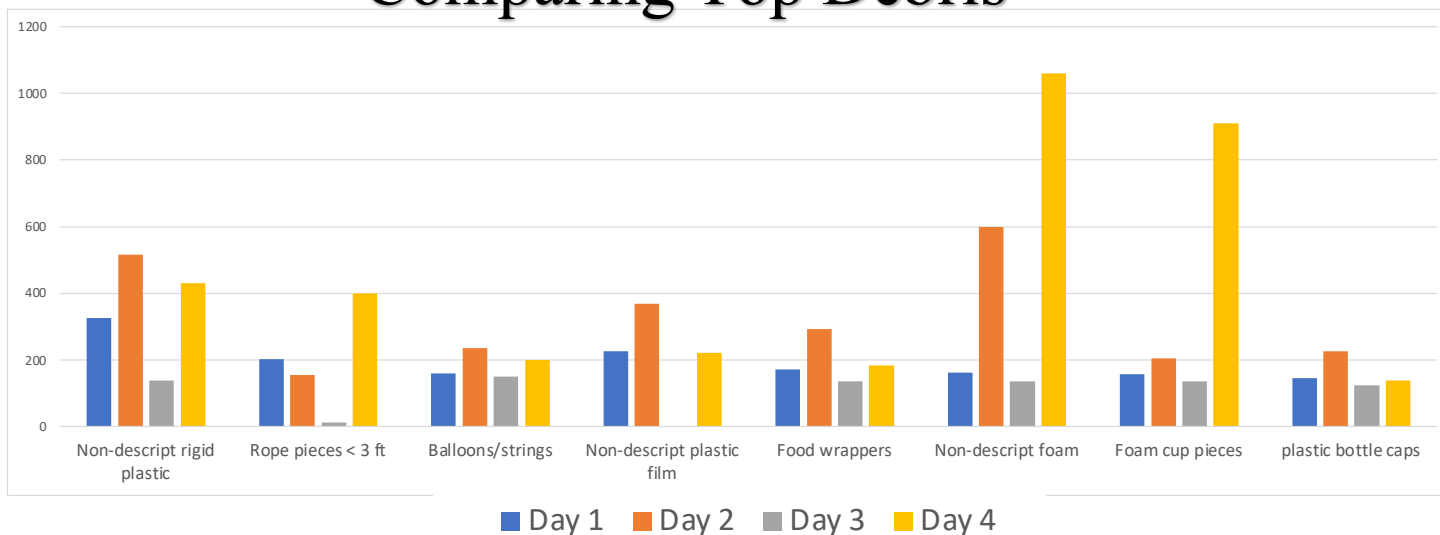
## Day 3: Ballston → High Head

- 151 balloons/strings
- 138 non-descript rigid plastic
- 135 foam cup pieces
- 137 food wrappers
- 126 rope pieces < 3 ft

## Day 4: High Head → Race Point

- 1059 non-descript foam
- 910 foam cup pieces
- 430 non-descript rigid plastic
- 399 rope pieces < 3 ft
- 221 non-descript plastic film

## Comparing Top Debris



# Outer Cape Cleanup- Overall Totals



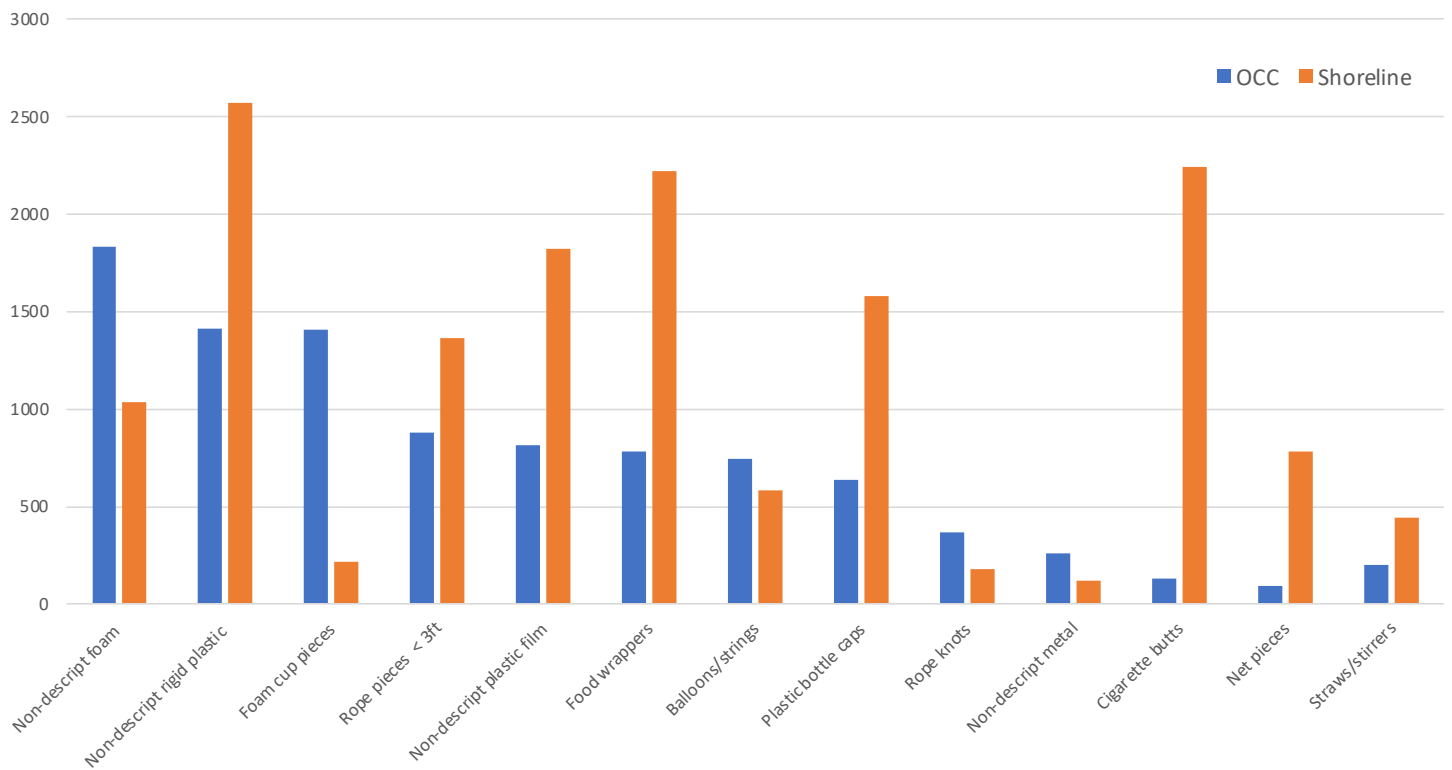
## Top 10 Debris

- 1,831 non-descript foam
- 1,412 non-descript rigid plastic
- 1,406 foam cup pieces
- 881 rope pieces < 3 ft
- 816 non-descript plastic film
- 785 food wrappers
- 745 balloons/strings
- 637 plastic bottle caps
- 368 rope knots
- 262 non-descript metal





# Outer Cape Cleanup vs. Shoreline- Top Debris



## 2022 Yearly Totals



Total trash items removed: 36,983 pieces

### 2022 Top 10 Debris

- 3,727 non-descript rigid plastic
- 2,702 food wrappers
- 2,636 non-descript plastic film
- 2,371 cigarette butts
- 2,217 plastic bottle caps
- 2,786 non-descript foam
- 1,853 rope pieces < 3 ft
- 1,626 foam cup pieces
- 1,331 balloons/strings
- 878 net pieces





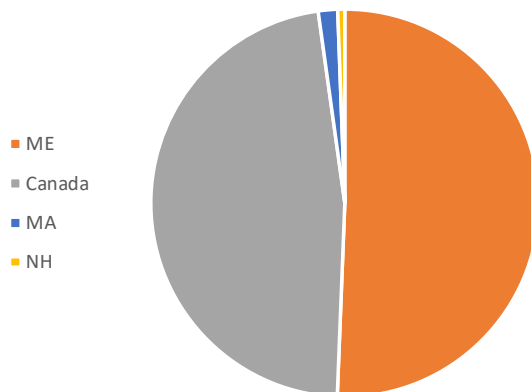
# Lobster Trap ID Tags



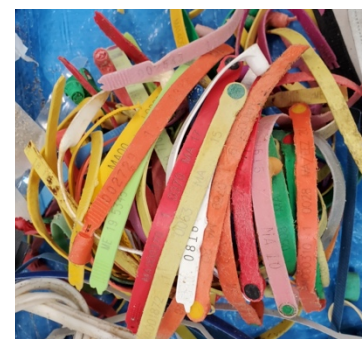
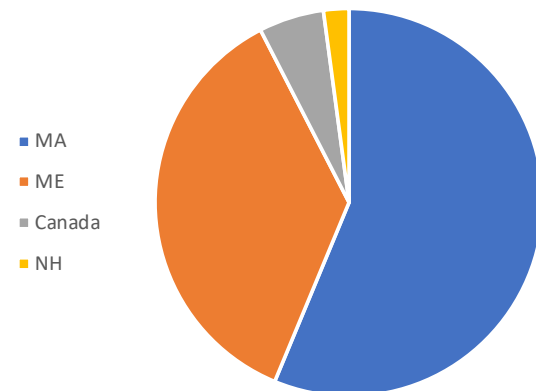
- 3,985 tags collected and recorded (as of August 2022)
  - 2,805 logged from Nova Scotia
  - 1,179 logged from Cape Cod



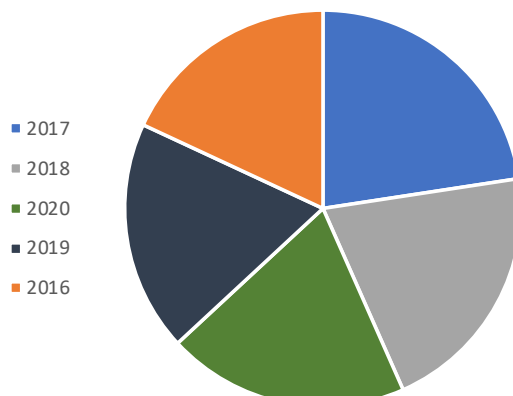
Tags Found in Canada



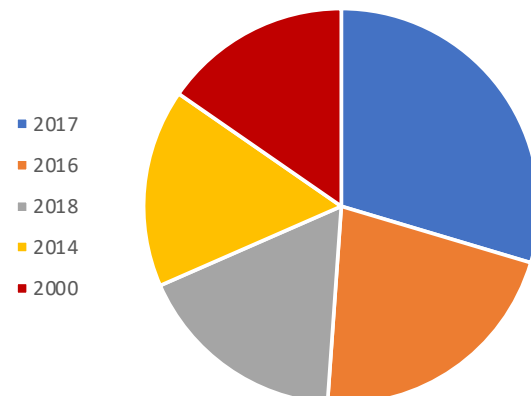
Tags Found in the US



Top Years Found in Canada



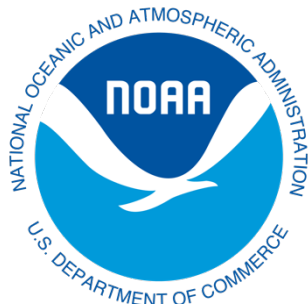
Top Years Found in the US



# Thank you!



It was a great year, and all of this data would not have been collected without all of your hard work and support from the NOAA Marine Debris Program. Thank you for your time, dedication, support, and positive attitudes! Happy holidays, and cheers to 2023!!





## Photo Credit



- Rebecca Arnold
- Kathryn Brooks
- Karen Jenner
- Laura Ludwig
- Lyssa Manning
- Crystal Santos
- Fiona Skeggs
- Sarah Thornington

