

# MD Oyster Industry Growth Since 2010

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UM College Park • UM Eastern Shore

# Background

- Oyster Lease Law Revised 2009
- New Applications Accepted Sept 2010
- Permit Streamlining Began In 2011
- Remote Setting Program Began 2011
- Continued Increase Across All Production Methods

# Increase in Leases

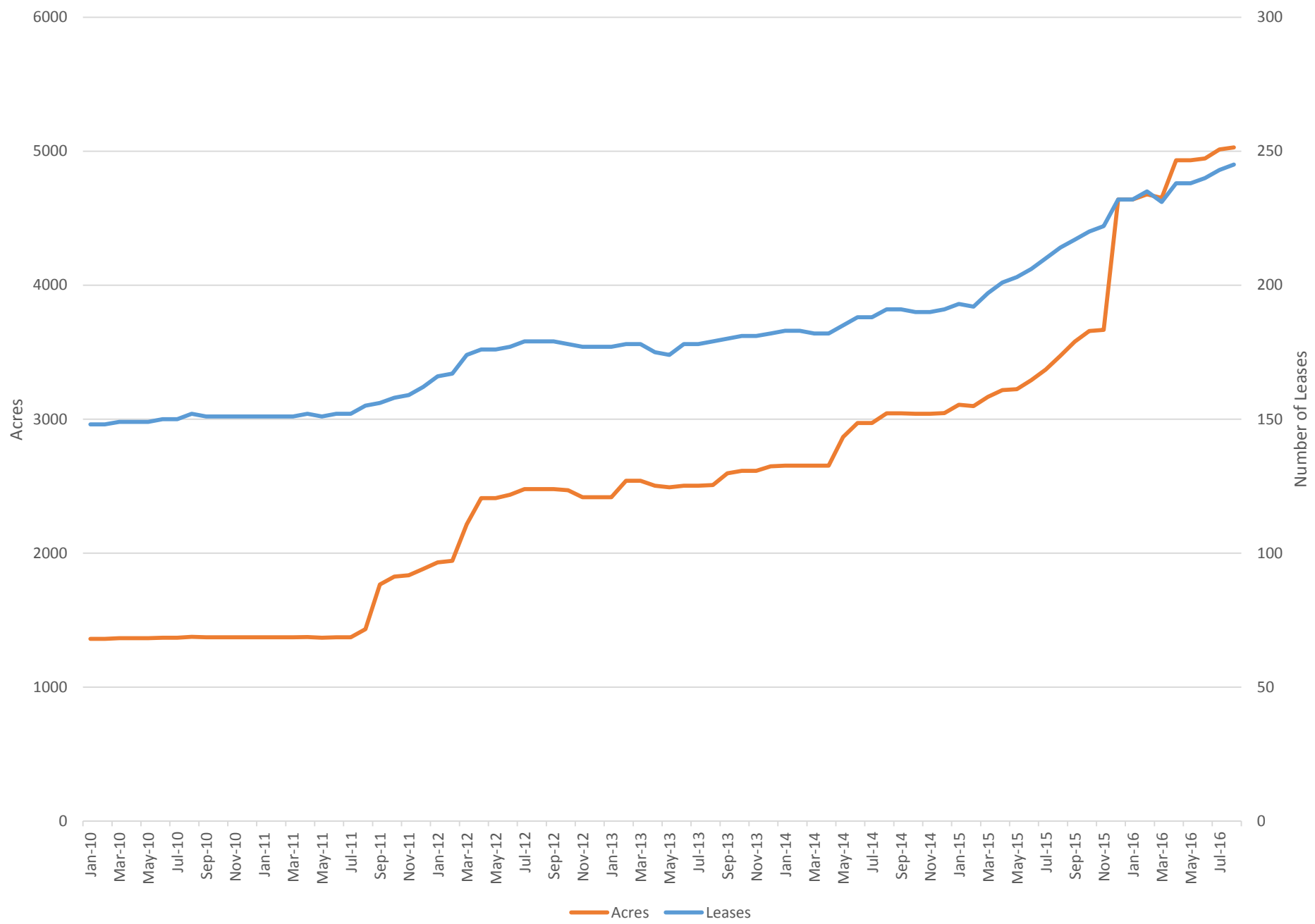
## Bottom Culture

- Jan 2010
  - 148 leases
  - 1360 acres
- Aug 2016
  - 245 leases
  - 5028 acres
- 65% increase in leases
- 269% increase in acres

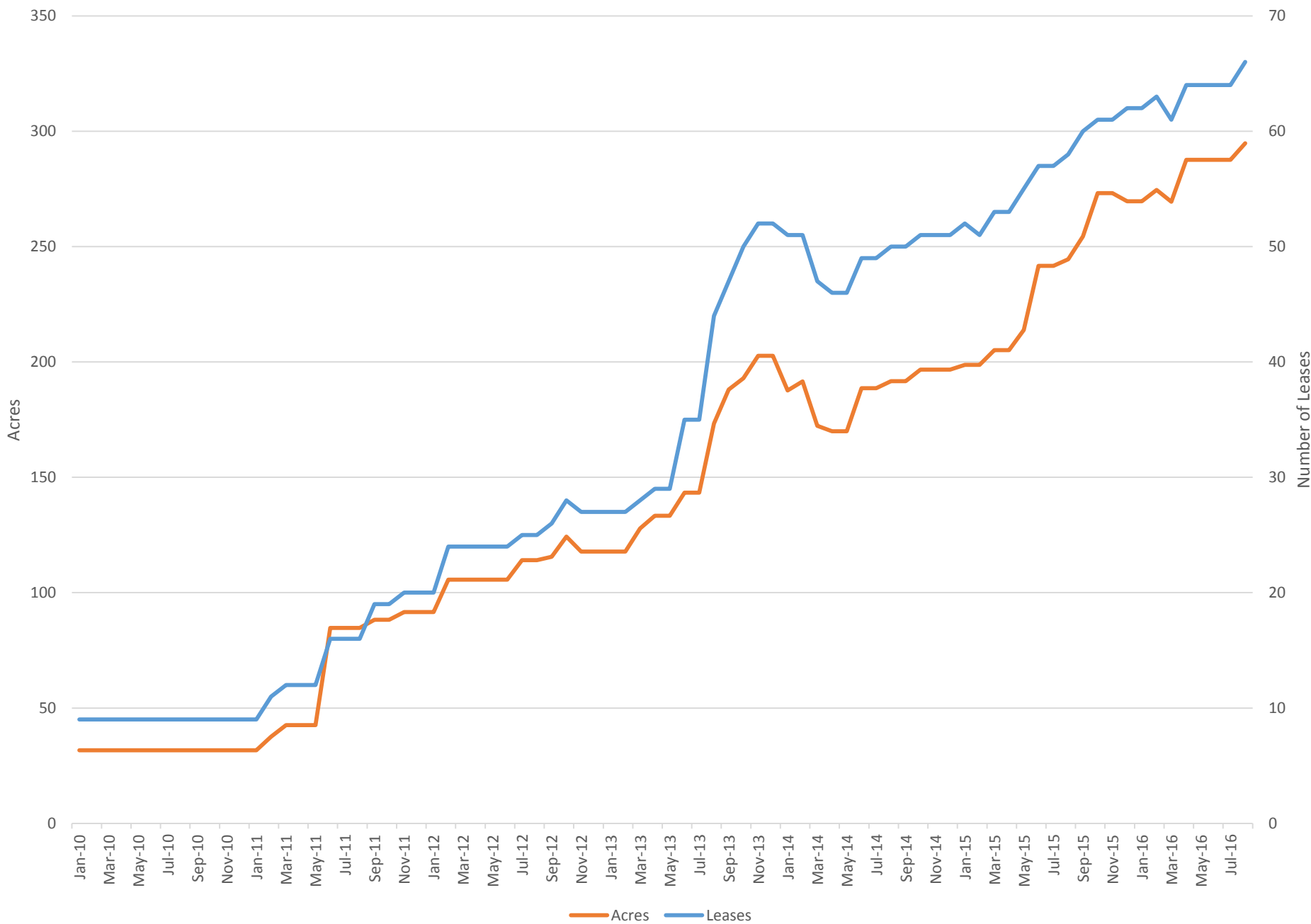
## Water Column

- Jan 2010
  - 9 leases
  - 31 acres
- Aug 2016
  - 66 leases
  - 294 acres
- 633% increase in leases
- 848% increase in acres

# Maryland Oyster Aquaculture: Bottom Culture Industry



# Maryland Oyster Aquaculture: Water Column Industry



# Production Increases

## Bottom Culture

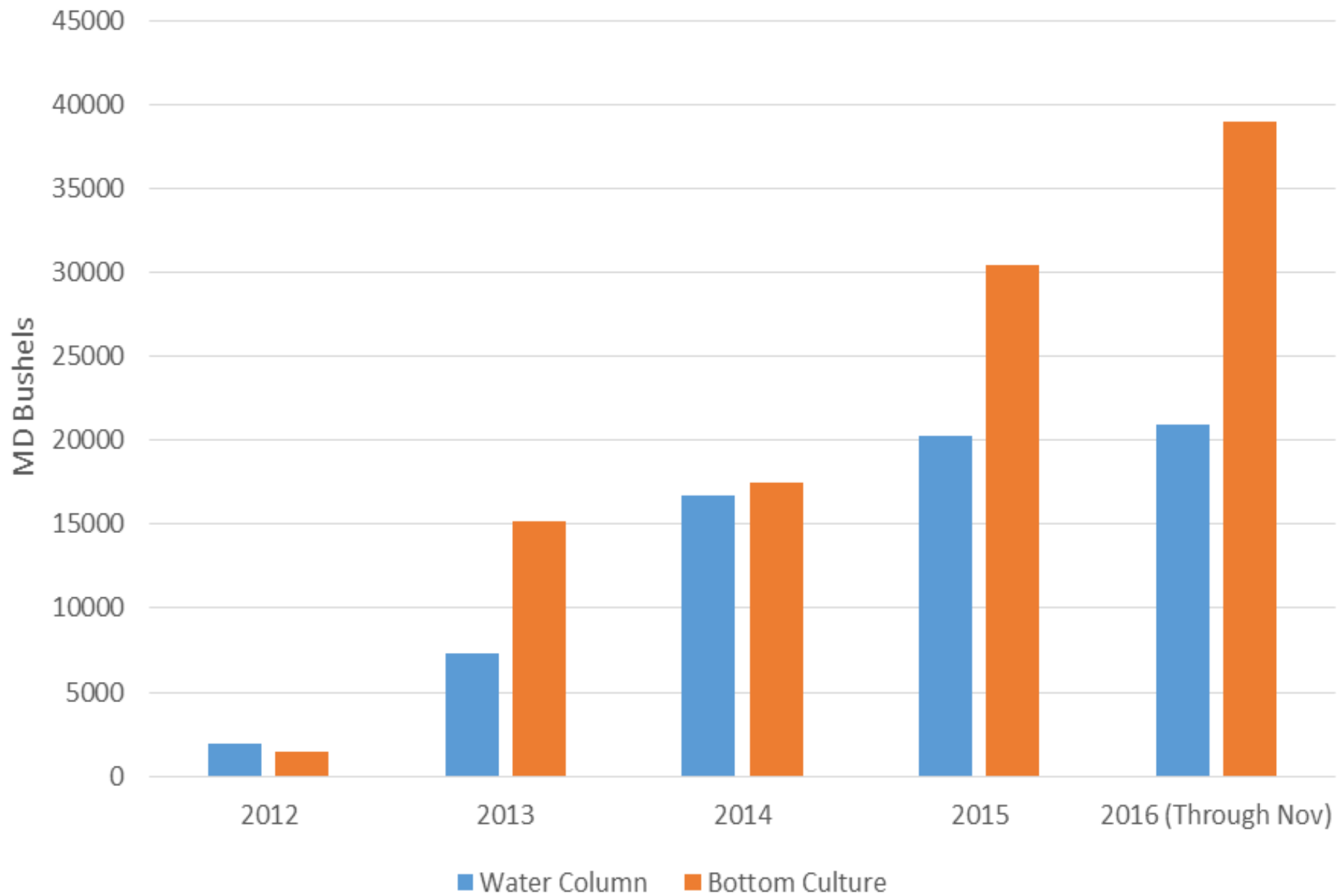
- 2012
  - 1,417 bushels
- 2016 (Through Nov)
  - 39,016 bushels
- 2653% increase

## Water Column Culture

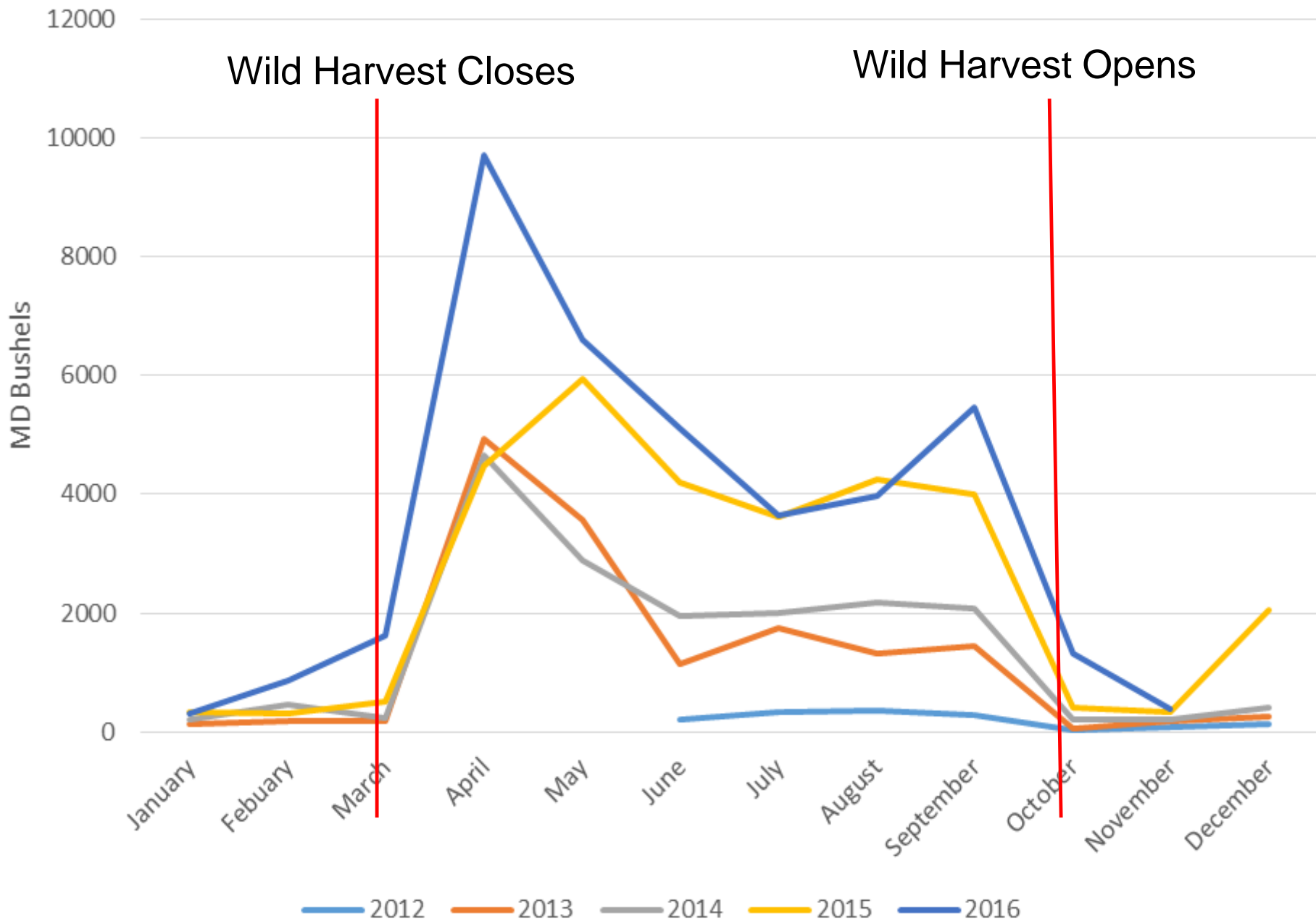
- 2012
  - 1,922 bushels
- 2016 (Through Nov)
  - 20,894 bushels
- 987% increase

**Overall 1,019% increase in  
production since 2012**

# Maryland Oyster Aquaculture Harvests

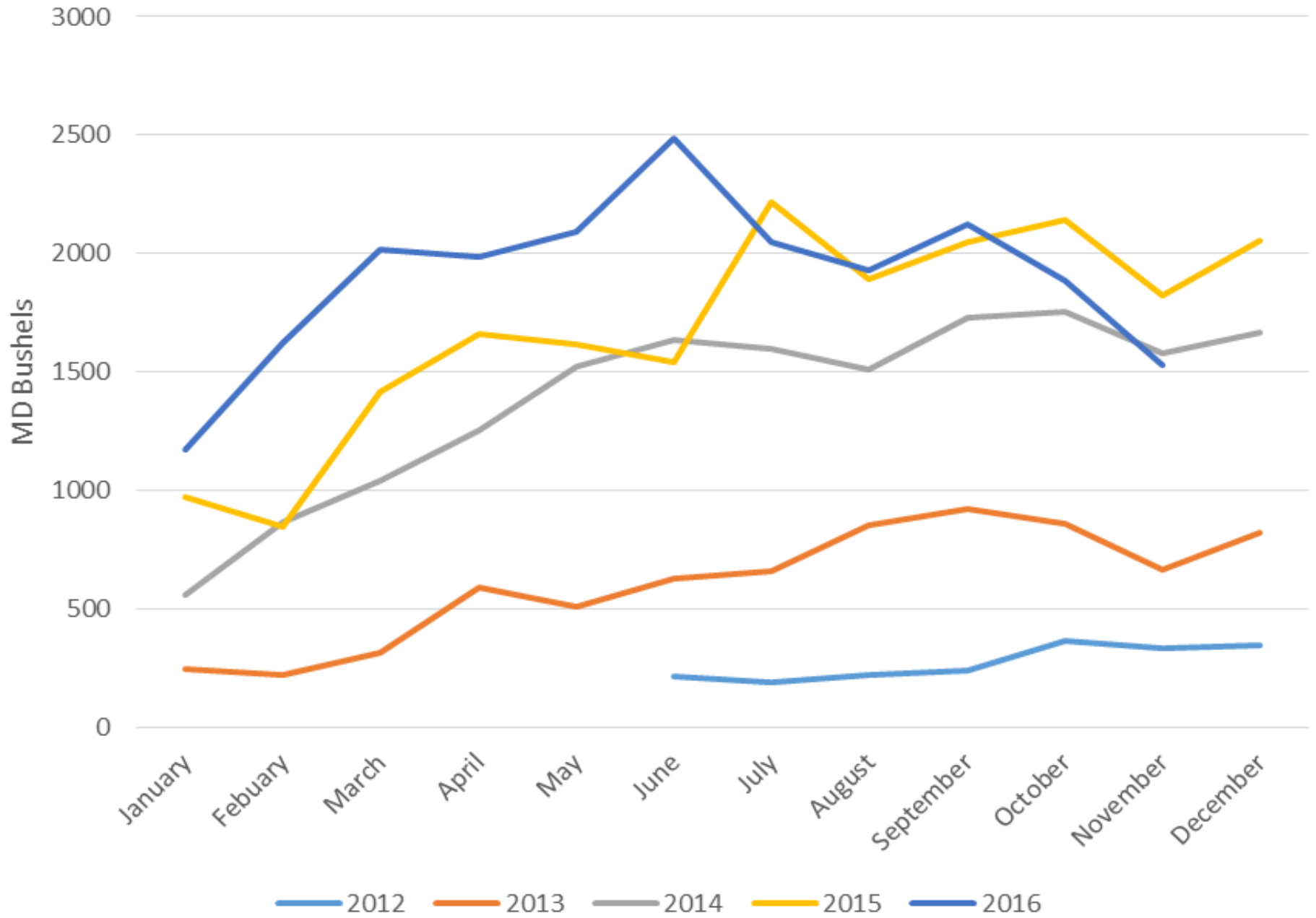


# Bottom Culture Aquaculture Harvest by Month





# Water Column Culture Aquaculture Harvest by Month



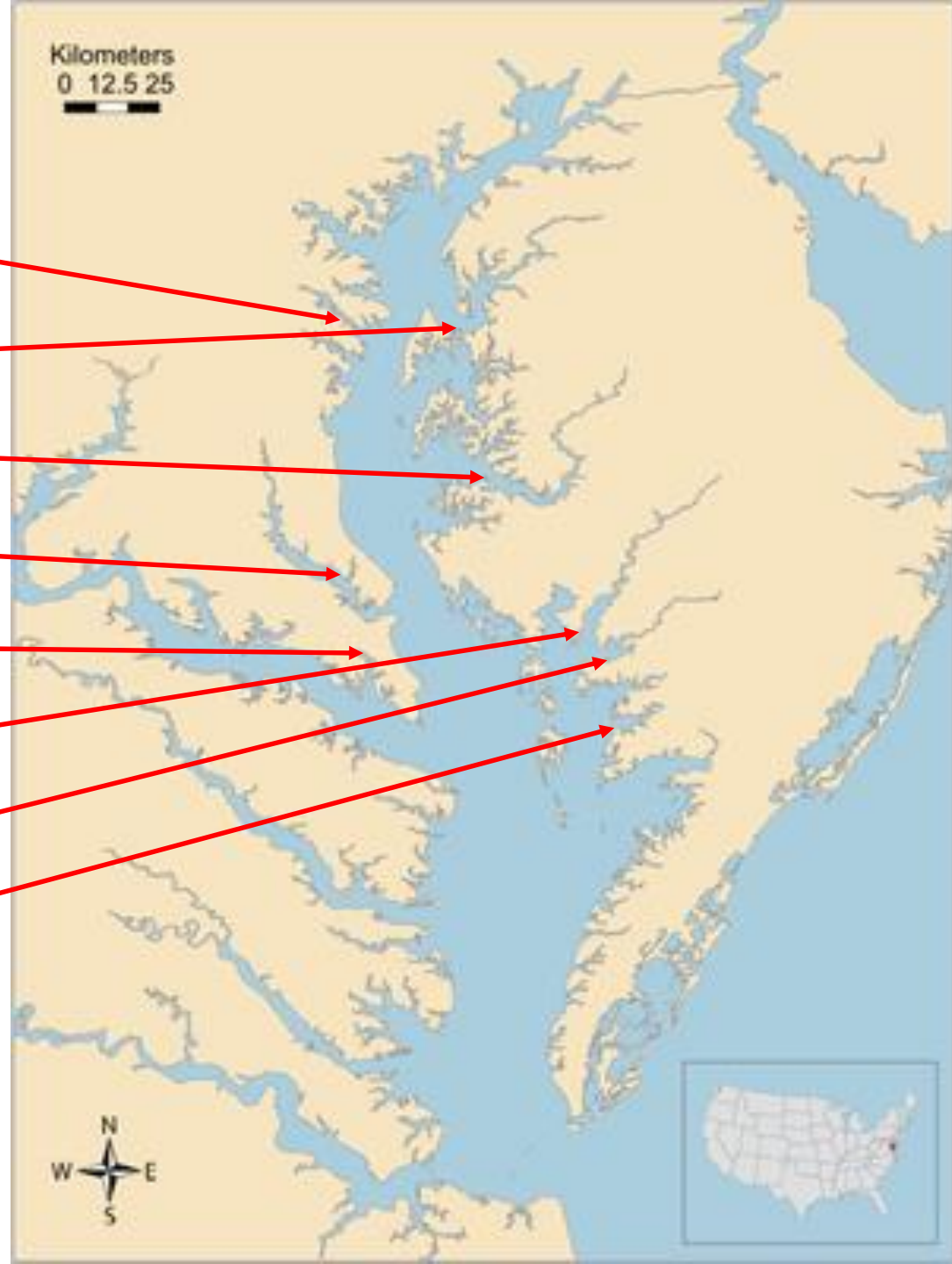
# Remote Setting Program

- Began in 2011 with funding from ORP
  - 5 sites
  - 12 participants
- Funded by Radcliffe Foundation and the Oyster Recovery Partnership
  - 8 sites
  - 45 participants

# Remote Setting System Locations 2016

- Chesapeake Bay Foundation, Anne Arundel County
- W.H. Harris Seafood, Queen Anne's County
- UMCES Horn Point Hatchery, Dorchester County
- Broome's Island, Calvert County
- Piney Point DNR Facility, St Mary's County
- Elliot's Island, Dorchester County
- Deal Island DNR Facility, Somerset County
- Metompkin Seafood, Crisfield, Somerset County

*38 systems with tanks, pumps, aerators, piping and valves available to growers for 2 week periods from June - September*



# Remote Setting Program Growth

	2011	2012	2013	2014	2015	2016
<b># of Participants</b>	12	18	27	31	40	45
<b># of Sites</b>	5	6	9	9	9	8
<b># of Sets</b>	38	113	167	130	172	212
<b>Larvae usage (millions)</b>	226	567	706	325	453	735
<b>Spat on shell produced (millions)</b>	33	212	278	186	146	235
<b>Shell usage (bushels)</b>	6,000	19,000	30,200	17,710	25,784	38,776

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