

# NPDES Phase II Small MS4 Permit Program

## Annual Reports Summary

Year 9: April 2011-March 2012

## New Hampshire Traditional MS4s

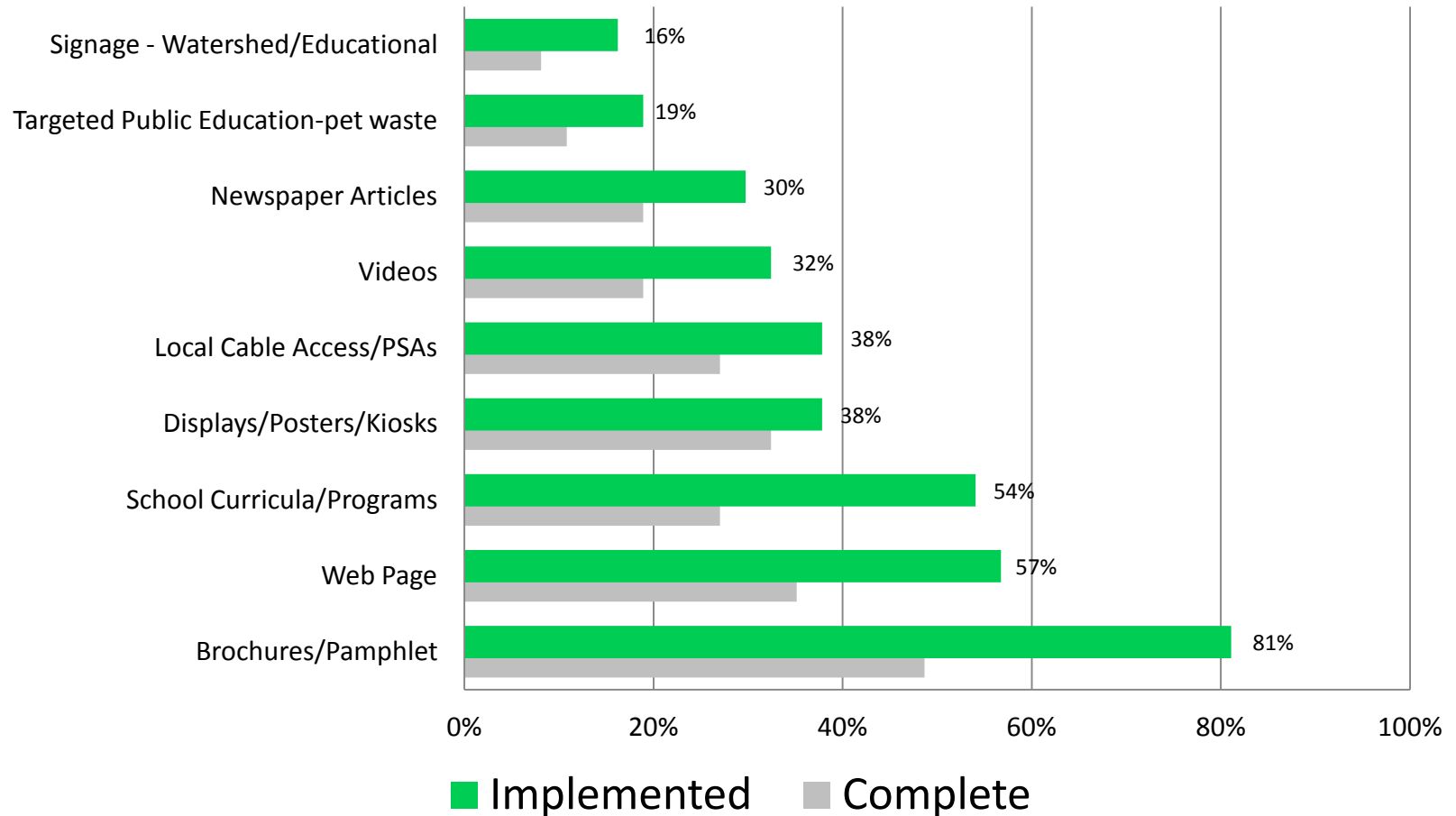
*97% of Municipalities Reporting*



# Year 9 Annual Reports Summary

- Review of reports provide:
  - Best Management Practices (BMPs) reportedly employed by Massachusetts municipalities through Permit Year 9 to implement the six Minimum Control Measures (MCMs) required by the Small Municipal Separate Storm Sewer System (MS4) Permit
  - Progress toward implementing select BMPs as determined by voluntarily reported metrics
- Data provided in reports facilitate benchmarking, technical assistance, program evaluation and compliance
- 37 of 38 (97%) of permitted municipalities in New Hampshire submitted annual reports

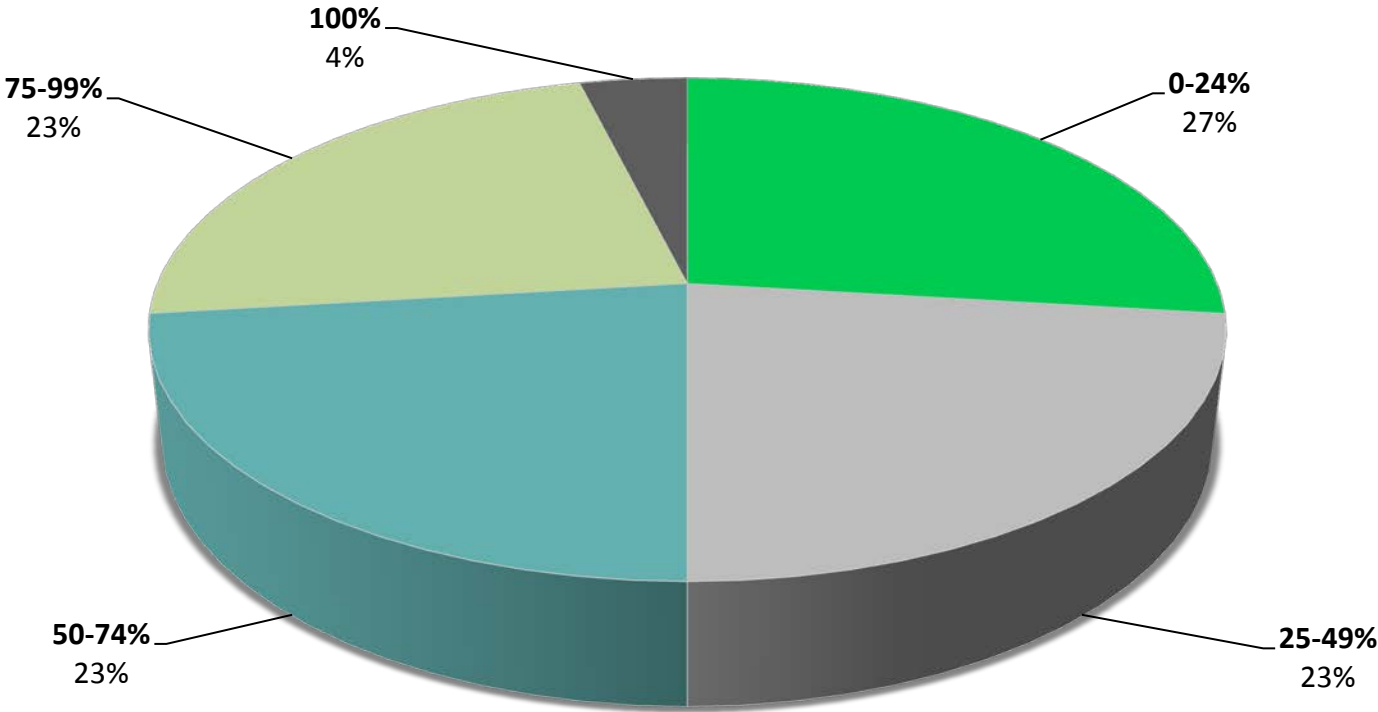
# Public Education & Outreach BMPs (MCM1)



Percent reporting the use and completion of practice among the 97% of NH municipalities reporting

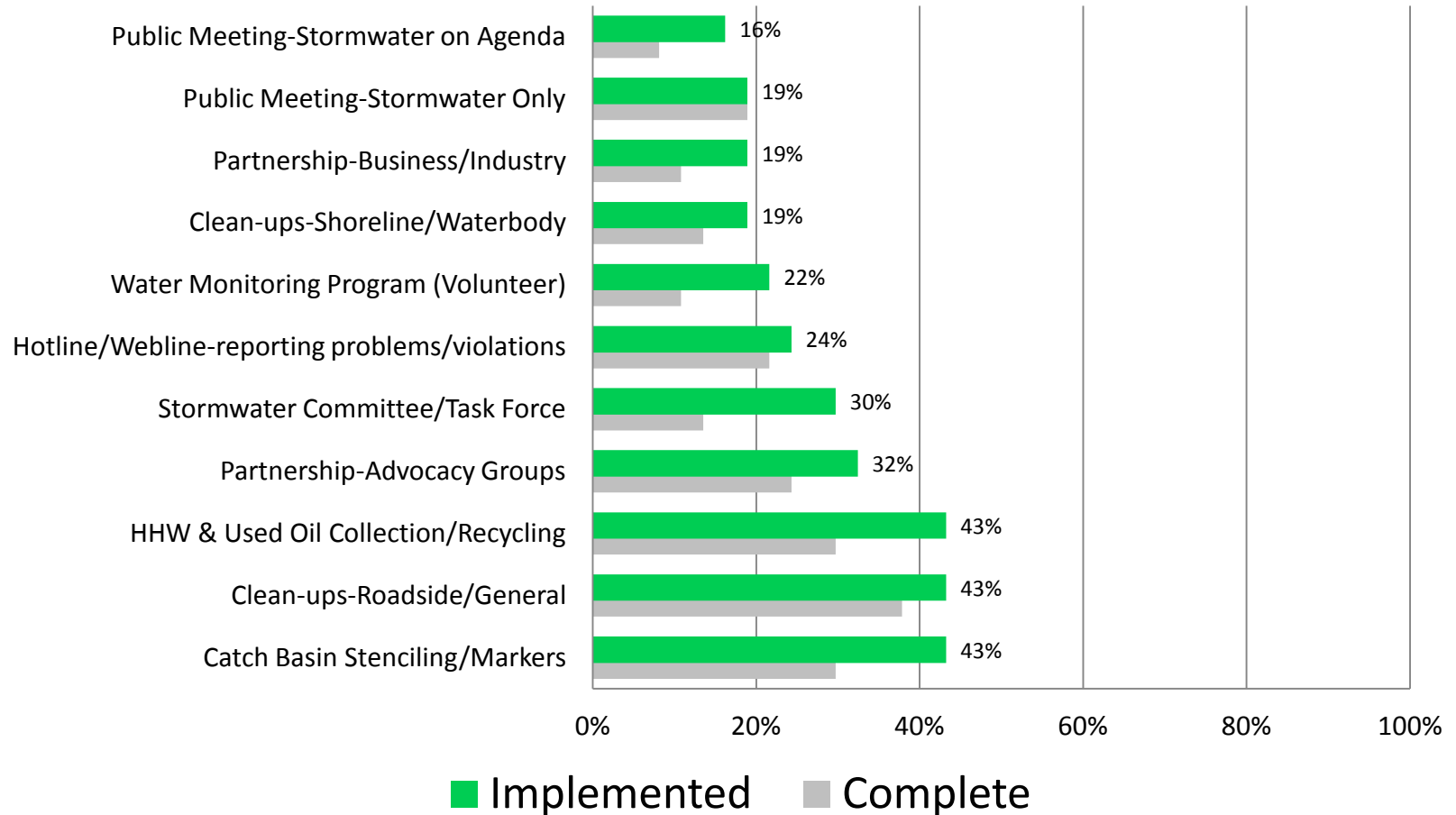
# Public Education & Outreach BMPs Metric

## Estimated number of residents reached by education program(s)



70% reporting (26 of 37 municipalities)

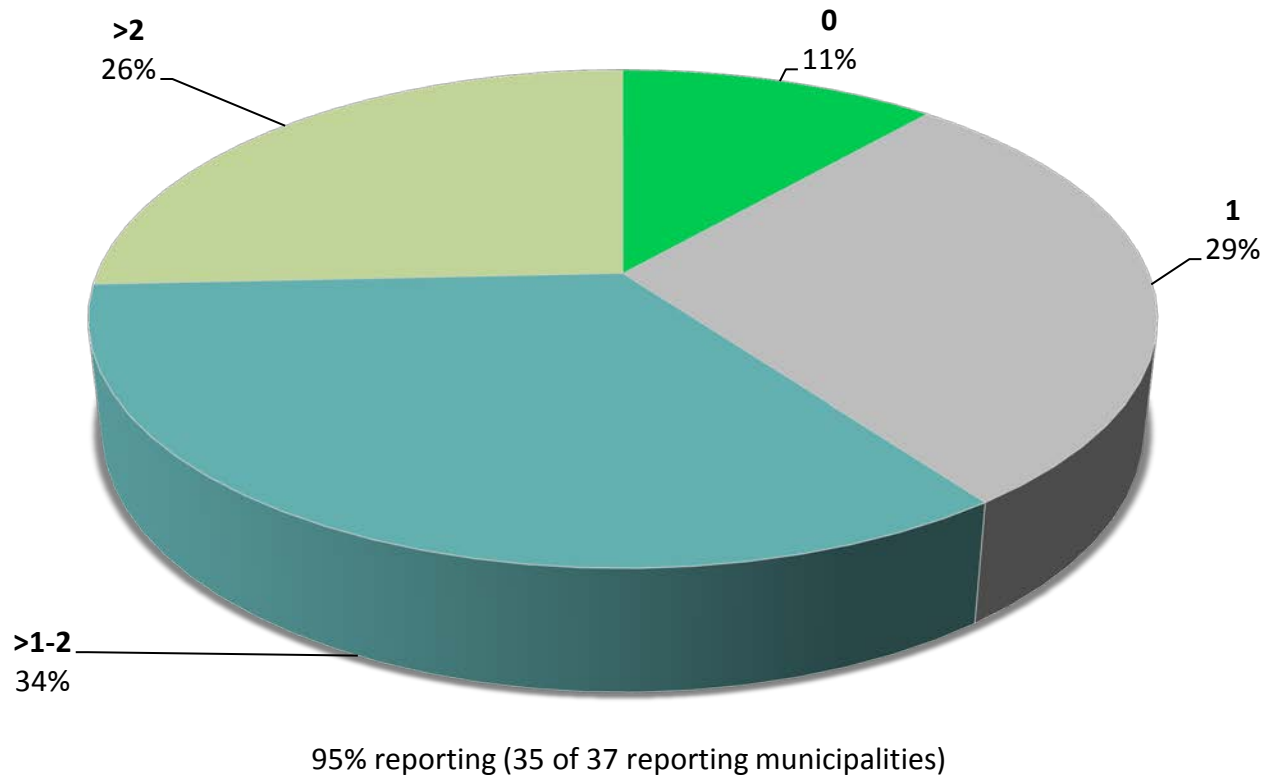
# Public Involvement & Participation BMPs (MCM2)



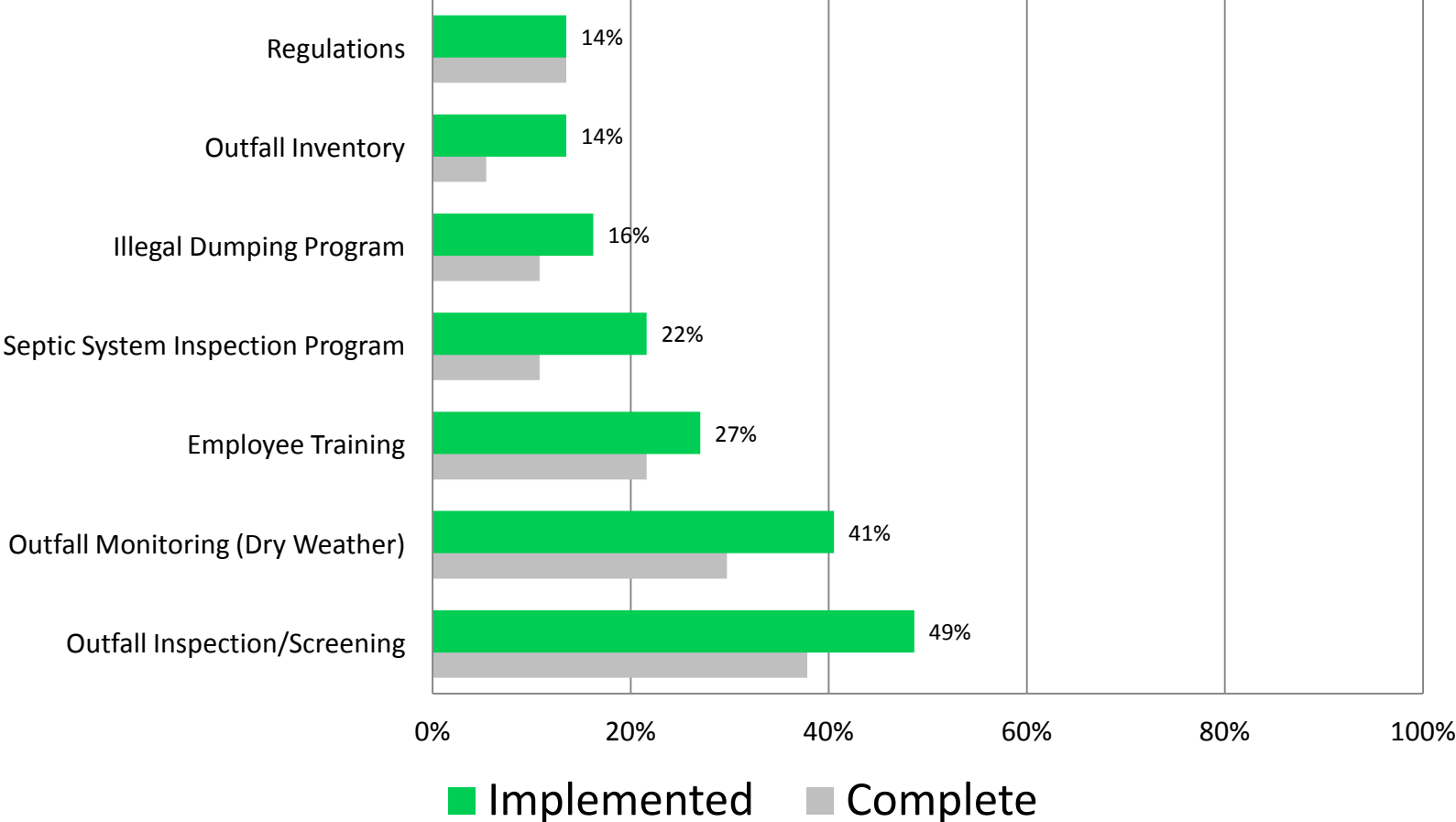
Percent reporting the use and completion of practice among the 97% of NH municipalities reporting

# Public Involvement & Participation Metric

## Household Hazardous Waste Collection - days sponsored



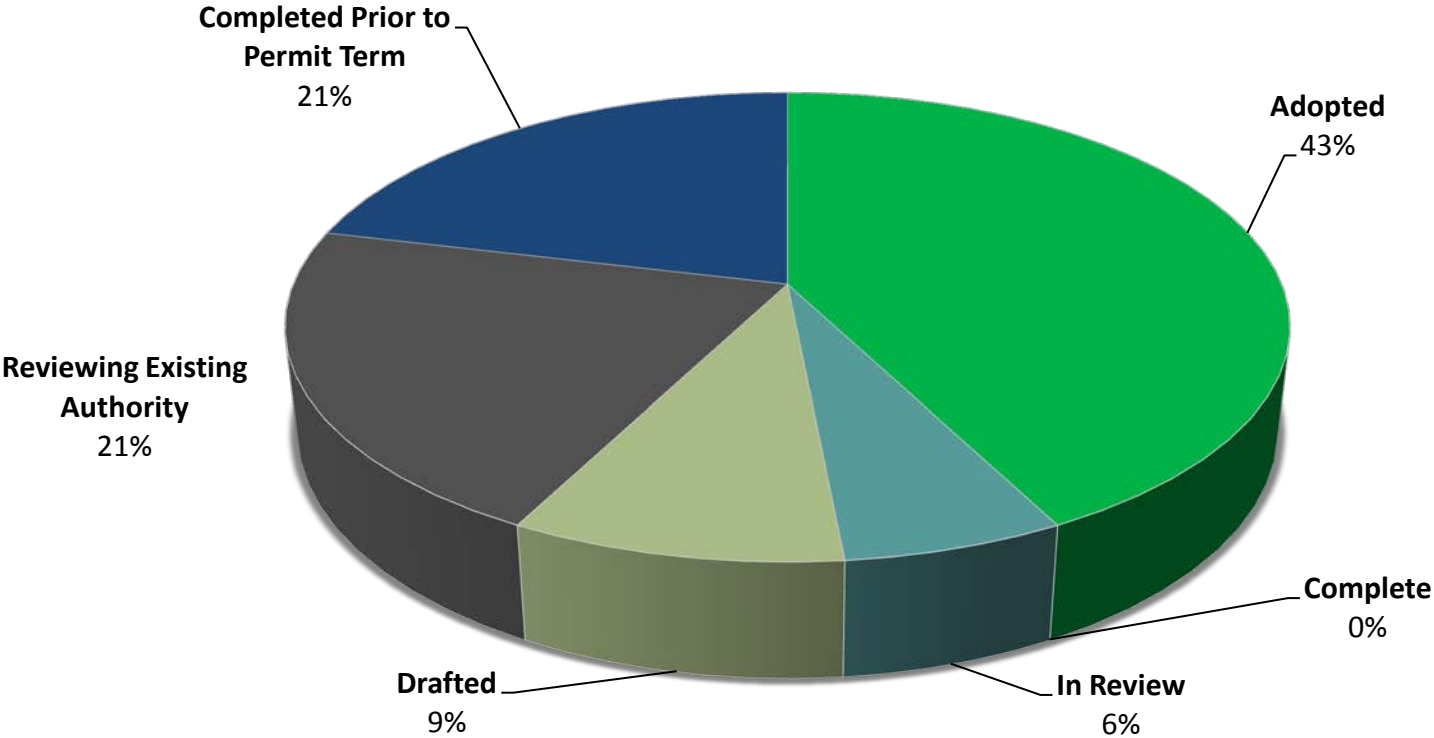
# Illicit Discharge Detection & Elimination BMPs (MCM3)



Percent reporting the use and completion of practice among the 97% of NH municipalities reporting

# Illicit Discharge Detection & Elimination Metric

## Regulatory Mechanism Status - IDDE

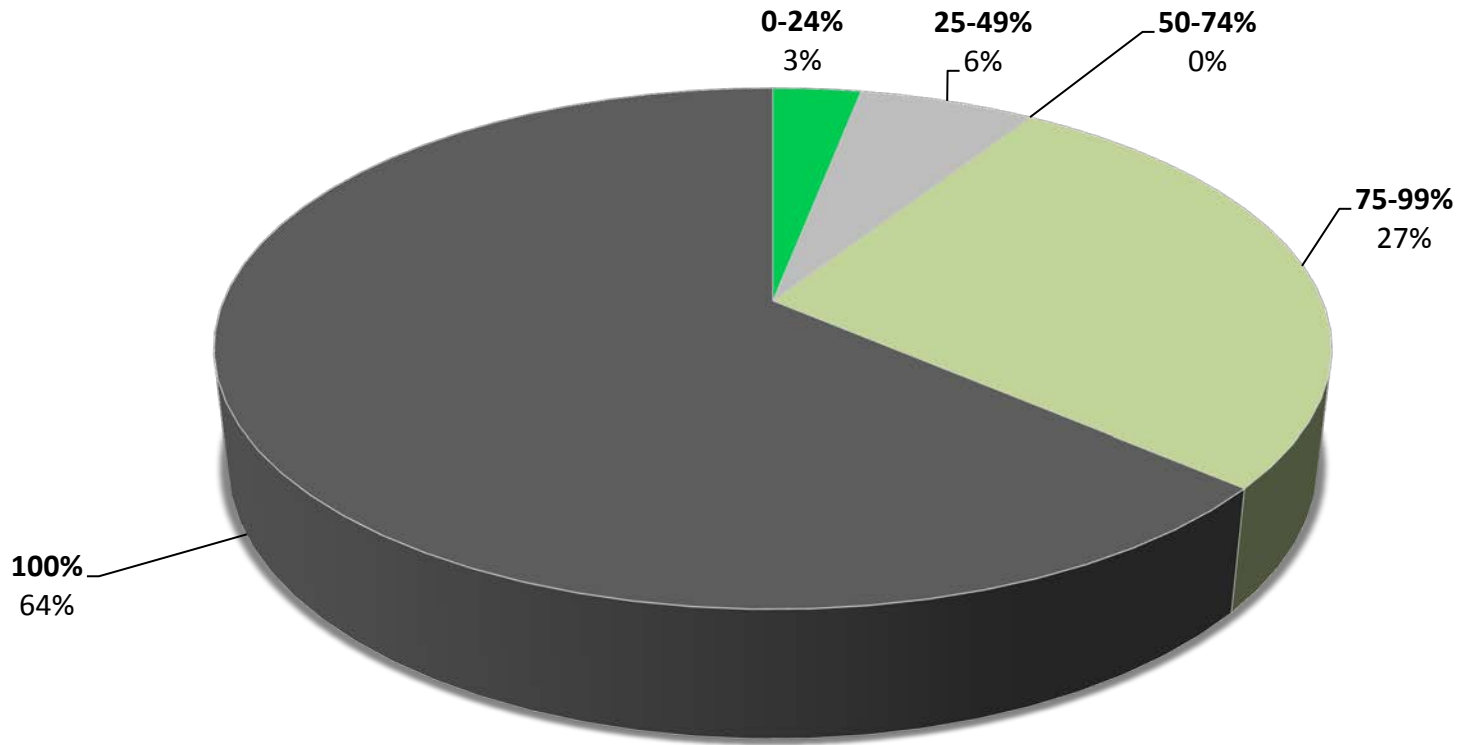


89% reporting (33 of 37 of municipalities)



# Illicit Discharge Detection & Elimination Metric

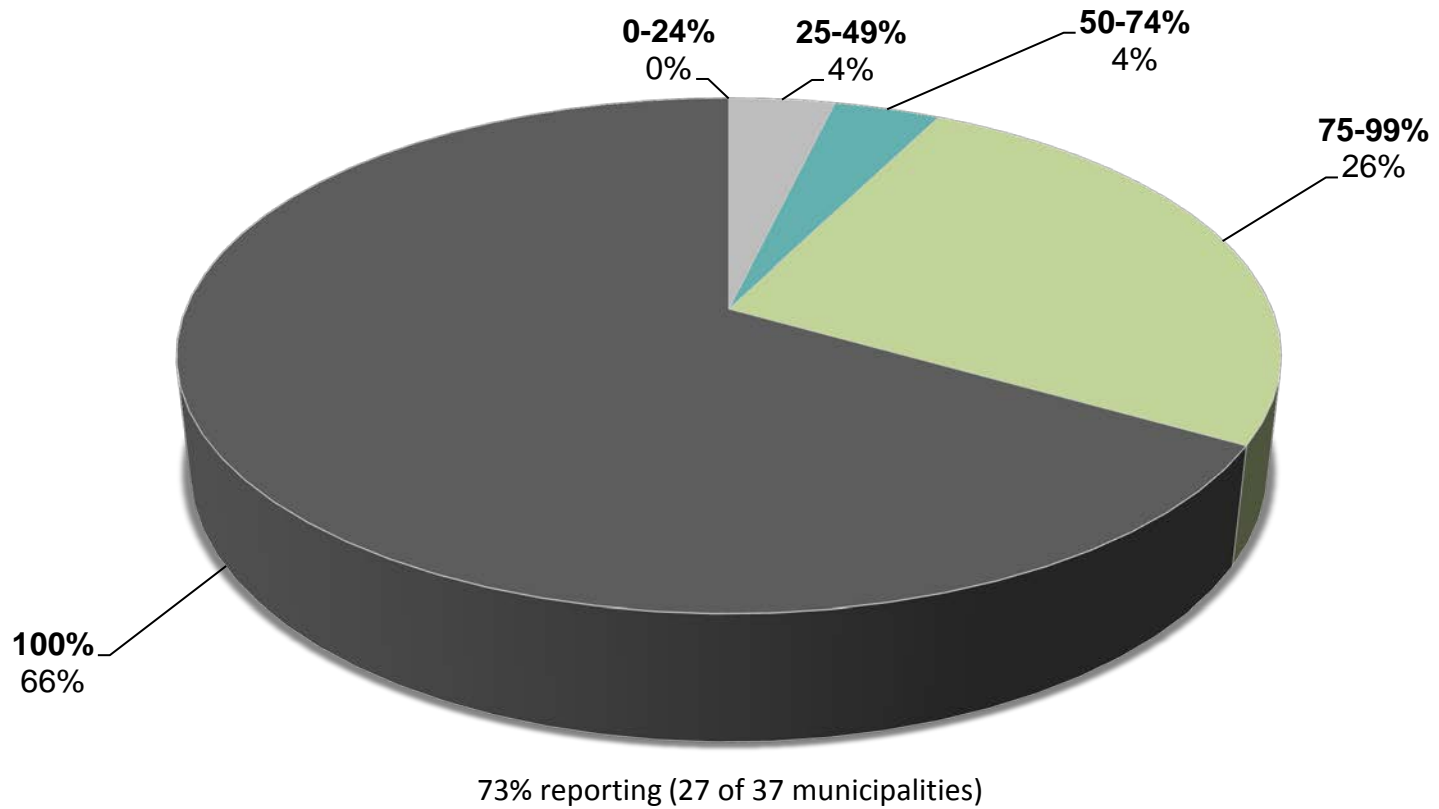
## Percent of Outfalls Mapped



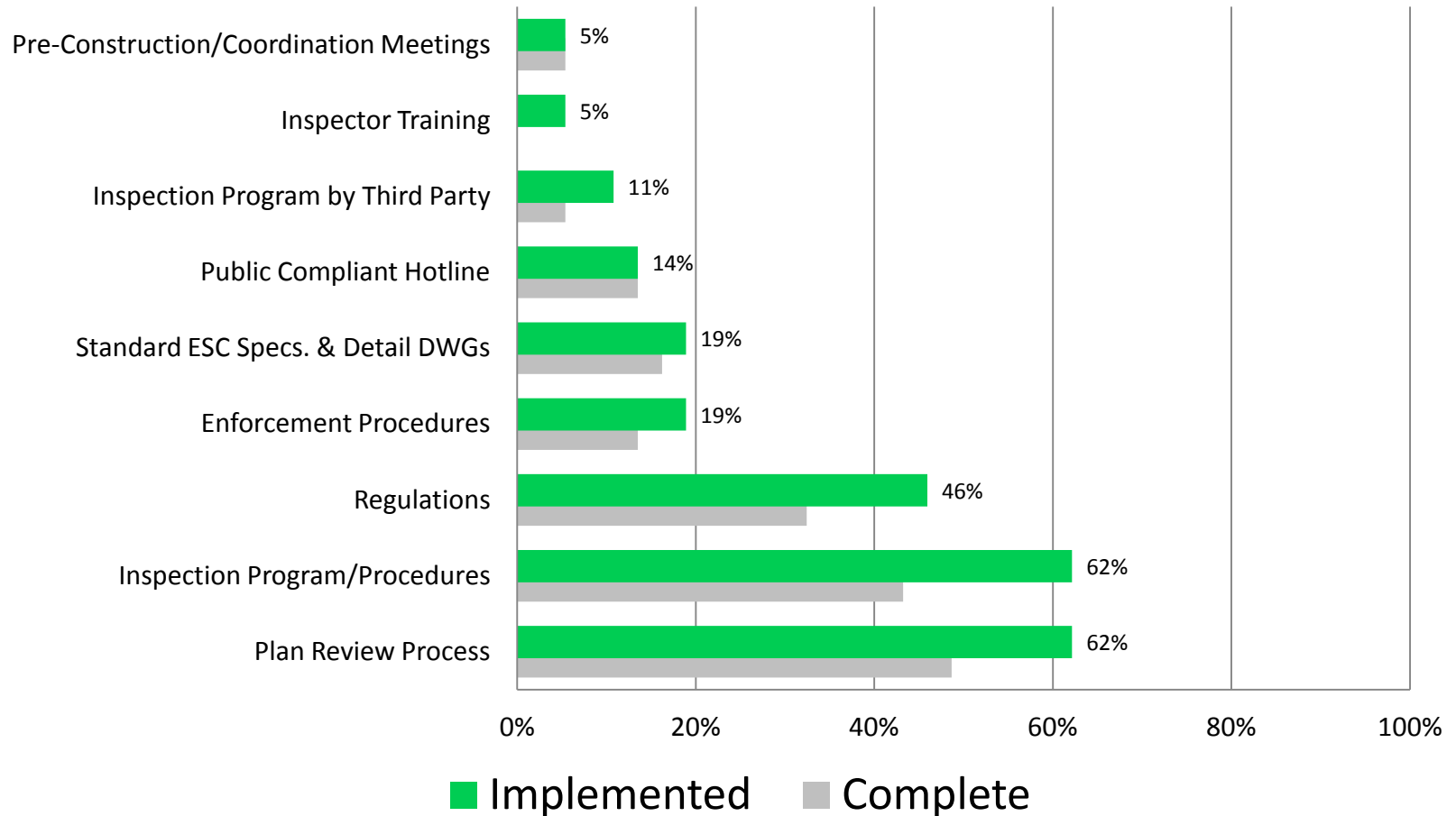
89% reporting (33 of 37 municipalities)

# Illicit Discharge Detection & Elimination Metric

## Percent of System-Wide Drainage Infrastructure Mapped



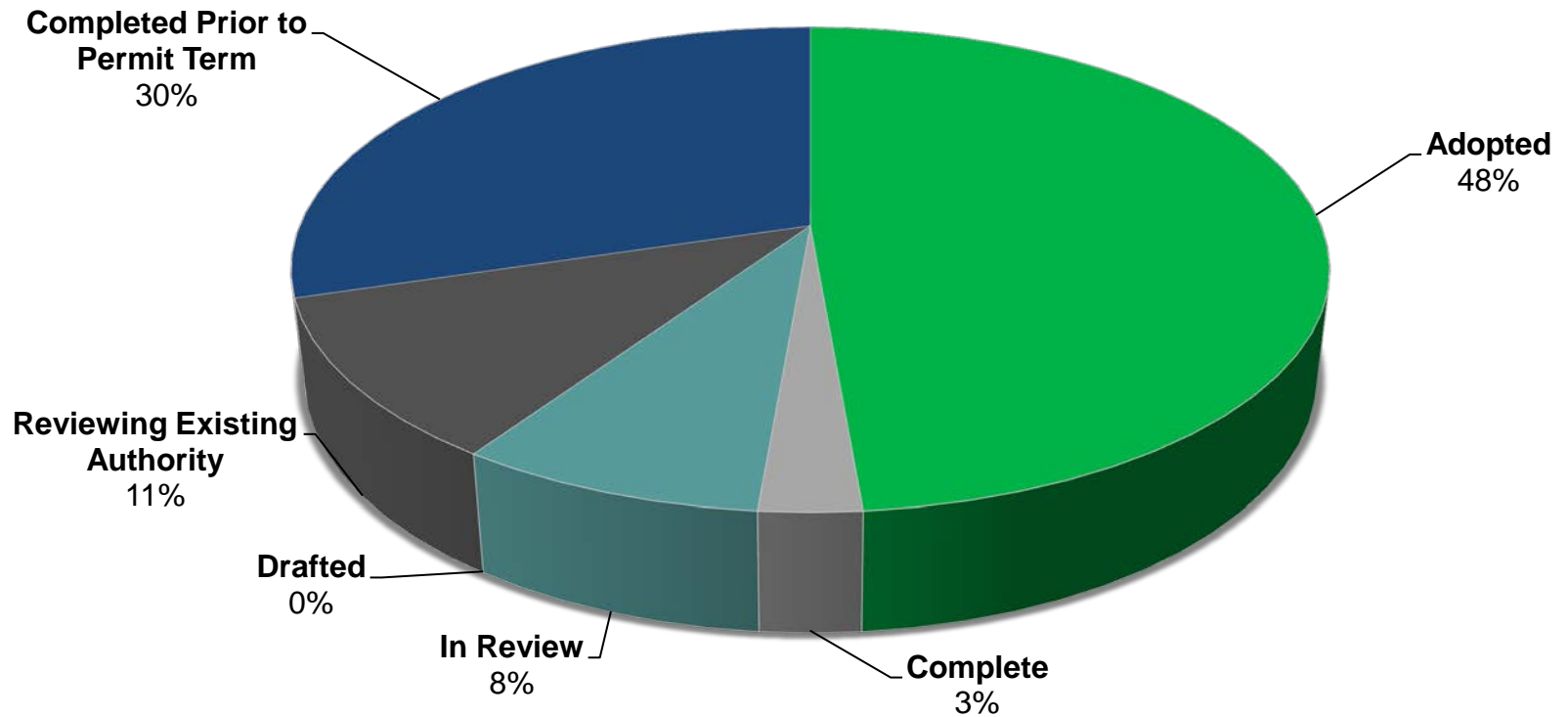
# Construction Site Stormwater Run-off Control BMPs (MCM4)



Percent reporting the use and completion of practice among the 97% of NH municipalities reporting

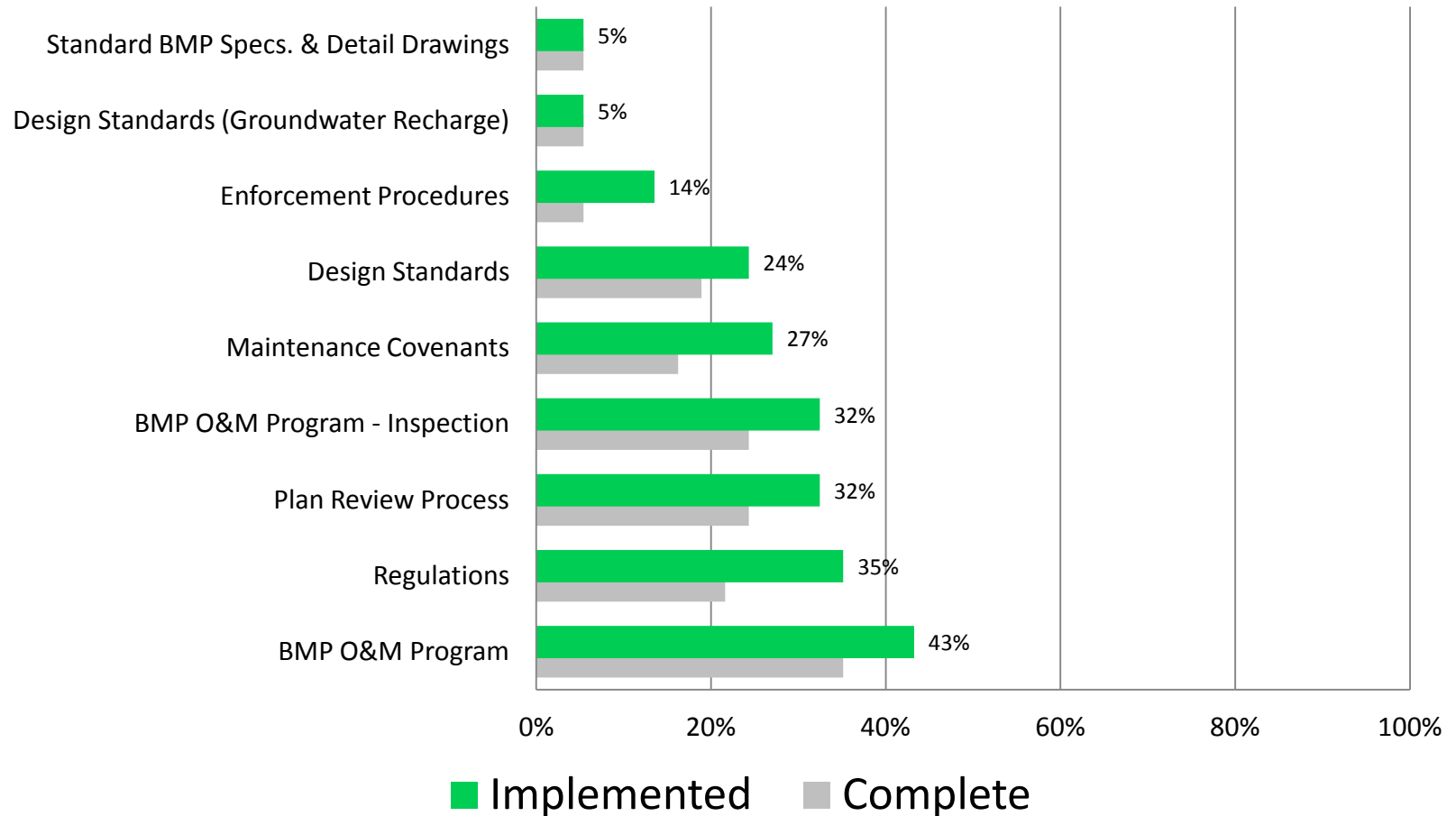
# Construction Site Stormwater Run-off Control Metric

## Regulatory Mechanism Status - Construction/ESC



100% reporting (37 of 37 municipalities)

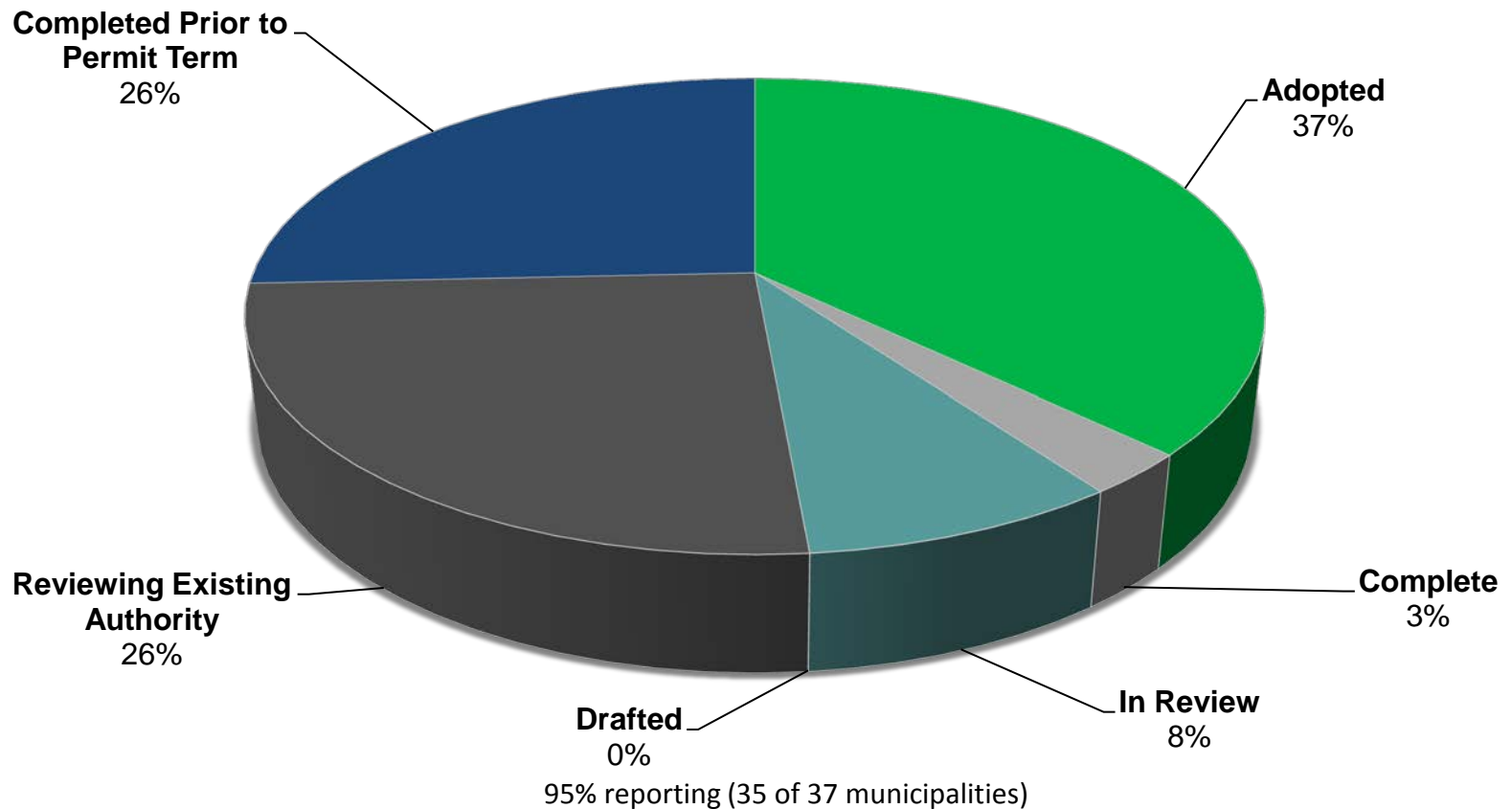
# Post-Construction Stormwater Management in New Developments and Redevelopments BMPs (MCM5)



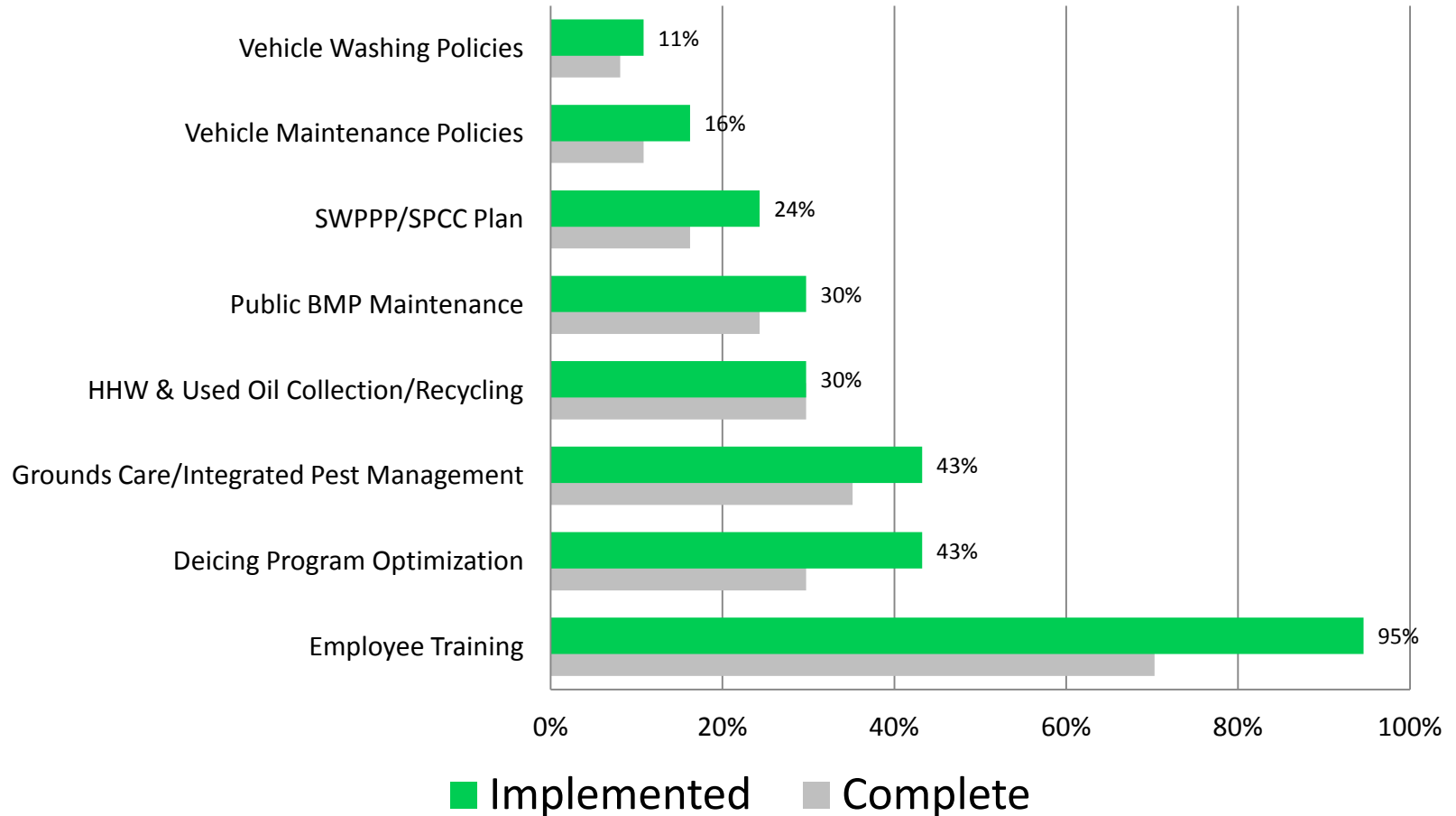
Percent reporting the use and completion of practice among the 97% of NH municipalities reporting

# Post-Construction Stormwater Management in New Developments and Redevelopments BMPs (MCM5)

## Regulatory Mechanism Status - Post-Development



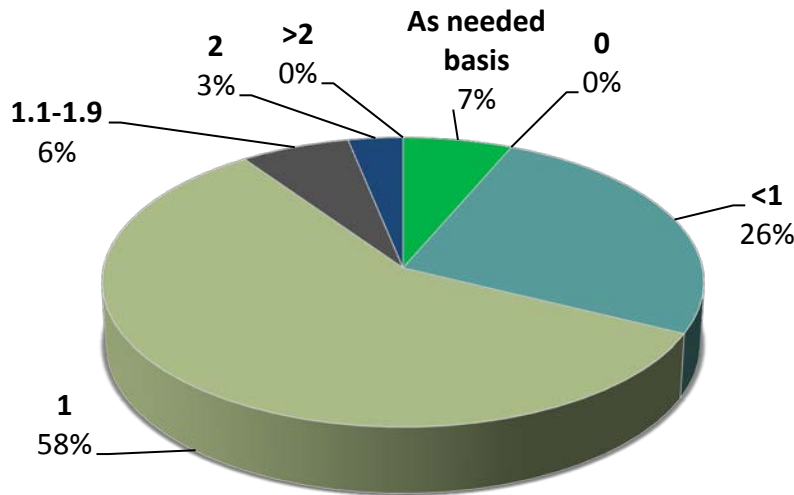
# Pollution Prevention and Good Housekeeping BMPs (MCM6)



Percent reporting the use and completion of practice among the 97% of NH municipalities reporting

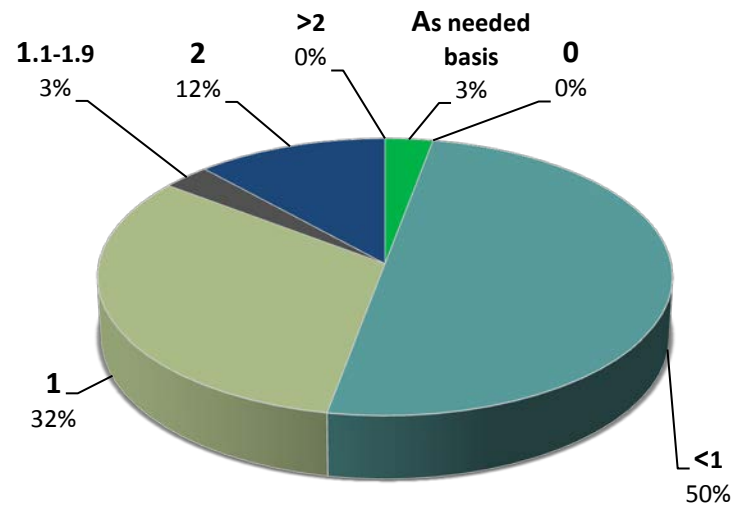
# Pollution Prevention and Good Housekeeping Metric Average Annual Catch Basin Cleaning Frequency

## Commercial/Arterial or Other Critical Streets (Cleanings/year)



84% reporting (31 of 37 municipalities)

## Non-Commercial/ Non-Arterial Streets (Cleanings/year)

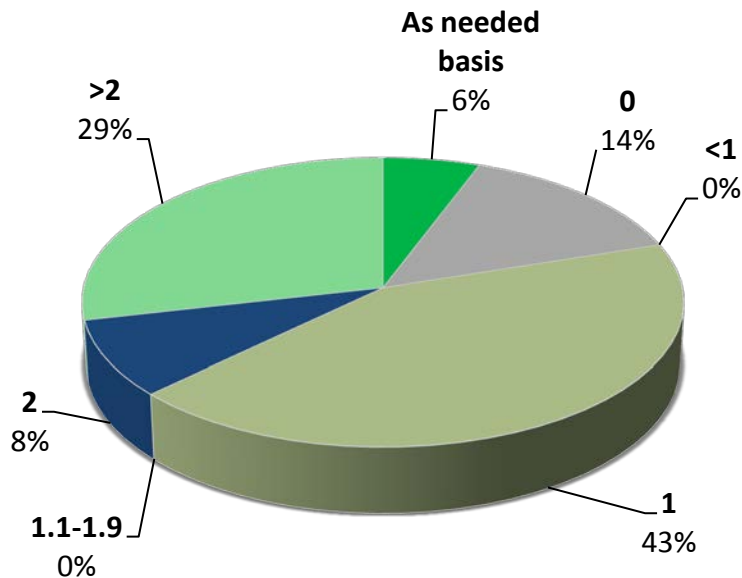


92% reporting (34 of 37 municipalities)



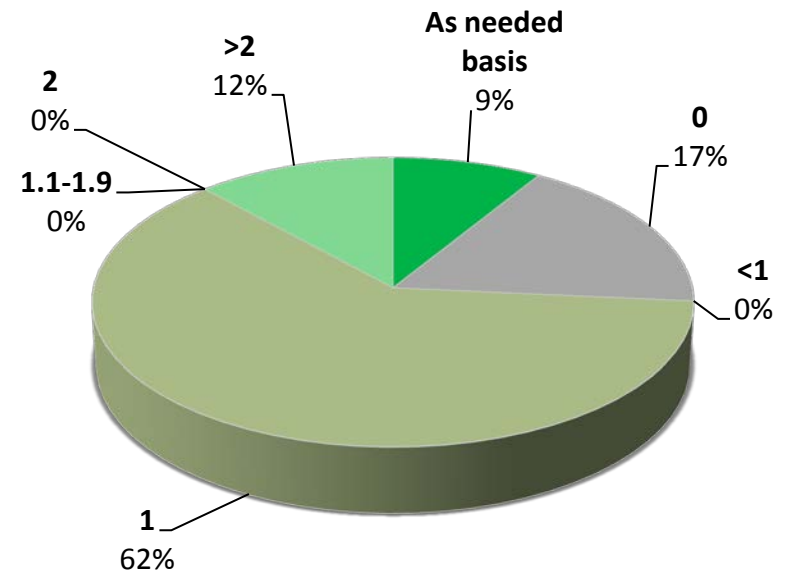
# Pollution Prevention and Good Housekeeping Metric Average Annual Street Sweeping Frequency

## Commercial/Arterial or Other Critical Streets (Cleanings/year)



95% reporting (35 of 37 municipalities)

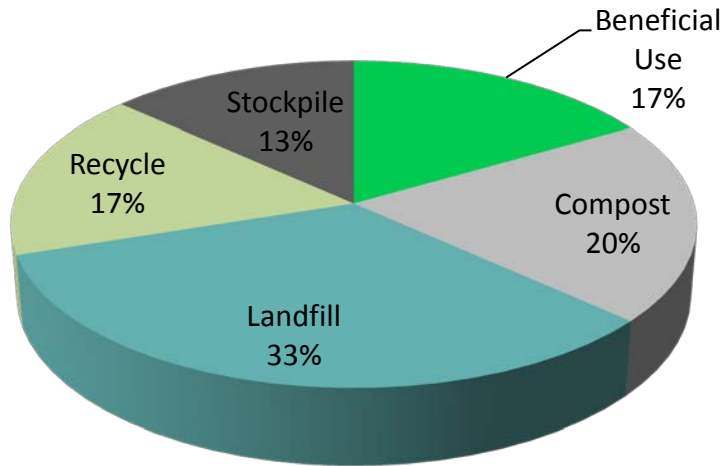
## Non-Commercial/ Non-Arterial Streets (Cleanings/year)



92% reporting (34 of 37 municipalities)

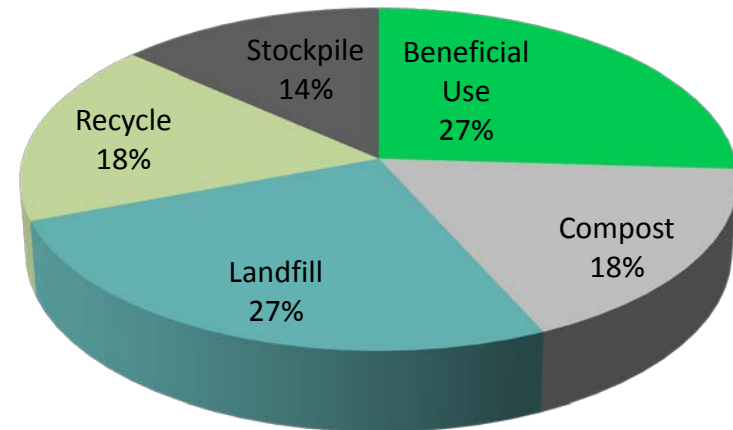
# Pollution Prevention and Good Housekeeping Metric Disposal of Material

## Catch Basin Screenings



81% reporting (30 of 37 municipalities )

## Street Sweepings



62% reporting (23 of 3 municipalities)

# Pollution Prevention and Good Housekeeping Metric

## De-Icing Products Used

Product	Reported using product
NaCl	23 municipalities
CaCl <sub>2</sub>	3 municipalities
MgCl <sub>2</sub>	1 municipalities
Sand	25 municipalities

# Stormwater Management Program Budget

## Annual program budget/expenditures

