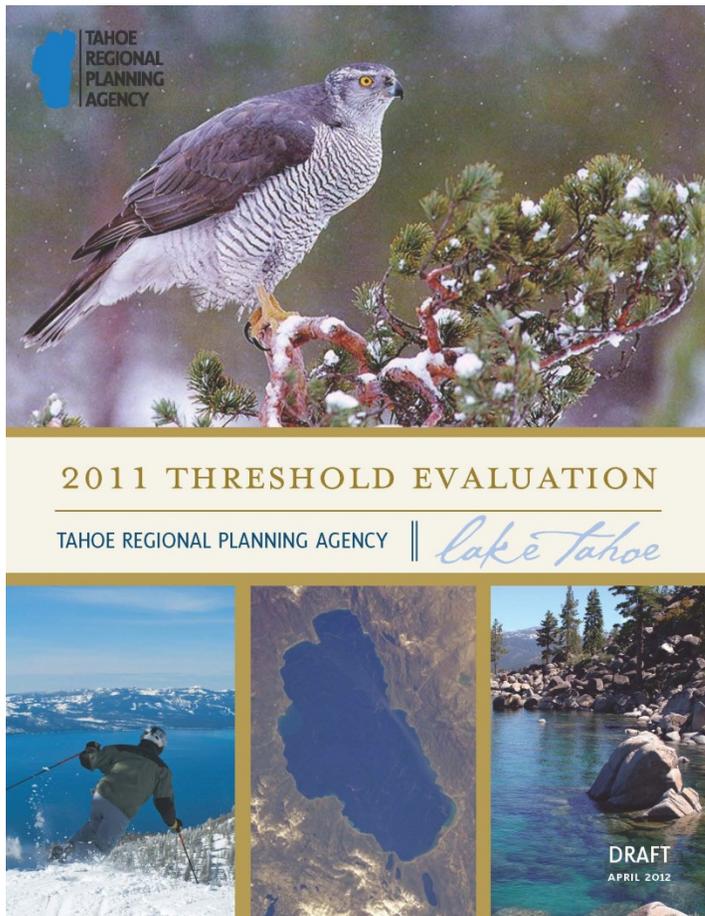


Draft 2011 Tahoe Basin Threshold Evaluation Report



Presentation to
Lake Tahoe Federal Advisory
Committee
June 14, 2012

Joanne S, Marchetta
Executive Director
Tahoe Regional Planning Agency

Peer Review Process

- Independent 7-member scientific panel coordinated by the Tahoe Science Consortium found that the Report was:
 - Technically sound
 - Could be used to support decisions
- Provided constructive input
 - Input was incorporated
- Peer-review included in Report

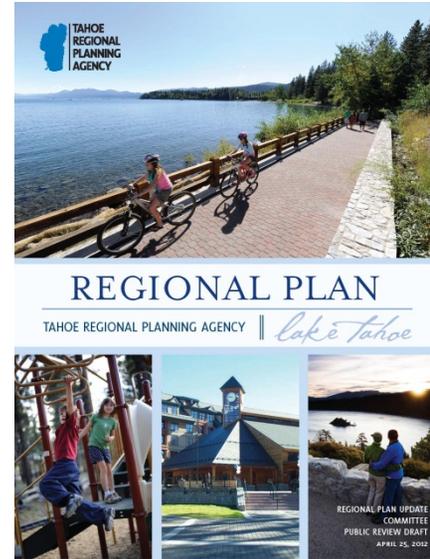
Purpose of Report

- Status and trends of indicators relative to adopted standards (“Threshold Progress”)
- Implementation and effectiveness of the Plan and other Basin efforts
- Recommendations to inform future actions

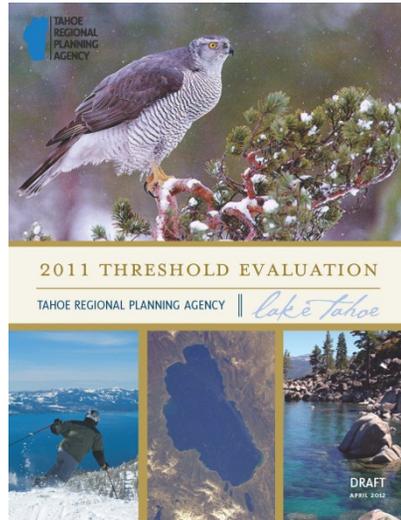
ADJUST

Governing Board,
APC & Public
Input

PLAN

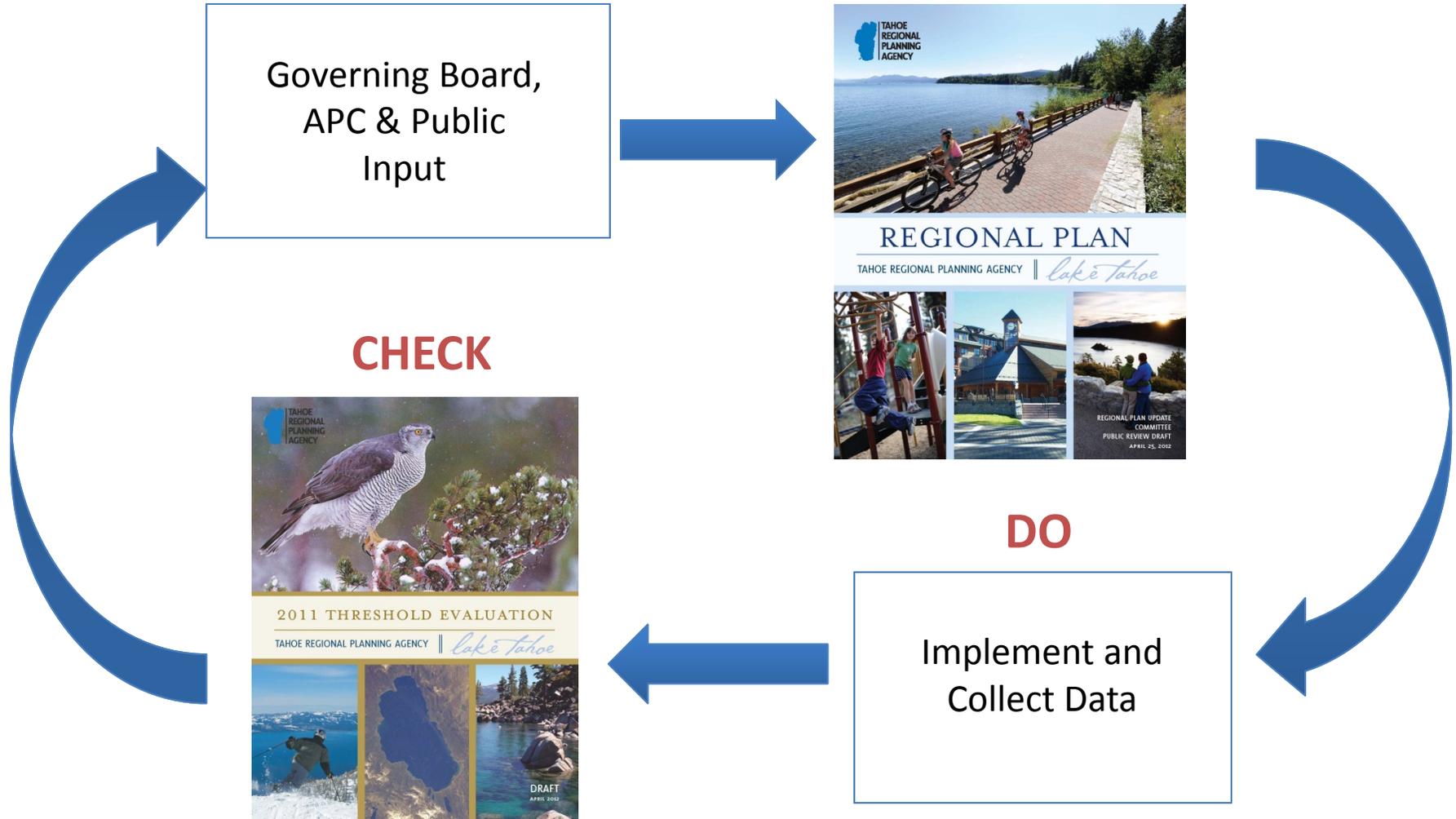


CHECK

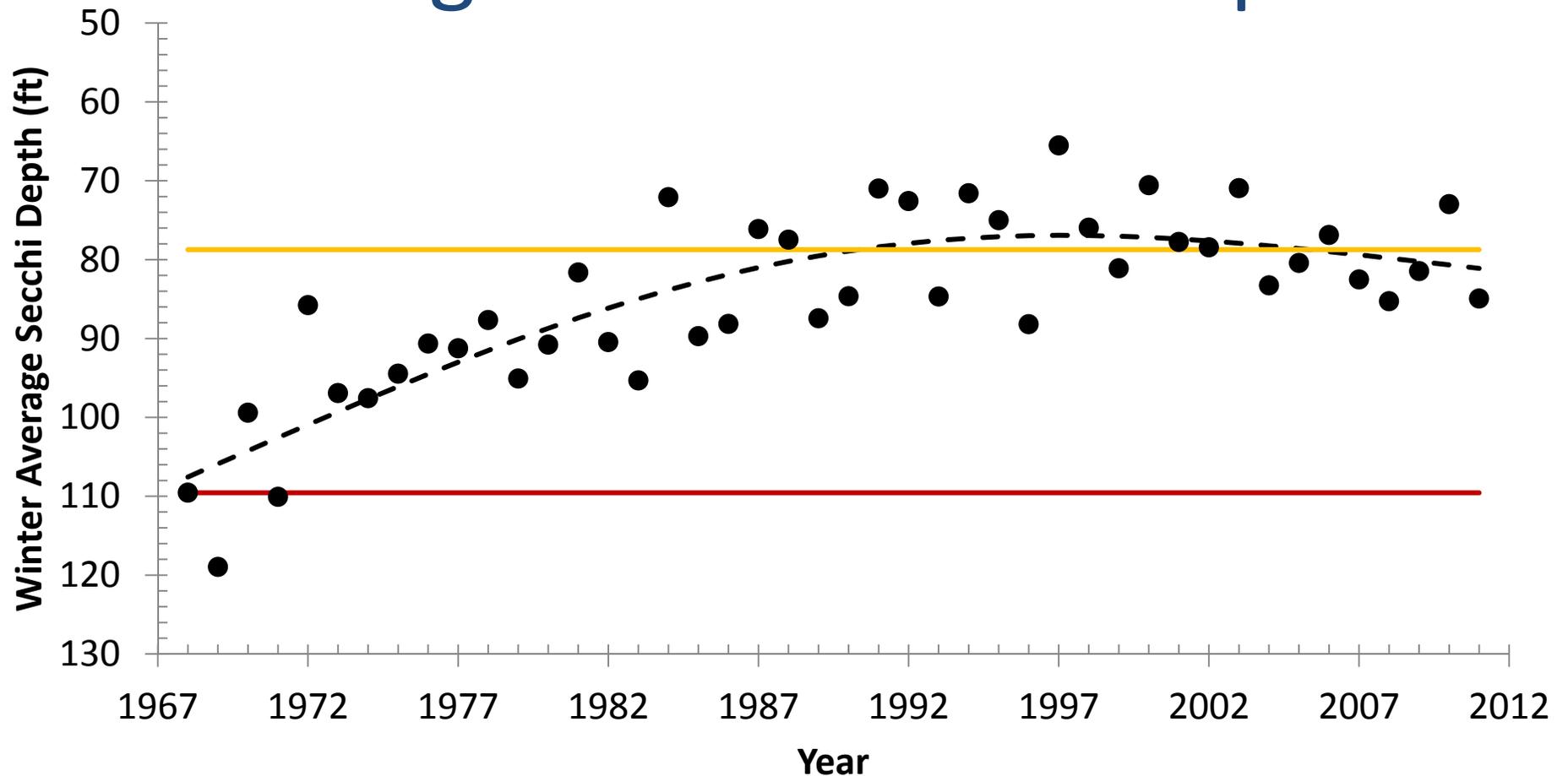


DO

Implement and
Collect Data

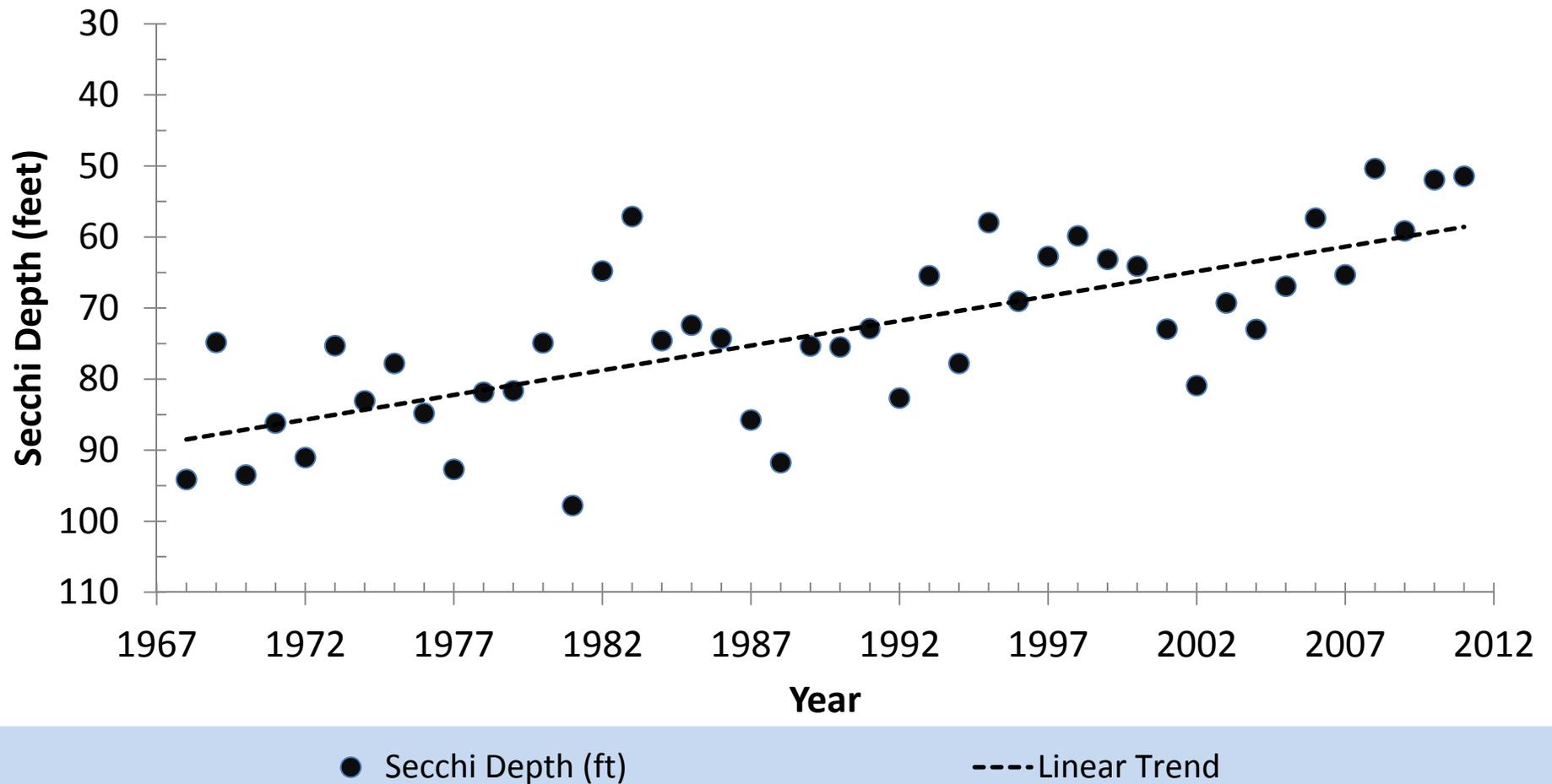


Average Winter Secchi Depth

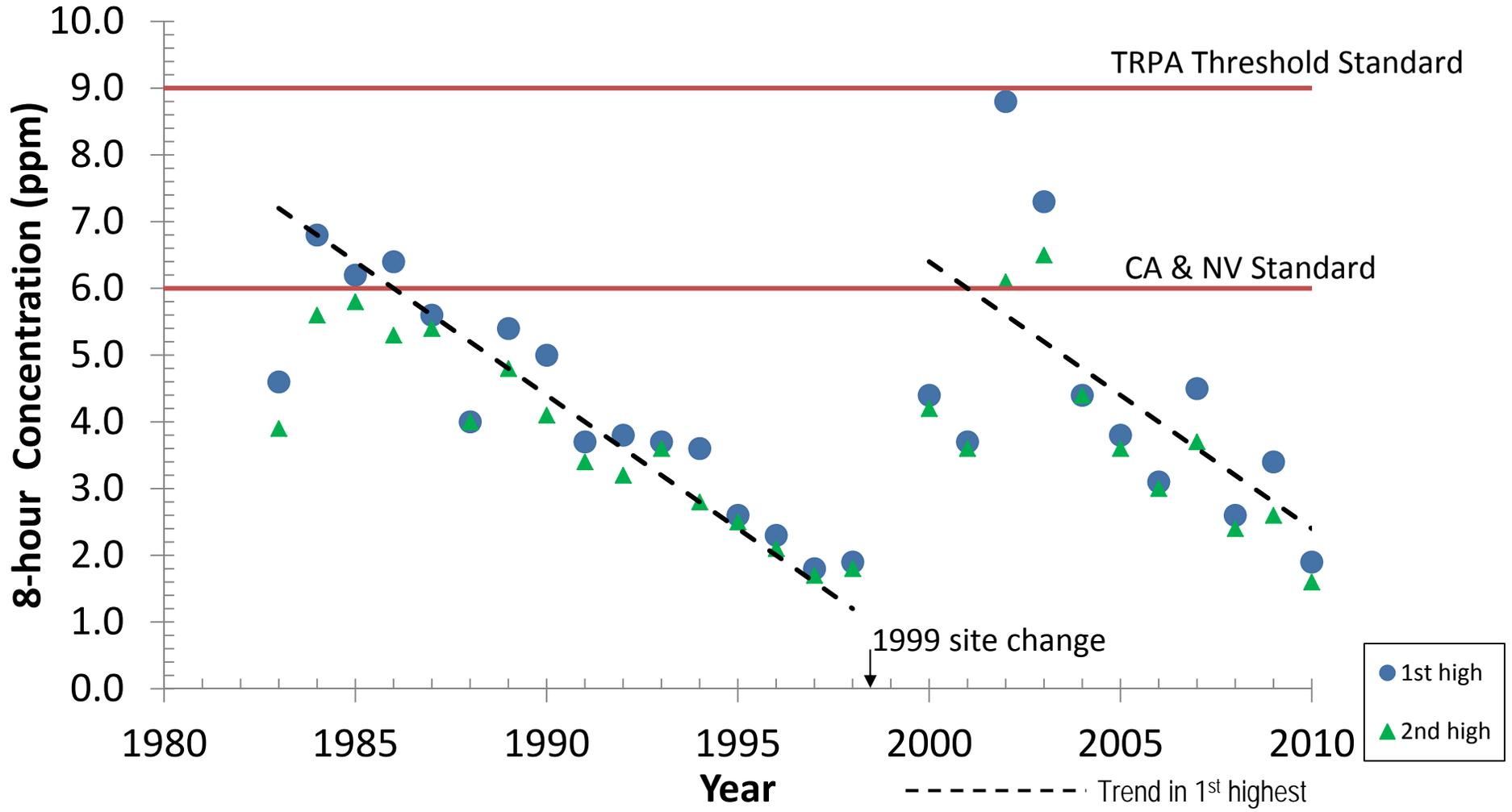


● Secchi Depth (ft) - - Trend — Threshold Standard — Interim Target

Average Summer Secchi Depth

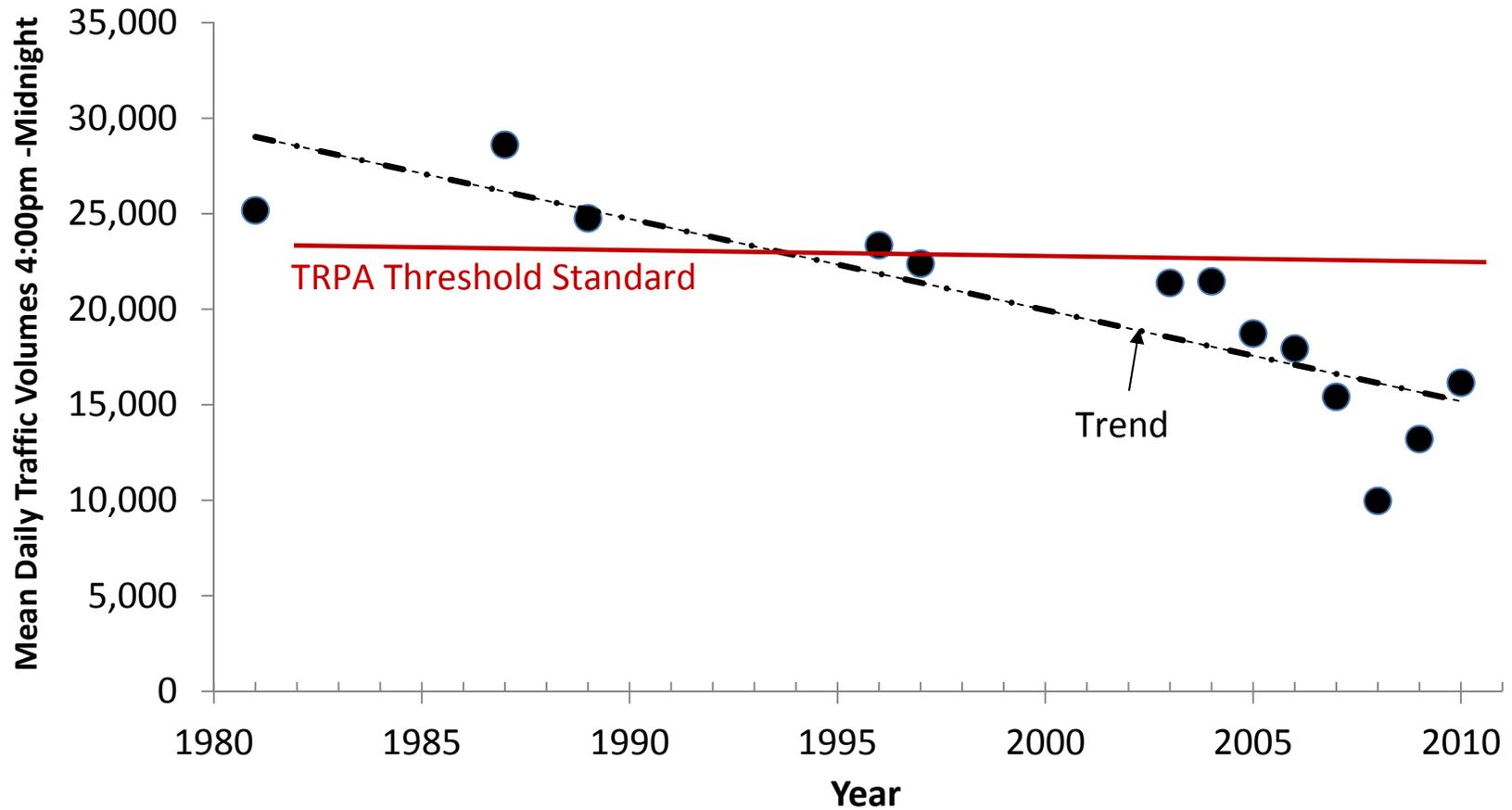


8-hour Carbon Monoxide



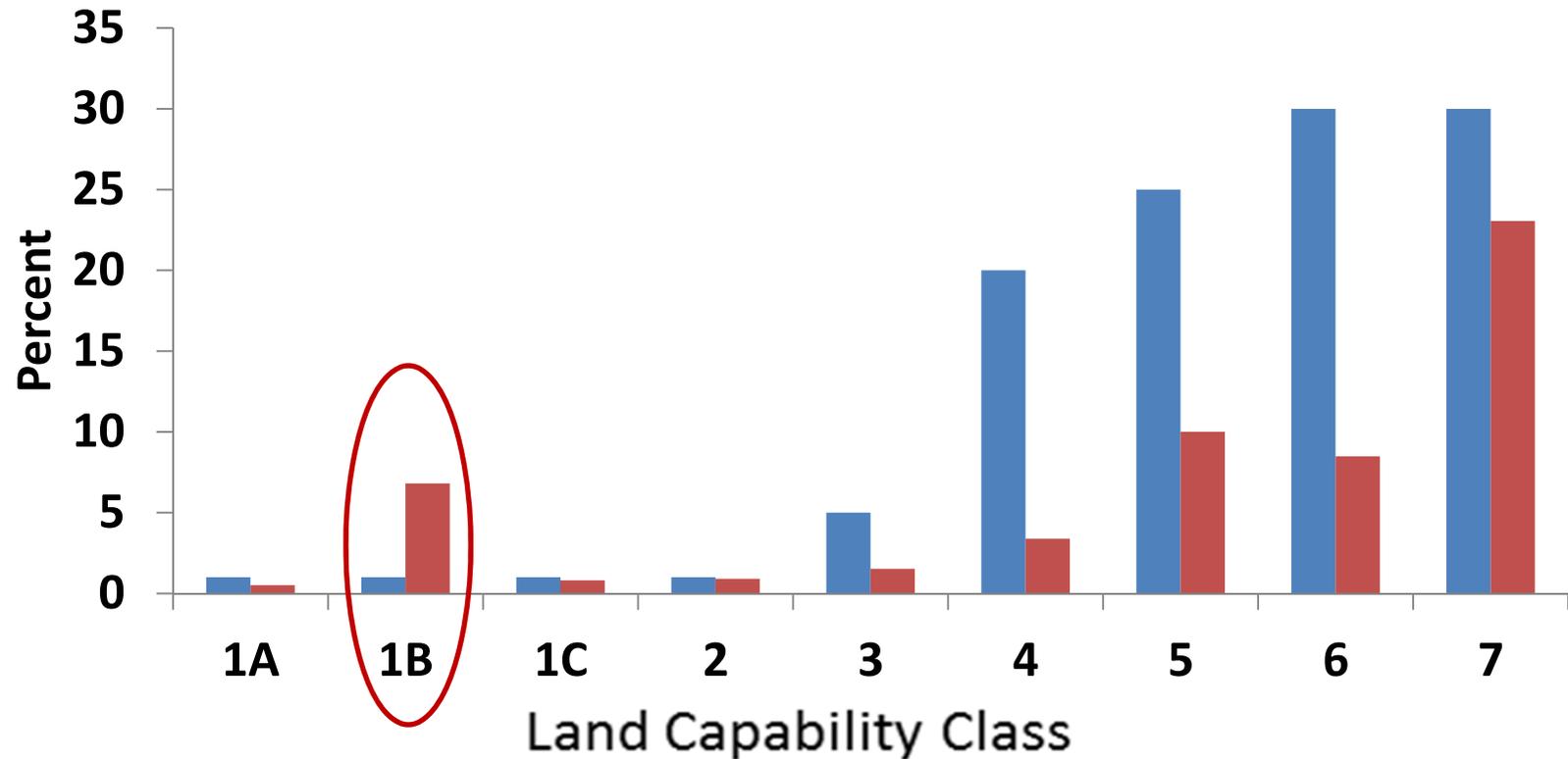
Source: Nevada Div. Environmental Protection

Winter Traffic Volume



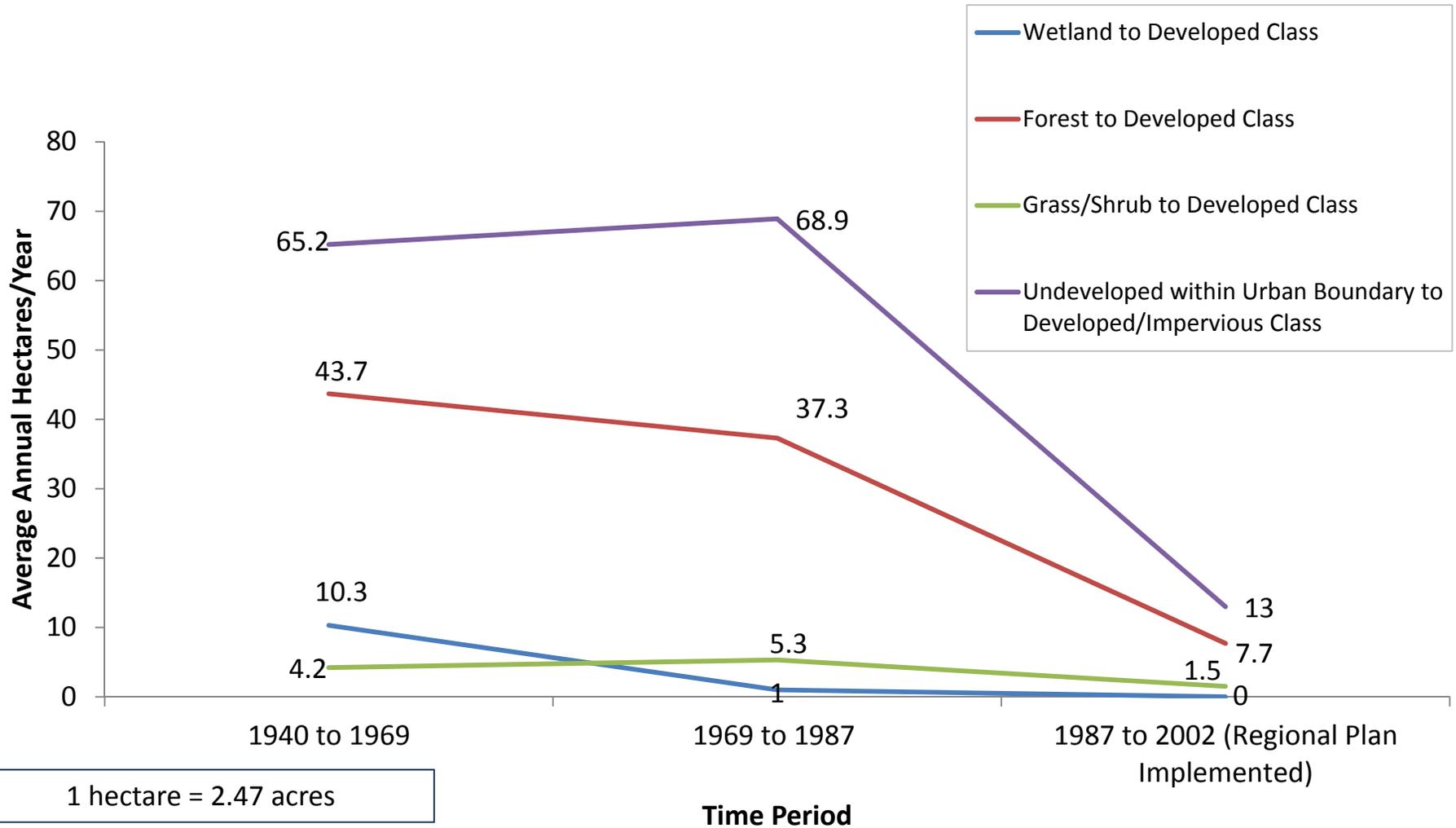
Source: CalTrans

Hard Impervious Cover (2010) Relative to Bailey Coverage Limits



■ Total % Impervious Cover Allowed ■ % Impervious Surface Within Class

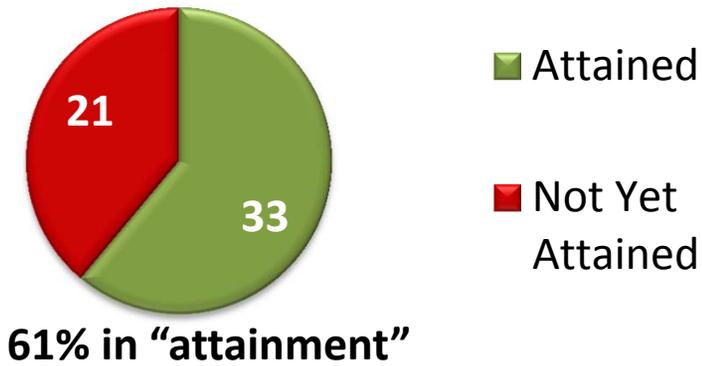
Rate of Urban Development



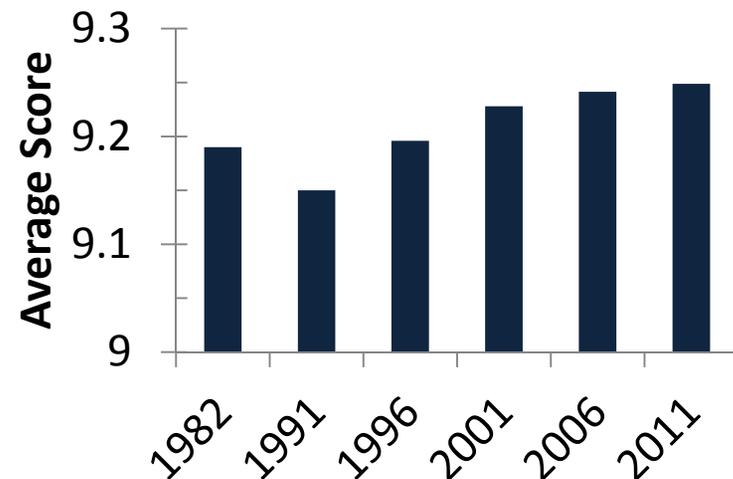
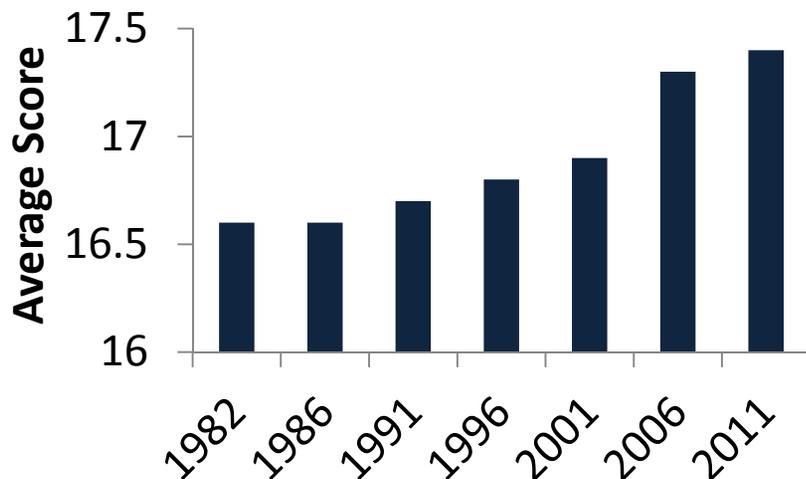
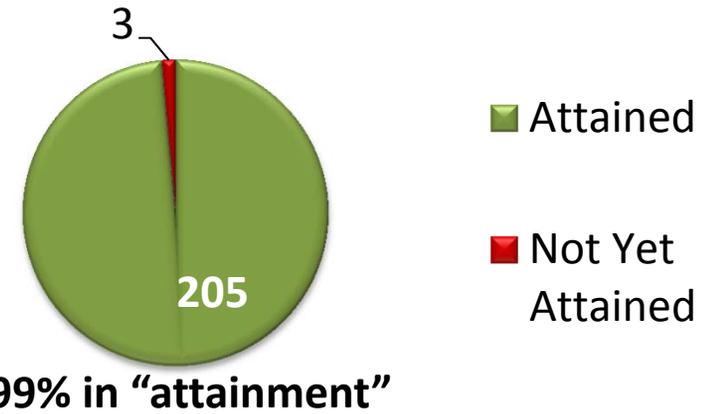
Source: Raumann and Cabkl (2008)

Scenic Roadway Units

Status of Road Segments

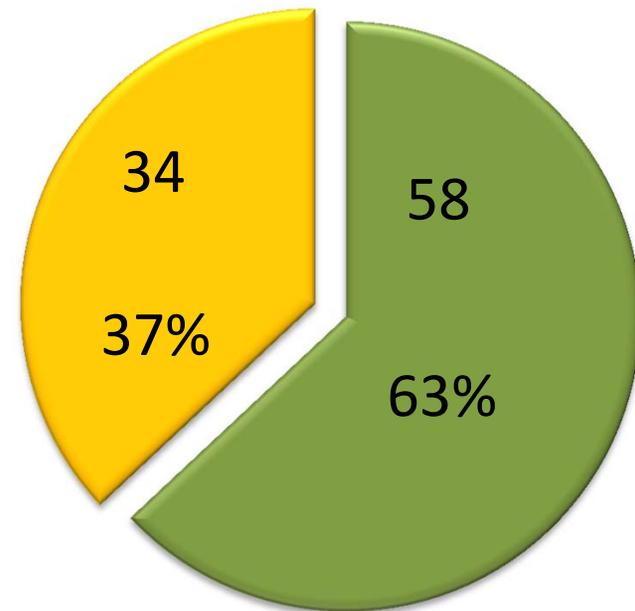
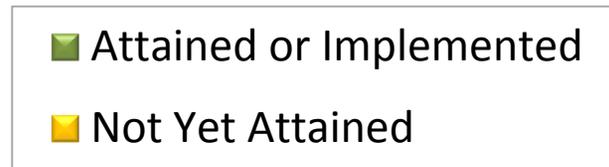


Status of Scenic Viewpoints



Status Summary

| Category | Total Standards Addressed | Number Attained | Number Unknown |
|-------------------------|---------------------------|----------------------------|----------------|
| Air Quality | 20 | 13 of 15 | 5 |
| Water Quality | 44 | 1 of 6 | 38 |
| Soil Conservation | 10 | 8 of 10 | 0 |
| Scenic Resources | 5 (860 Units) | 5 of 5 or 802 of 860 units | 0 |
| Wildlife | 11 | 5 of 8 | 3 |
| Fisheries | 7 | 4 of 4 | 3 |
| Vegetation Preservation | 26 | 14 of 24 | 2 |
| Recreation | 2 | 2 of 2 | 0 |
| Noise | 26 | 5 of 18 | 8 |



Unknown = 59 of 151 standards

Multiple Threshold Benefit Recommendations (in RPU)

- Transfer coverage out of sensitive lands
- Improve walkability and bike access
- Environmental redevelopment
- Phase out phosphorus fertilizers