

Current Status of the Texas Integrated Report (IR) for Clean Water Act Sections 305(b) and 303(d)

**Water Quality Planning Division
Monitoring & Assessment Section
Surface Water Quality Monitoring Program (SWQM)**

Background

- Statewide assessment of the status of state waters
 - Compares water quality data to approved water quality standards
 - Identifies impaired waters (303(d) List)
- Requirements
 - Federal Clean Water Act, Sections 305(b) and 303(d)
 - Title 30 of the Texas Administrative Code (30 TAC)

Integrated Report (IR) - Process

- Develop Guidance
- Assemble\Compile Data
- Update Assessment Tools
- Develop Draft Reports
- Data Provider Review
- Solicit Public Comment
- Revise Draft Documents
- TCEQ Approval
- EPA Approval – IR considered draft until approved by EPA

Integrated Report Documents

- 303(d) List (Category 5)
- Delistings
- New Listings
- Index of Water Quality Impairments
- Categorization of Segments
- Water Bodies Evaluated
- Water Body Assessments by River Basin
- Water Quality Concerns
- Supplemental Nutrient Report
- Sources of Pollution for Impairments and Concerns

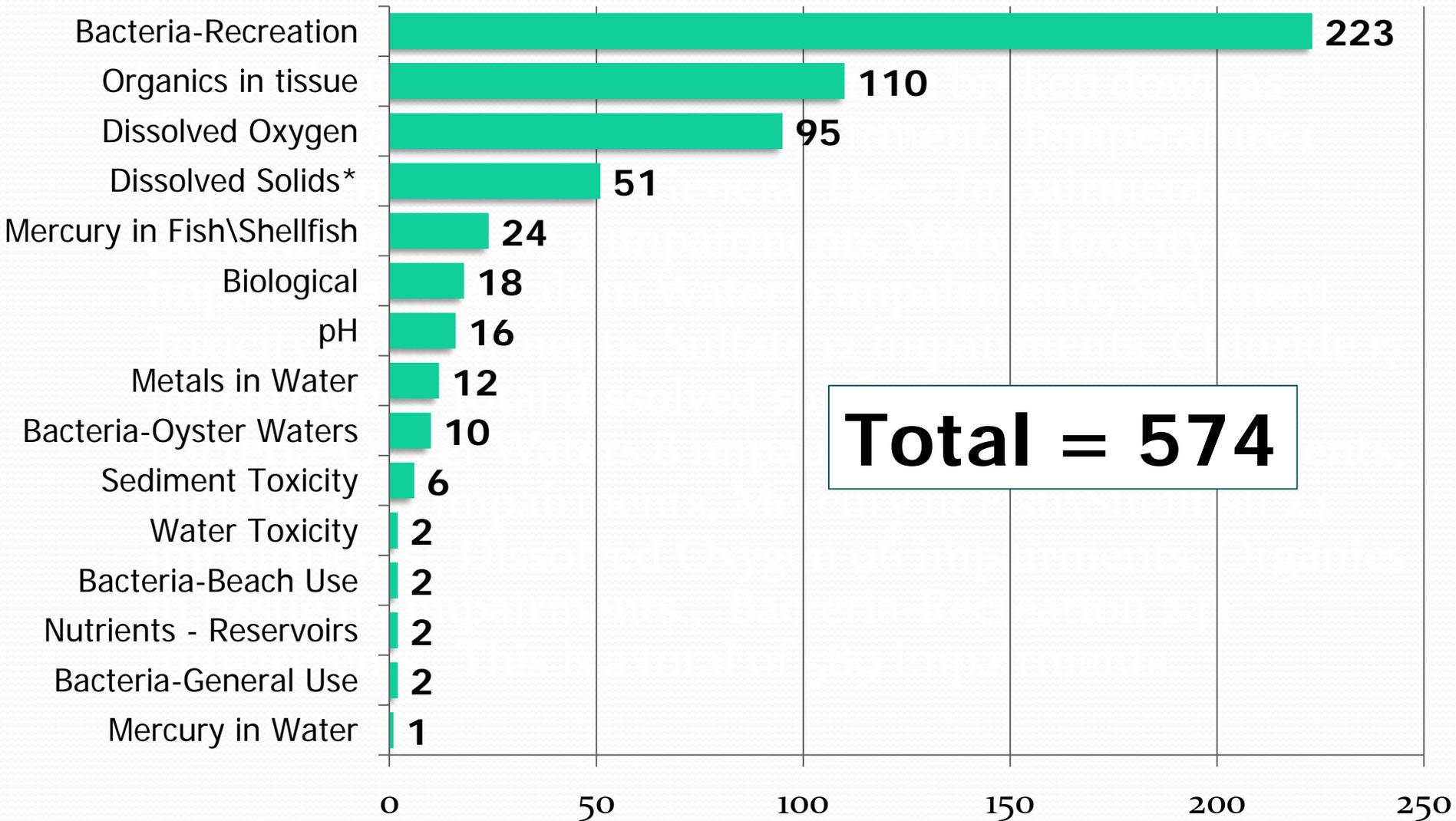
Integrated Report Documents (cont)

- Executive Summary
- Guidance for Assessing and Reporting Surface Water Quality in Texas
- Schedule to Develop TMDLs for Category 5a Water Bodies
- Trophic Assessment of Texas Reservoirs
- Public Comment and Response
- Cost/Benefit Assessment
- Changes to the Draft Following Public Comments
- Monitoring Program
- Statistically-Based Monitoring in Texas
- Texas Groundwater Assessment
- Category 4b Justifications\Updates
- Electronic data files summarizing the assessment results for EPA's Assessment Database

Draft 2016 Integrated Report Status

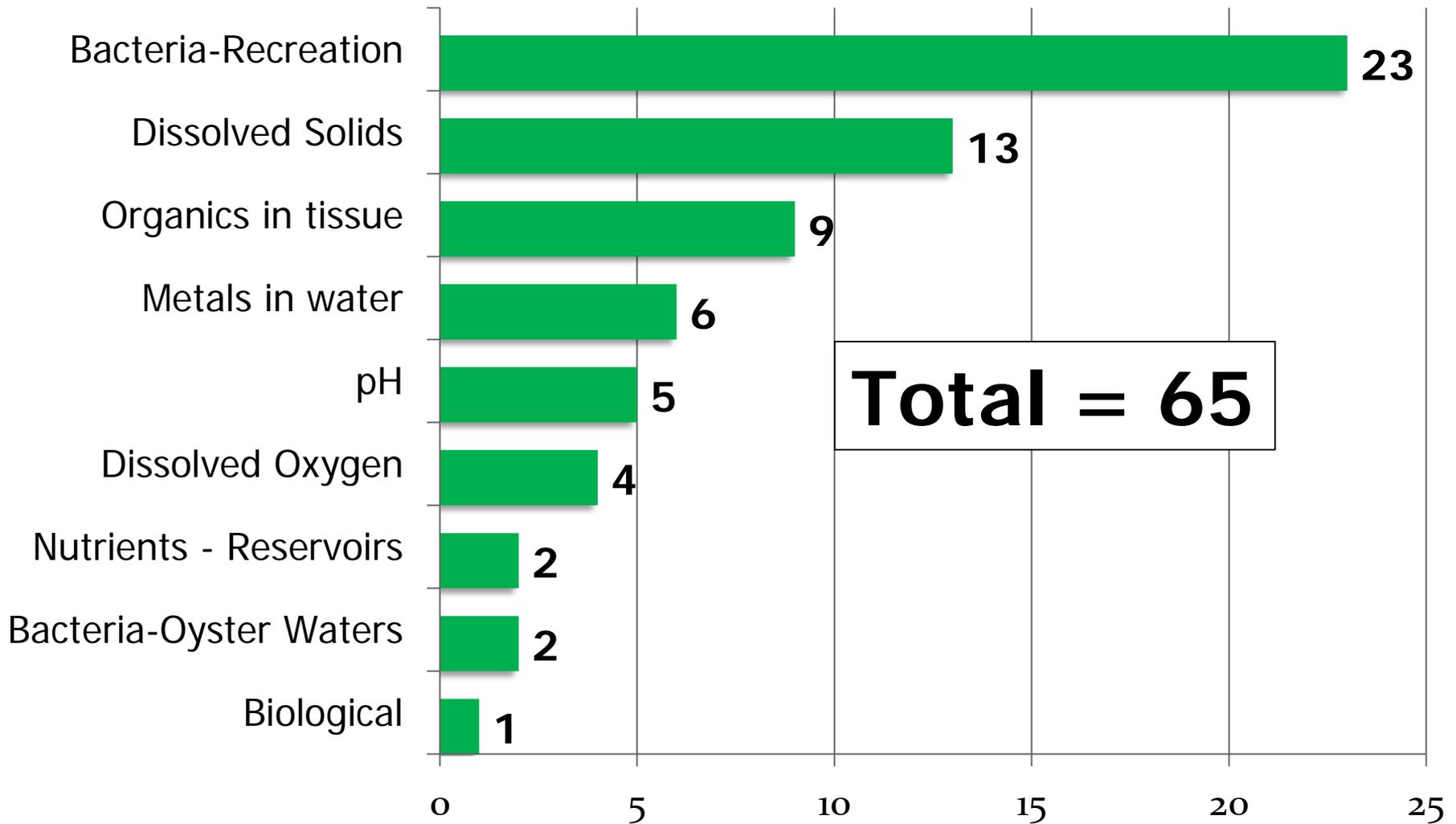
- Guidance Advisory Workgroup – July 27, 2015
- Data Provider Review – February 1 – March 2, 2016
- Public Comment Period – May 4 - June 5, 2018
- TCEQ Agenda – October 17, 2018

Impairments

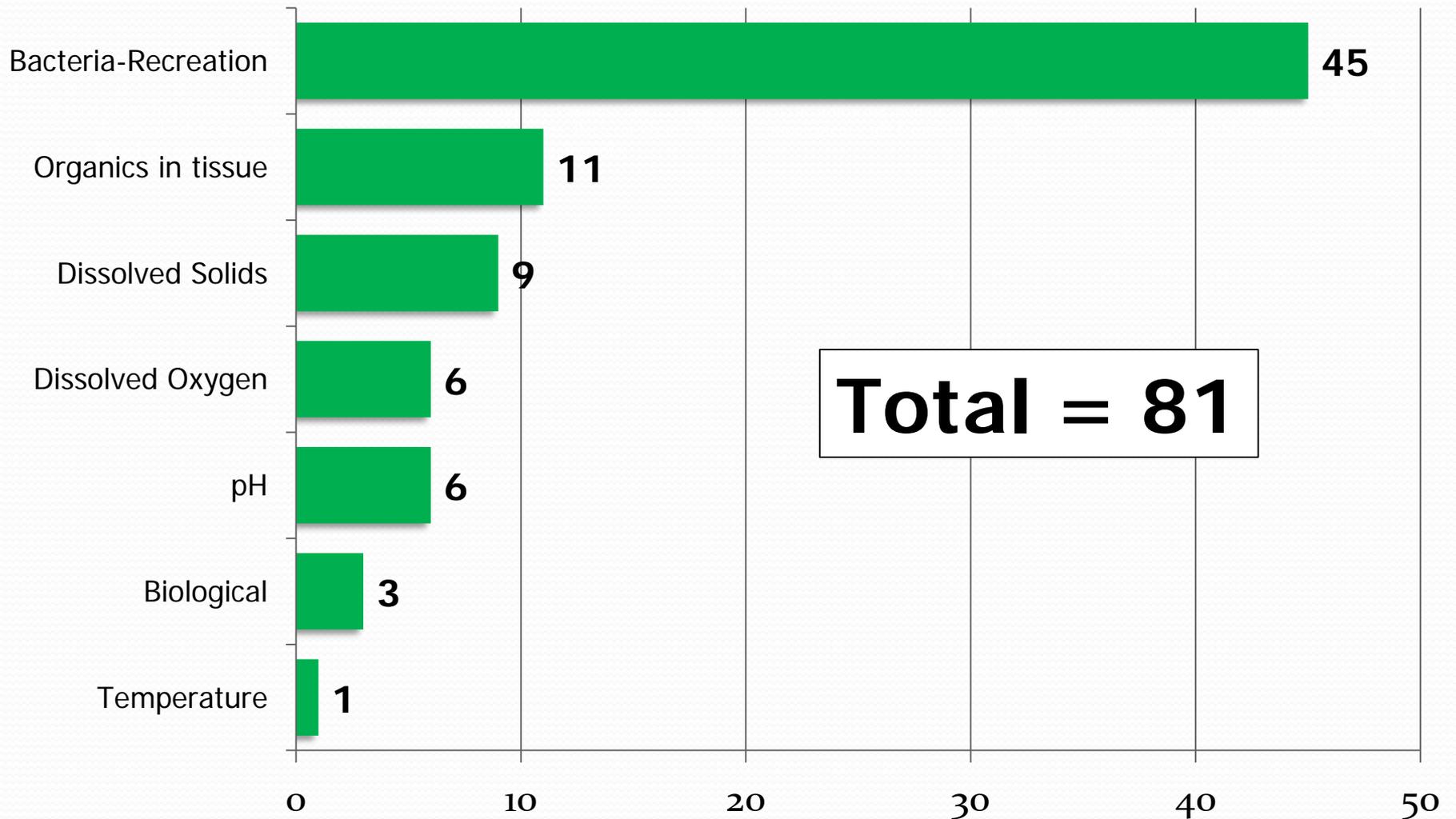


*Includes TDS, Sulfate and Chloride

2016 New Impairments



2016 Delistings



Impairment Changes 2014-2016

Parameter	2014 Impairments	2016 Impairments	Change
Metals in Water	6	12	6
Sulfate	12	16	4
Nutrients - Reservoirs	0	2	2
Bacteria - Oyster Waters	8	10	2
Chloride	17	18	1
pH	17	16	-1
Total Dissolved Solids	18	17	-1
Temperature	1	0	-1
Dissolved Oxygen	96	95	-1
Biological	20	18	-2
Organics in Tissue	114	110	-4
Bacteria - Recreation	243	223	-20

Changes in Impairment Status

- Decreases
 - Bacteria – Recreation (-20)
 - Organics – Fish\Shellfish (-4)
- Increases
 - Metals in Water (+6)
 - Sulfate (+4)

2018 Integrated Report Updates

- Updates to drought assessment methods
- Data collected during extreme high flow conditions
 - Review of how data collected during low flow conditions are evaluated
- Other assessment method changes?

Additional Information

- 2014 Integrated Report
 - <https://www.tceq.texas.gov/waterquality/assessment/14twqi/14txir>
- 2016 Integrated Report
 - https://www.tceq.texas.gov/waterquality/assessment/public_comment
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