

Leading and Lagging Indicators for US Onshore Upstream, 2017



Summary slides

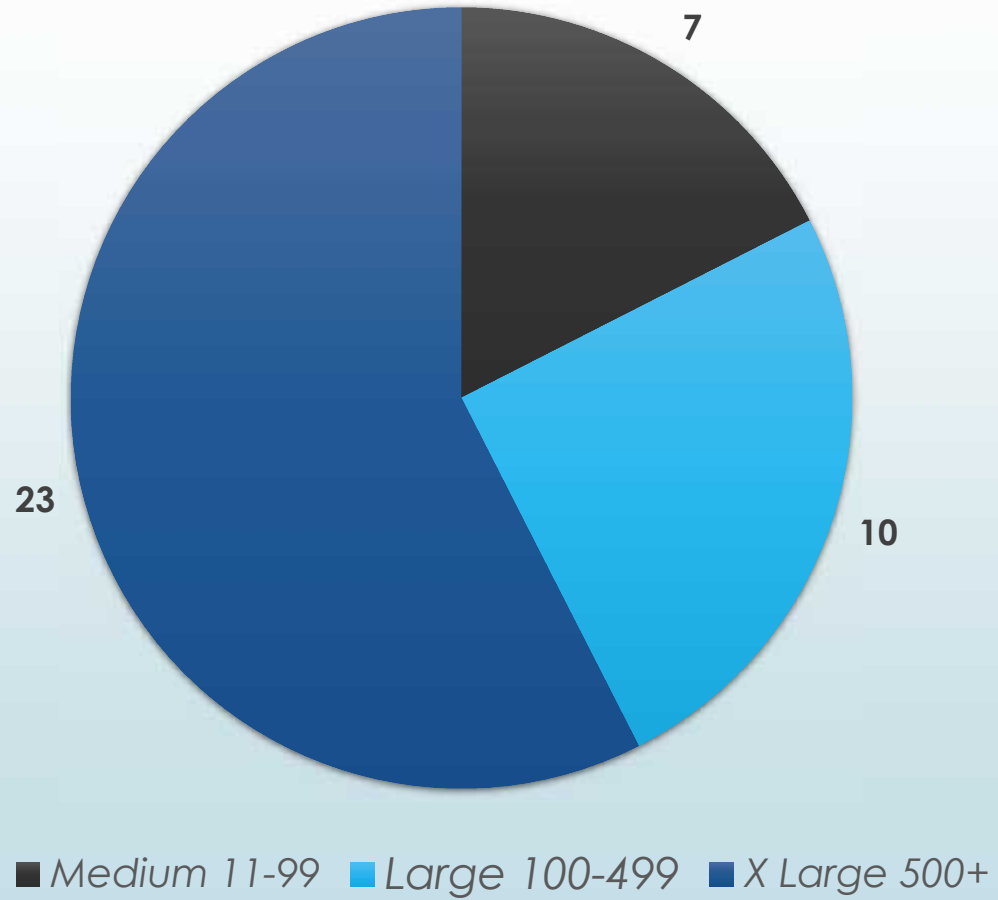


Summary: Top 10 Leading indicators

1. *Management time in the field*
2. *Safety and health training hours/on time completion*
3. *Safety walkthroughs: Identification of hazards*
4. *Reporting of and responding to close calls/near misses*
5. *Behavior Based observations and action items*
6. *SOP's and JSA's reviewed prior to jobs*
7. *On-time action item closures from inspections and walkthroughs*
8. *Worker participation in Stand-Downs/Interventions/Hazard Alerts/campaigns*
9. *Management of Change for significant changes*
10. *Compliance with policies, standards and procedures*

Size of the companies

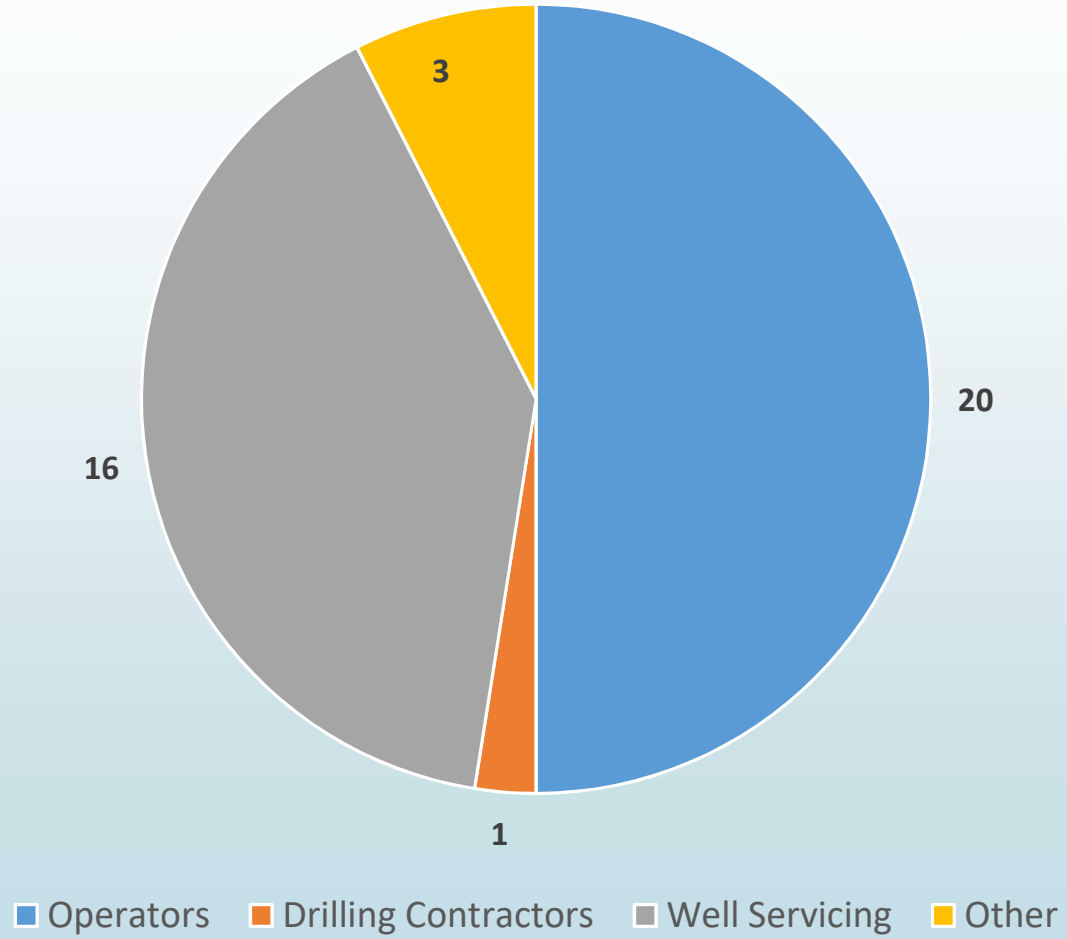
Poll responders by company size, 40 responses



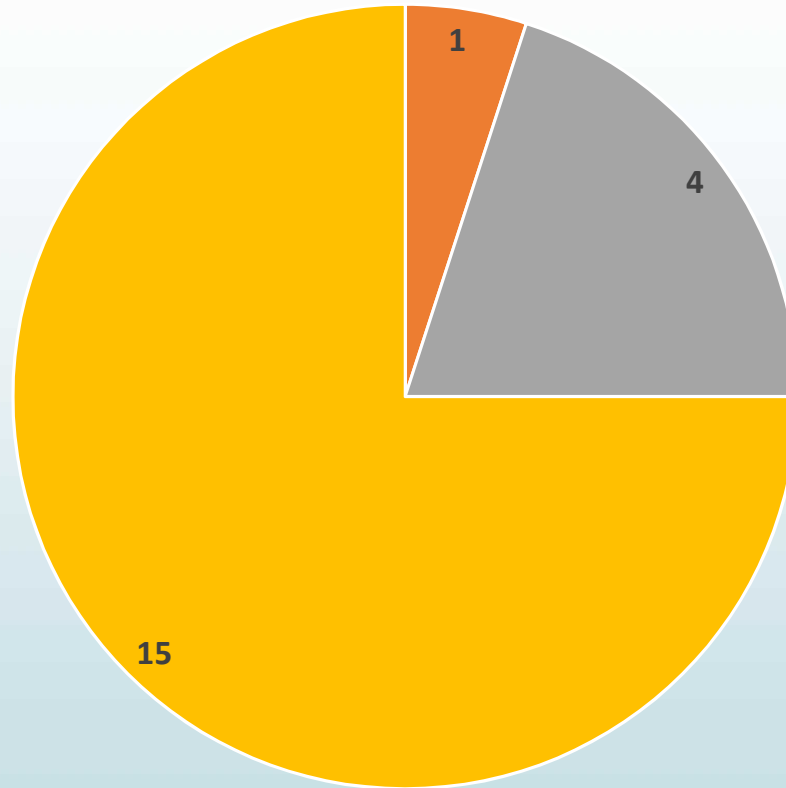
Company Types

Poll responses by company type, 40 responses

Frequency

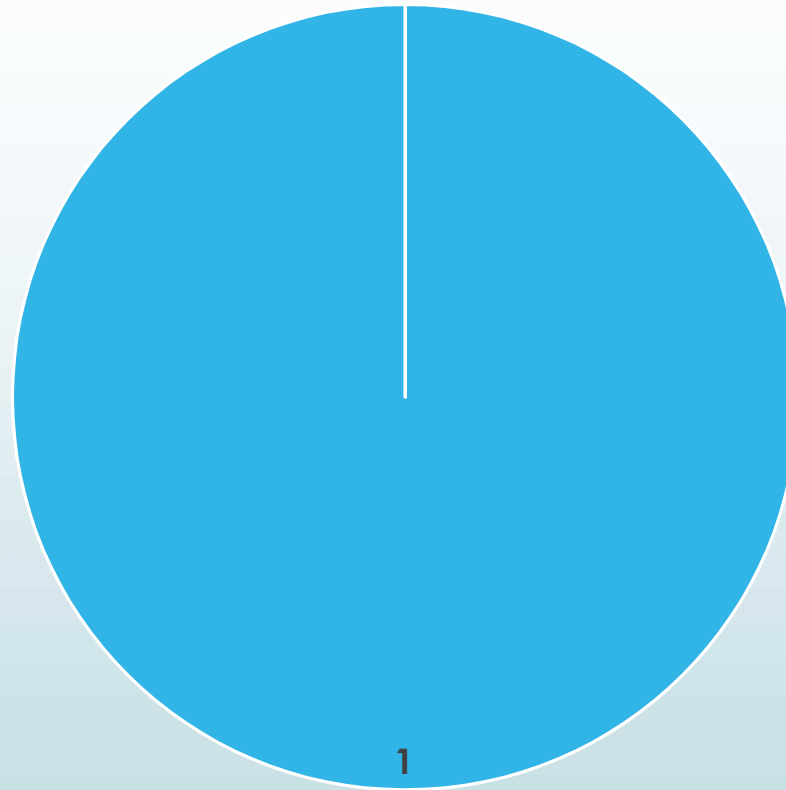


Operator size, 20 responses



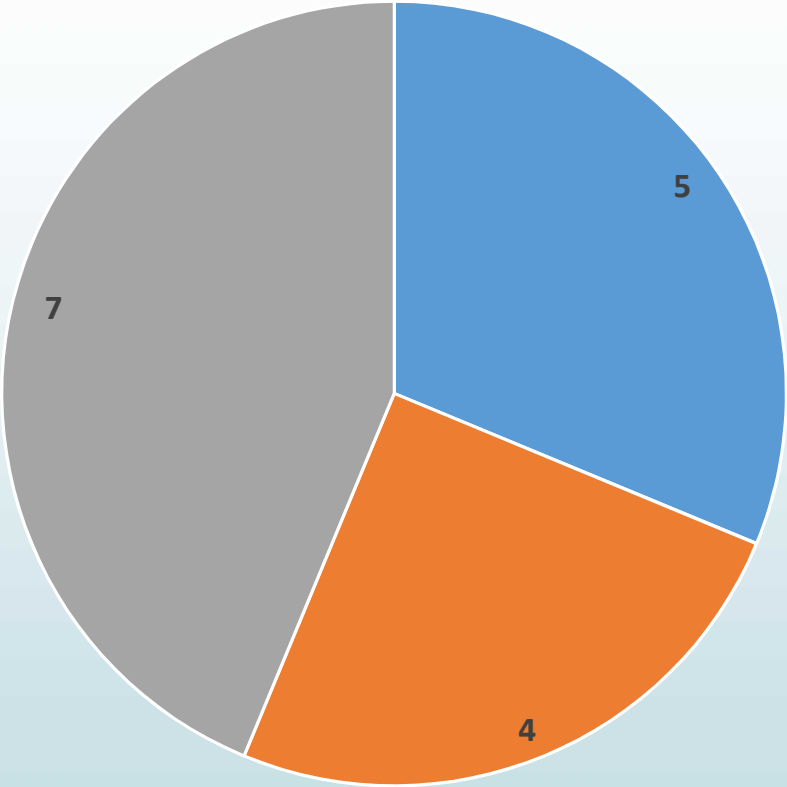
■ Small ■ Medium ■ Large ■ X-Large

Drilling Contractor size, 1 response



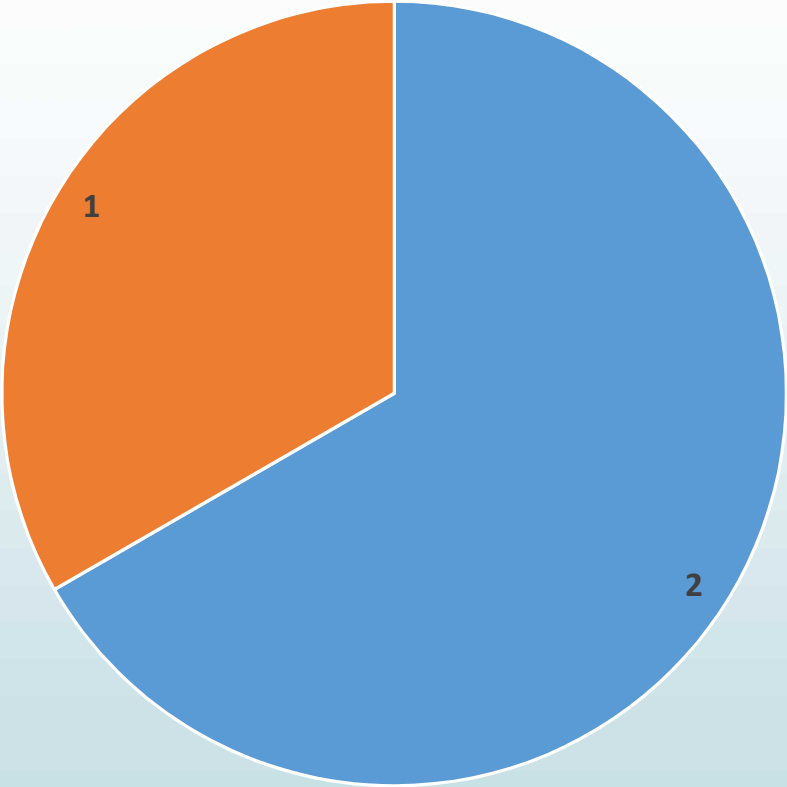
■ *Medium* ■ *Large* ■ *X-Large*

Well Servicing sizes, 16 responses



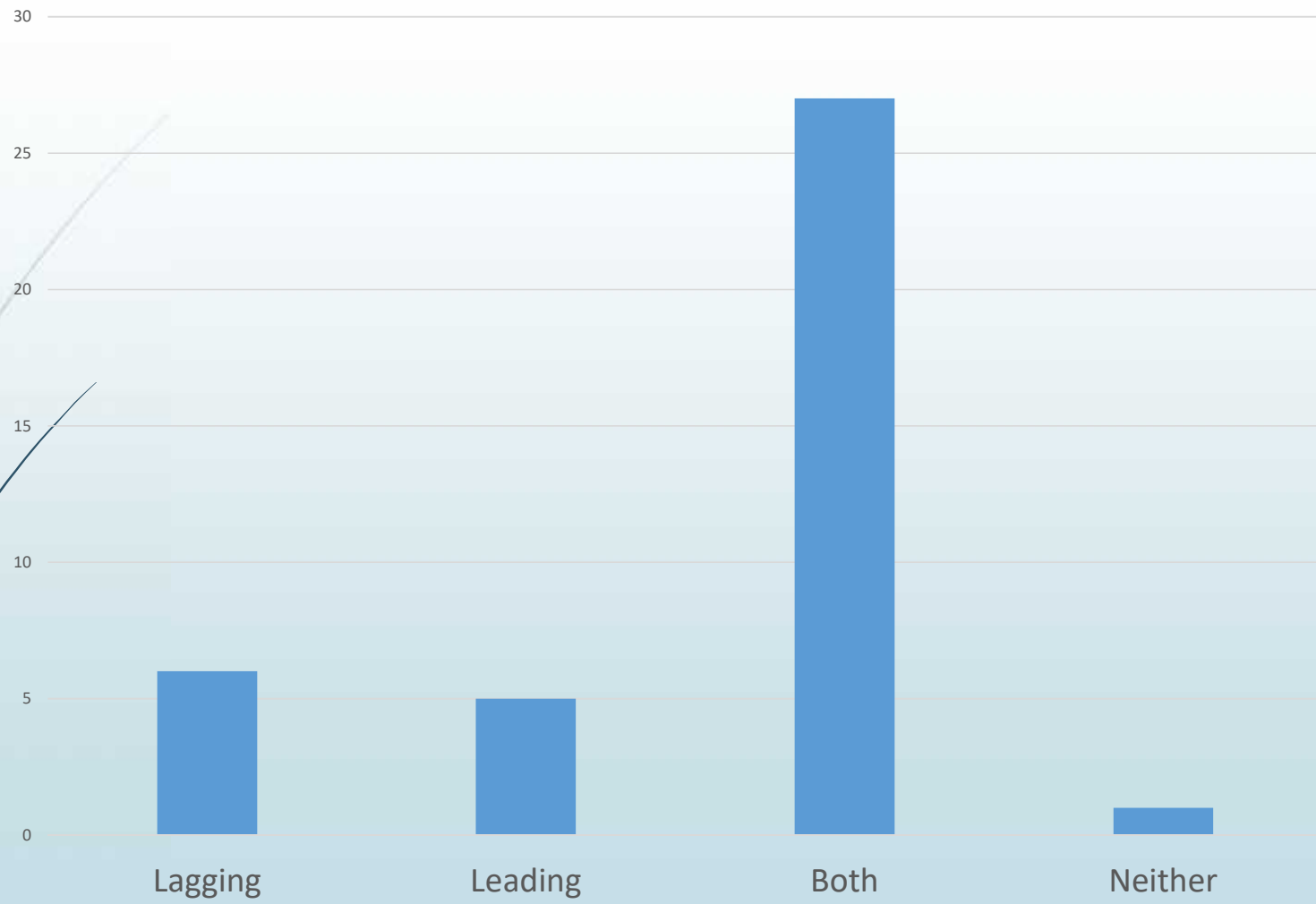
■ Medium ■ Large ■ X-Large

Other company sizes, 3 responses

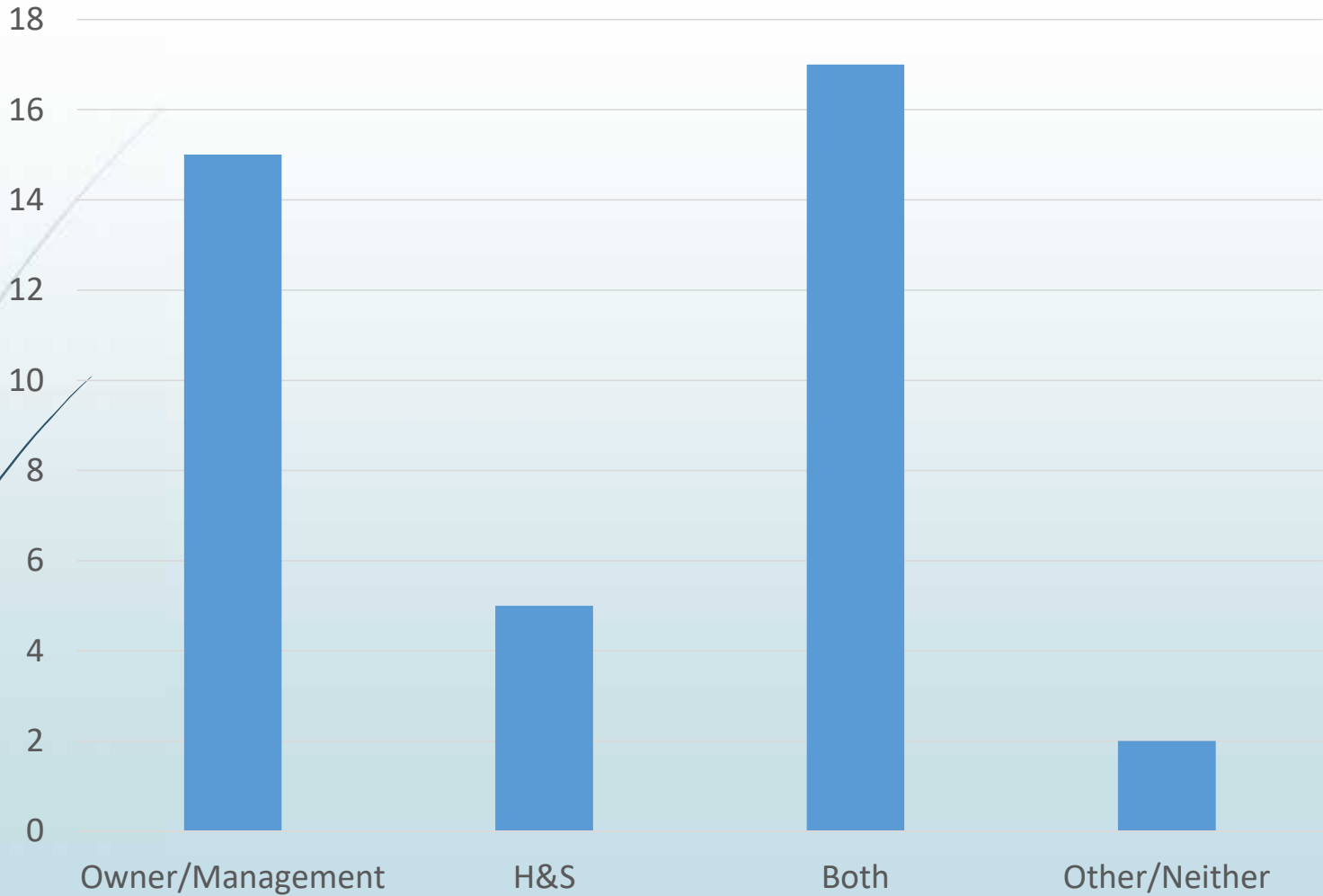


■ Large ■ X-Large

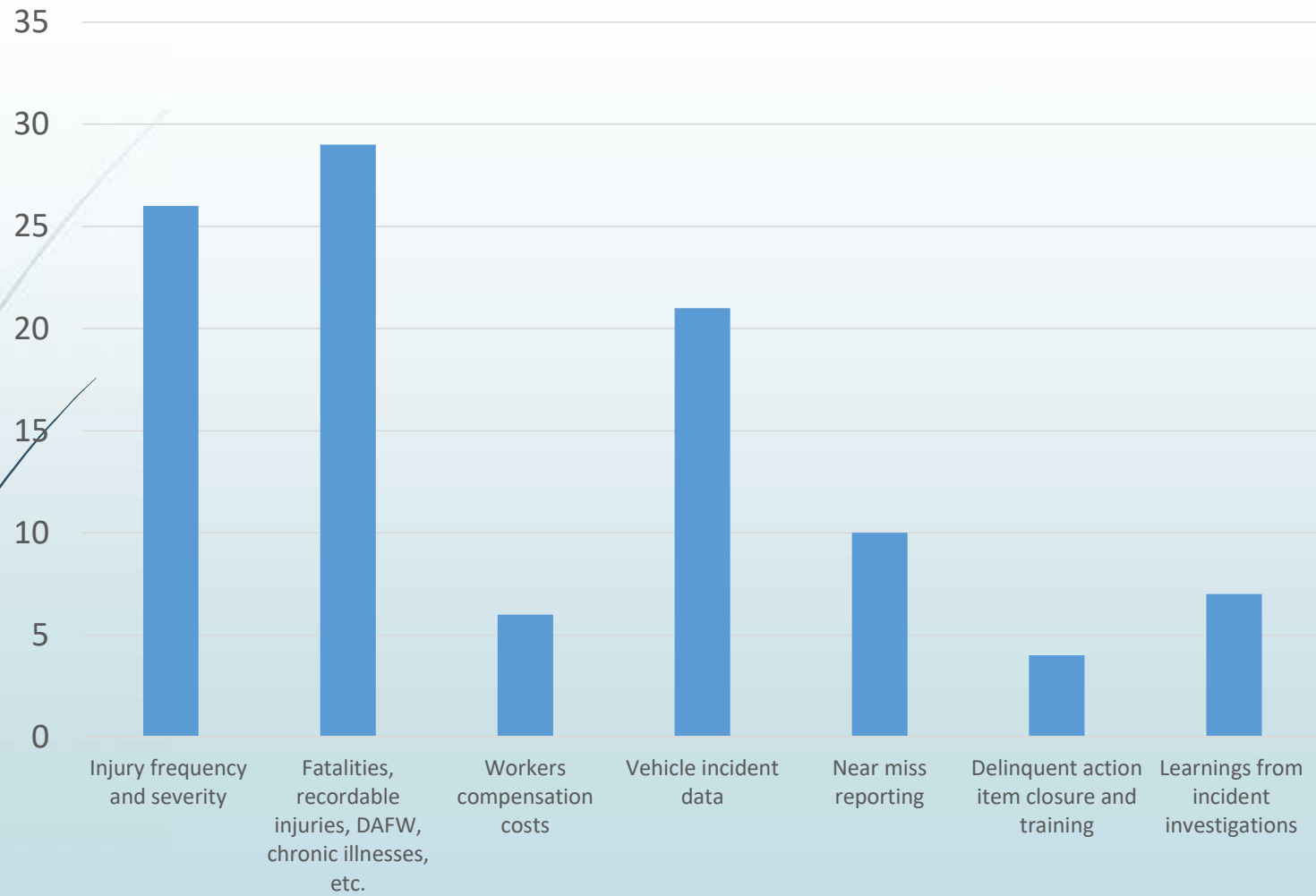
Does your company rely on lagging or leading indicators?



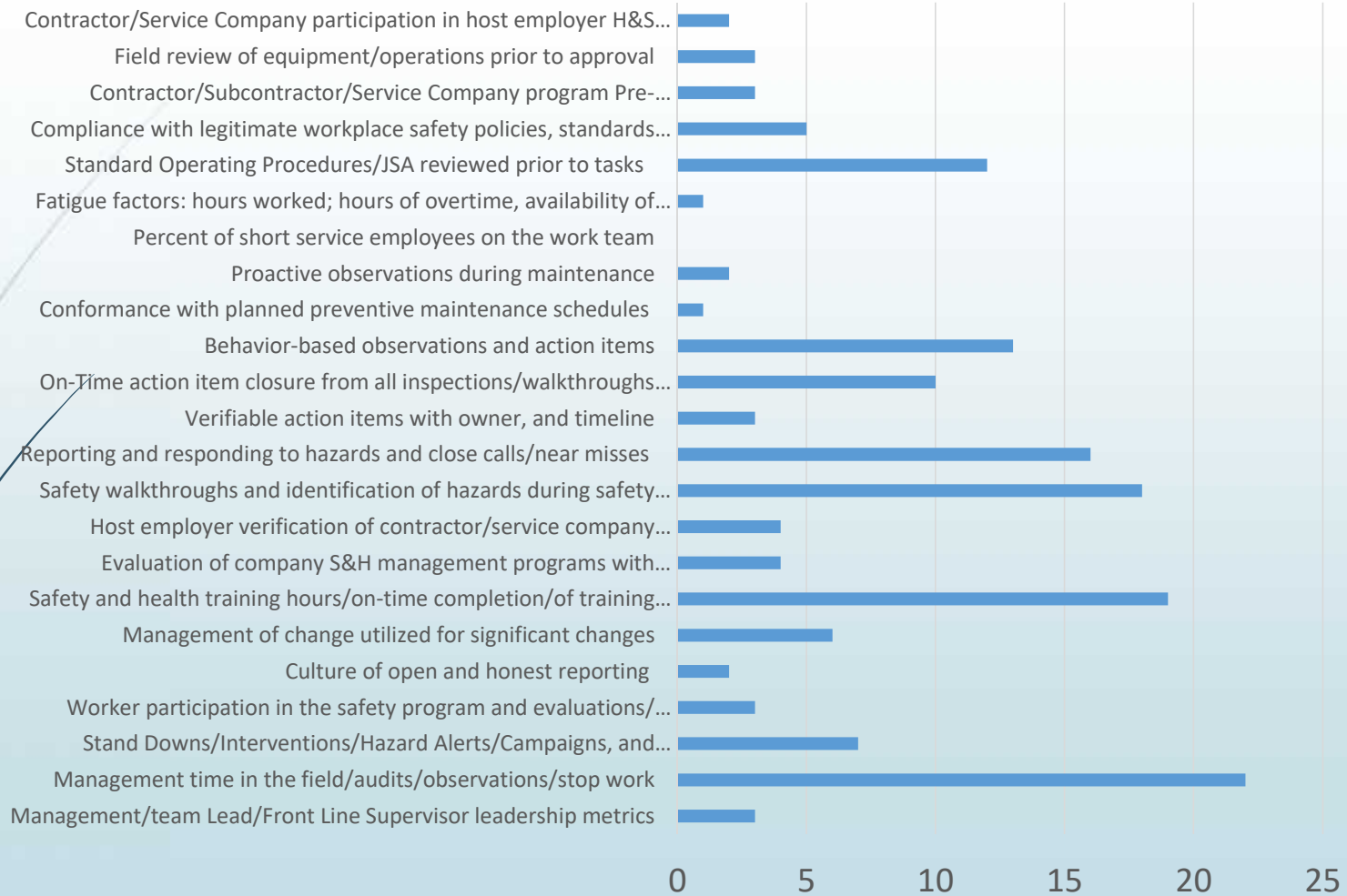
Owner/Managment or H&S Department Decision



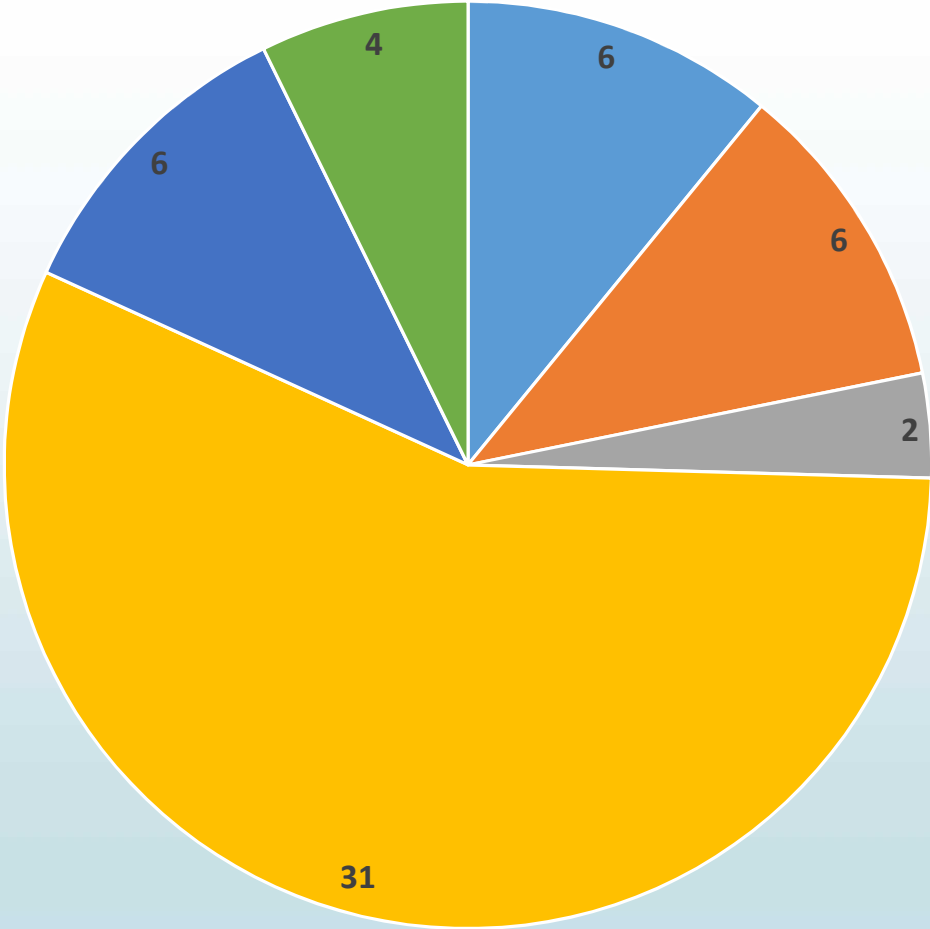
Lagging Indicators



Leading Indicators

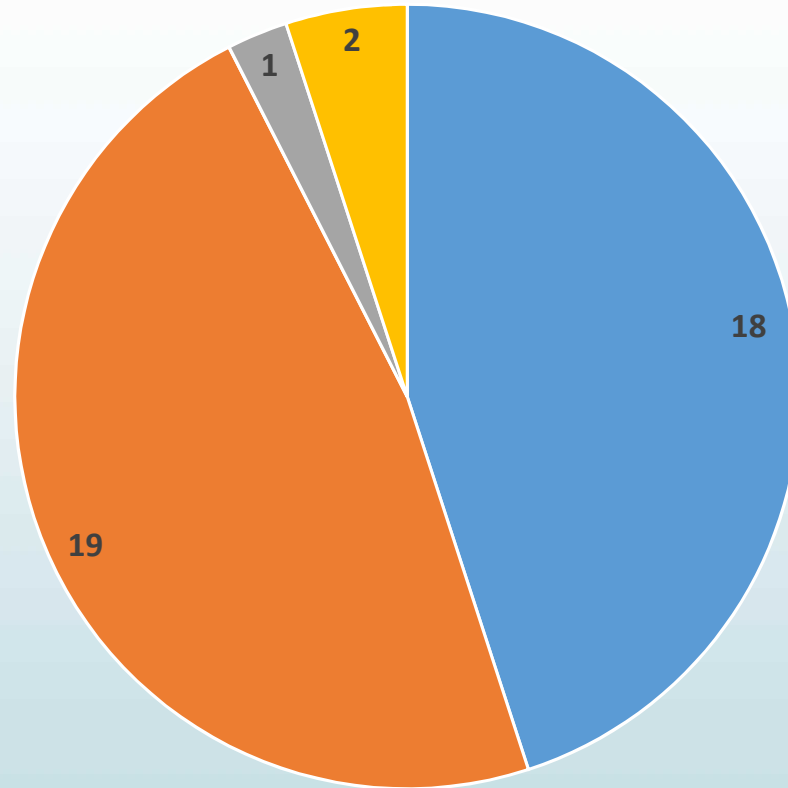


Departments collecting and reporting H&S metrics



Operations HR Risk Management H&S All Other

List one or more Health-related indicators?



■ Yes ■ No ■ Unknown ■ Missing