

## DATA AGGREGATION REPORTING SURVEY: KEY FINDINGS

63%

The majority of participants (63%), regardless of asset size, rated their data aggregation program as midway to mature, although more of the institutions with assets greater than \$50B did so.

70%

70% of institutions have had their risk data aggregation and risk reporting framework reviewed and approved by their Board of Directors; only 15% of smaller institutions have done so.

15%

### Key risk indicators used to measure data quality as sorted by asset size:

#### Institutions with assets less than \$50B

- Overall portfolio by critical data elements with >5% error rate.
- Monthly critical data element (CDEs) error rates by business unit and executive.
- Percent represented in enterprise data lake. Errors reported in data.

#### Institutions with assets greater than \$50B

- Data quality score cards that measure accuracy, completeness, timeliness and adaptability.
- We considered using KRIs but ultimately decided to use qualitative statements to track our data governance program in our risk appetite statement.
- Data quality on key data points.
- Number of outstanding/unresolved issues per risk stripe.
- Data integration error rate, key data element quality rate, percentage of data files loaded to data warehouse failing controls, high priority data incidents percentage change, high rated data issues past due.
- Primarily completeness, accuracy, integrity KRIs by risk type, by business line and various data related KPIs.

97%

97% of participants reported that they are able to generate accurate and reliable risk data to meet *normal* reporting accuracy requirements.

90%

While 90% are able to generate accurate and reliable risk data to meet *stress/crisis* reporting accuracy requirements.

70%

70% are able to capture and aggregate all material risks.

65%

65% are using data aggregation to find internal emerging risks.

The vast majority of participants have the ability to aggregate risk exposures and identify concentrations quickly and accurately:

- 86% at the group level.
- 82% across business lines.
- 68% across legal entities.

When asked the purpose of the data aggregation, every participant is developing it for risk reporting and:

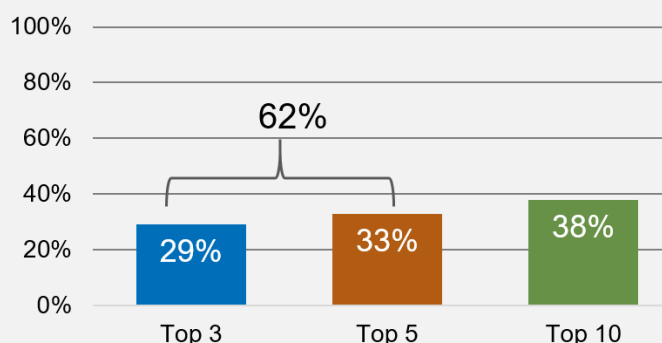
- 82% are developing it for regulatory reporting.
- 71% are developing it for finance.
- 61% for business.
- 50% for marketing.

All of the participants report that data aggregation is a top priority.

100%



The results are unchanged at the asset level.



62% of survey respondents indicate that data aggregation is at least a Top 5 priority.