



# Metrics

**Release 2021-03**

<https://chaoss.community/metrics>

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Are you eligible to be on this list? You are if you helped in any capacity, for example: Filed an issue. Created a Pull Request. Gave feedback on our work. Please open an issue or post on the mailing list if we've missed anyone.

## **CHAOSS Governing Board members at time of release:**

- Amy Marrich, Red Hat

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- Andrea Gallo, Linaro
  - Armstrong Foundjem, MCIS Laboratory at Queen's University
  - Daniel Izquierdo, Bitergia
  - Daniel M. German, University of Victoria
  - Dawn Foster, VMware
  - Don Marti, CafeMedia
  - Georg Link, Bitergia
  - Ildikó Vancsa, OpenStack
  - Kate Stewart, Linux Foundation
  - Matt Germonprez, University of Nebraska at Omaha
  - Nicole Huesman, Intel
  - Ray Paik, GitLab
  - Sean Goggins, University of Missouri
  - Wayne Beaton, Eclipse Foundation

## Release History

CHAOSS metrics are released continuously. The regular release is when we update the version number, update the full release notes, and make a big announcement. These releases occur one to two times a year and may correspond with the dates of a CHAOSScon event. Prior to regular release, continuous released metrics go through a comment period of at least 30 days.

### Continuous Metric Contributions Since Last Release

- **Common WG**
  - New metrics include:
  - Name Change/Revision:
- **Diversity & Inclusion WG**
  - New metrics include:
  - Name Change/Revision:
- **Evolution WG**
  - New metrics include:
  - Name Change/Revision:
- **Risk WG**
  - New metrics include:

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- Name Change/Revision:

- **Value WG**

- New metrics include:
  - Name Change/Revision:

## **Release 2021-03 Notes:**

- [PDF of released CHAOSS Metrics \(v.2021-03\)](#)

- **Common WG**

- New metrics include:
    - \* Technical fork
    - \* Burstiness
    - \* Review Cycle Duration within a Change Request

- **Diversity & Inclusion WG**

- New metrics include:
    - \* Chat Platform Inclusivity
    - \* Documentation Accessibility
    - \* Project Burnout

- **Evolution WG**

- New metrics include:
    - \* Branch lifecycle
    - \* Change Request Acceptance ratio
  - Name Change/Revision
    - \* Change Requests accepted
    - \* Change Requests declined
    - \* Change Requests Duration
    - \* Change Requests

- **Risk WG**

- New metrics include:
    - \* SPDX Document
    - \* Bus Factor

- **Value WG**

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- New metrics include:
    - \* Project popularity
  - Name Change/Revision
    - \* Social Listening

### **Release 2020-08 Notes:**

- [PDF of released CHAOSS Metrics \(v.2020-08\)](#)

- **Common WG**

- New metrics include:
  - \* Contributor Location
  - \* Time to Close
  - \* Types of Contributions

- **Diversity & Inclusion WG**

- New metrics include:
  - \* Documentation Usability
  - \* Inclusive Leadership
  - \* Issue Label Inclusivity
- New focus area - Project and Community

- **Evolution WG**

- New metrics include:
  - \* Inactive Contributors
  - \* New Contributors
- The Reviews metric was revised

- **Risk WG**

- No new metrics this release
- The Elephant Factor metric was revised

- **Value WG**

- No new metrics this release
- The SCMS metric was revised
- Work group focused on restructuring and creation of new focus areas - Organizational Value, Individual Value, and Communal Value
- All previously released metrics were assigned to the new focus areas

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## Release 2020-01 Notes:

- [PDF of released CHAOSS Metrics \(v.2020-01\)](#)
- All Metrics were restructured to conform to the new CHAOSS Project metrics document structure.
- **Common WG**
  - New metrics include:
    - \* Activity Dates and Times
    - \* Time to First Response
    - \* Contributors
  - Restructured and renamed focus areas
  - Organizational Diversity remains unchanged from previous release.
- **Diversity & Inclusion WG**
  - New metrics include:
    - \* Sponsorship
    - \* Board/Council Diversity
  - Improved clarity on several metrics that were in the previous release
- **Evolution WG**
  - New metrics include:
    - \* Issue Age
    - \* Issue Response Time
    - \* Issue Resolution Duration
    - \* New Contributors Closing Issues
  - Updated focus areas. Refactored the “Code Development” focus area into 3 separate focus areas to more closely align with other working groups. Rather than having one broad focus area with multiple subsections, we decided our intent would be better communicated by making each of these subsections into their own focus areas. The 3 separate focus areas include:
    - \* Code Development Activity
    - \* Code Development Efficiency
    - \* Code Development Process Quality
  - Kept the other 2 focus areas (Issue Resolution and Community Growth) the same.
  - No major changes were made to already existing metrics.
- **Risk WG**
  - New metrics include:

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- \* OSI Approved Licenses
  - \* Licenses Declared
  - \* Test Coverage (Updated)
  - \* Elephant Factor
  - \* Committers
  - Focused on increasing metrics coverage in the general areas of CNCF Core Infrastructure badging and licensing.
  - License Count was removed from the release. It is being replaced by the Licenses Declared metric.
  - Software Bill of Materials was removed from the release. It is being reworked as the SPDX Document metric for the next release.

- **Value WG**

- New metrics include:
  - \* Social Currency Metric System (SCMS)
  - \* Job Opportunities
- A new focus area of Ecosystem Value was developed

## **Release 2019-08 Notes**

- [PDF of released CHAOSS Metrics \(v.2019-08\)](#)
- Initial CHAOSS Metrics release.