#### Metrics

Report: Streaming

Chart: Receivers

Metric Name | Metric Description — | — receivers |

Chart: Batch Processing Delays

Metric Name | Metric Description — | — last received delay | last completed delay |

Chart: Batches

Metric Name | Metric Description — | — waiting batches | running batches | total completed batches | unprocessed batches | retained completed batches |

Chart: Batch Scheduling Delays

Metric Name | Metric Description — | — last received delay | last completed delay |

Report: Driver

Chart: Jobs

Metric Name | Metric Description — | — active jobs | all jobs |

Chart: Memory

Metric Name | Metric Description — | — driver memory used | driver remaining memory | driver max memory |

Chart: Disk

Metric Name | Metric Description — | — driver memory used |

Chart: Stages

Metric Name | Metric Description — | — running stages | waiting stages | failed stages |

Report: Worker

Chart: CPU & Executors

Metric Name | Metric Description — | — cores free | cores used | executors | cores free | cores used |

Chart: Memory

Metric Name | Metric Description — | — worker free memory | worker used memory |

Report: Master

Chart: Apps

Metric Name | Metric Description — | — apps | waiting apps |

Chart: Workers

 $\ \, \text{Metric Name} \mid \text{Metric Description} - \mid - \text{workers} \mid$ 

Report: Executor

Chart: File

Metric Name | Metric Description — | — large read ops | read ops | write ops | read bytes | write bytes | write bytes | write bytes |

Chart: HDFS

Metric Name | Metric Description — | — large read ops | read ops | write ops | read bytes | write bytes | write bytes | write bytes |

Chart: Tasks

Chart: Pool

Metric Name | Metric Description — | — current pool size | used (%) |

Report: Application Job

Chart: Stages

 $\label{eq:metric Name | Metric Description — | — active | completed | skipped | failed | }$ 

Chart: Tasks

Metric Name | Metric Description — | — total | active | completed | skipped | failed |

Report: Applications

Chart: Applications

Metric Name | Metric Description — | — uncompleted apps |

Report: Application Stage

Chart: Shuffle

Metric Name | Metric Description — | — read records | write records | read bytes | write bytes |

Chart: Disk & Memory Spilled

Metric Name | Metric Description — | — memory bytes | disk bytes |

Chart: Input & Output

Metric Name | Metric Description — | — output records | input records | output bytes | input bytes |

Chart: Tasks

Metric Name | Metric Description — | — active | completed | failed |

Report: RDD Storage

**Chart: Partitions** 

 $\begin{tabular}{ll} Metric Name & | Metric Description -- | -- partitions & | disk used & | \\ \end{tabular}$ 

# Chart: Disk & Memory

Metric Name | Metric Description — | — memory used | disk used |

# Report: Application Executor

#### Chart: Cores & Rdd Blocks

Metric Name | Metric Description — | — cores | rdd blocks |

#### Chart: Tasks

Metric Name | Metric Description — | — max tasks | active | failed | completed | total |

### Chart: Disk & Memory

Metric Name | Metric Description — | — memory used | mex memory | disk used |

# Chart: Totals

Metric Name | Metric Description — | — duration | gc time | input bytes | shuffle read | shuffle write |