The minimum size for Batch Apex is 1.

The maximum size for Batch Apex is 2000.

The default is 200.

Total number of records retrieved by Database.getQueryLocator 10,000

Total number of records retrieved by SOQL queries 50,000

Total number of SOQL queries issued1 100 200

Per-Transaction Apex Limits

These limits count for each Apex transaction. For Batch Apex, these limits are reset for each execution of a batch of records in the execute method.

This table lists limits for synchronous Apex and asynchronous Apex (Batch Apex and future methods) when they’re different. Otherwise, this table lists only one limit that applies to both synchronous and asynchronous Apex.

Note

Although scheduled Apex is an asynchronous feature, synchronous limits apply to scheduled Apex jobs.

| **Description** | **Synchronous Limit** | **Asynchronous Limit** |
| --- | --- | --- |
| Total number of SOQL queries issued1 | 100 | 200 |
| Total number of records retrieved by SOQL queries | 50,000 | |
| Total number of records retrieved by Database.getQueryLocator | 10,000 | |
| Total number of SOSL queries issued | 20 | |
| Total number of records retrieved by a single SOSL query | 2,000 | |
| Total number of DML statements issued2 | 150 | |
| Total number of records processed as a result of DML statements, Approval.process, or database.emptyRecycleBin | 10,000 | |
| Total stack depth for any Apex invocation that recursively fires triggers due to insert, update, or delete statements3 | 16 | |
| Total number of callouts (HTTP requests or web services calls) in a transaction | 100 | |
| Maximum cumulative timeout for all callouts (HTTP requests or Web services calls) in a transaction | 120 seconds | |
| Maximum number of methods with the future annotation allowed per Apex invocation | 50 | 0 in batch and future contexts; 1 in queueable context |
| Maximum number of Apex jobs added to the queue with System.enqueueJob | 50 | 1 |
| Total number of sendEmail methods allowed | 10 | |
| Total heap size4 | 6 MB | 12 MB |
| Maximum CPU time on the Salesforce servers5 | 10,000 milliseconds | 60,000 milliseconds |
| Maximum execution time for each Apex transaction | 10 minutes | |
| Maximum number of push notification method calls allowed per Apex transaction | 10 | |
| Maximum number of push notifications that can be sent in each push notification method call | 2,000 | |
| Maximum number of EventBus.publish calls for platform events configured to publish immediately | 150 | |