

# Injector Status

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Time Meeting

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- Provided needed intensities for RHIC operation last week.
- CeC commissioning requires low intensity and small longitudinal emittance Au beam. We have developed it in AGS. First, we eliminated all bunch merges in the AGS (6->3->1). The longitudinal emittance is 0.18eVs with 5.2E8/bunch. With Booster scraping added, the emittance is down to 0.075eVs with 2.4E8/bunch. This is about ten times smaller than the regular beam in both emittance and intensity: 0.75eVs with 2.7E9/bunch.
- Without merges, we have 12 bunches at AGS extraction, but only 10 can be injected into RHIC due to kicker limitation.