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Status and Performance of CMS Pixel Tracker during Run 3

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The CMS pixel detector is the innermost part of the CMS tracking system. The performance of the detector is monitored closely with frequent calibrations to measure expected degradation due to radiation damage. The pixel tracker provides high quality data for physics despite the ongoing challenges of Run 3. The operational experience and performance of the pixel tracker during 2022, 2023, and 2024 data-taking periods is presented.

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