

wwPDB.org

Fig.1 Number of Released PDB Structures

Fig.2 Median Structure Resolution (Å)

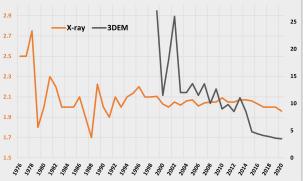


Fig.3 Number of X-ray Structures by Phasing Method

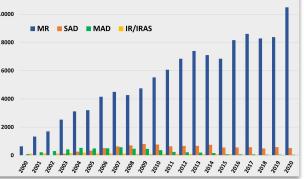
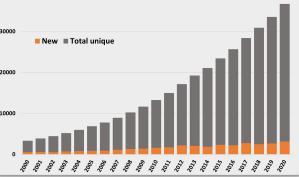


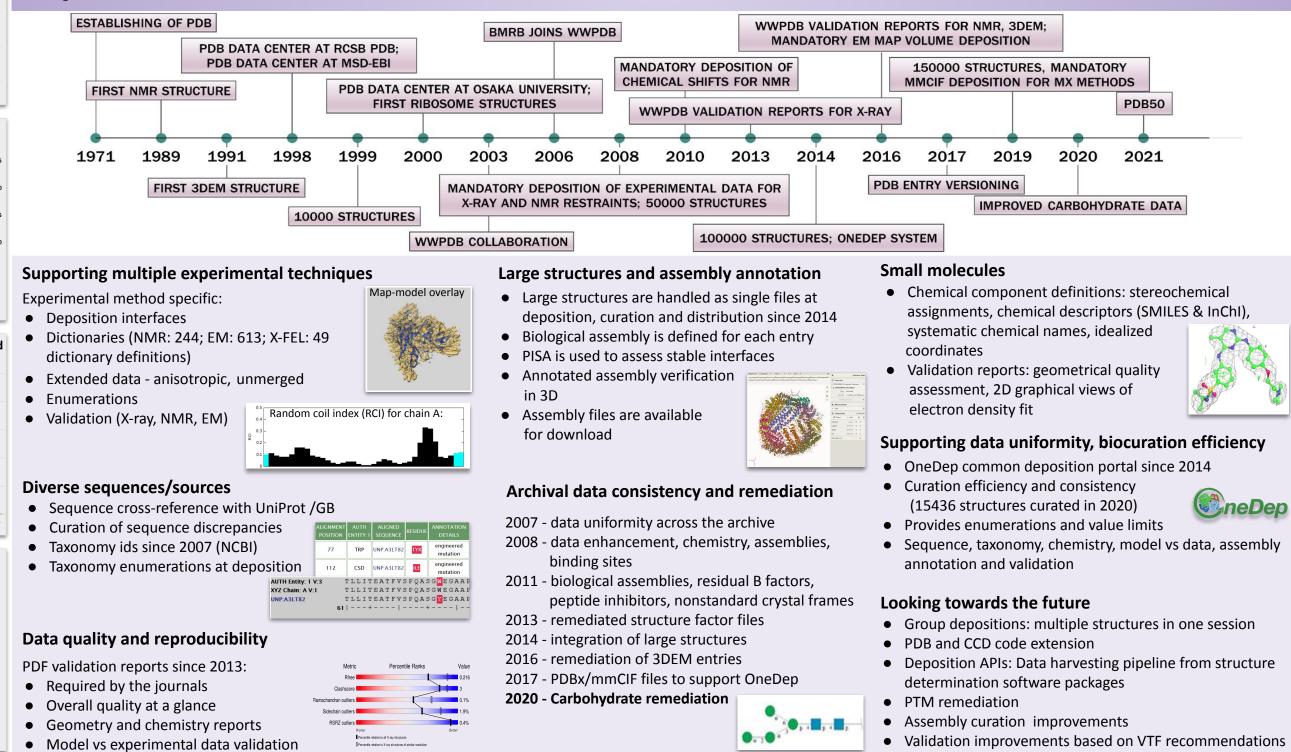
Fig.4 Number of Released Chemical Components



Trends in macromolecular structure data across 50 years of the PDB

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In 2021, we celebrate 50 years of the Protein Data Bank (PDB) archive - one of the longest-running open access scientific databases - managed collaboratively by the wwPDB (RCSB) PDB, PDBe, PDBi, and BMRB). Throughout these 50 years, there has been significant evolution of the data in the PDB archive. This evolution has been driven by a number of factors including development in structural determination techniques, adaptation of biocuration practices, and increase in data capture via updated file formats. Here we present some of the key trends in data across the PDB archive, highlighting how structural biology data has changed over time and how wwPDB biocuration practices have adapted to handle these changes.



wwPDB members









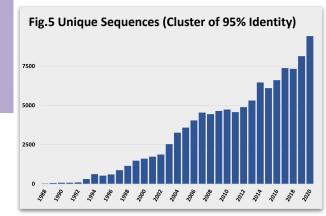


Fig.6 New and Cumulative Unique Sequences

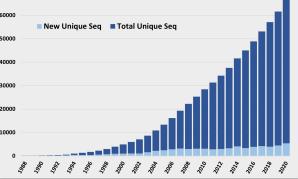


Fig.7 Mean Number of Atoms and Molecular Weight

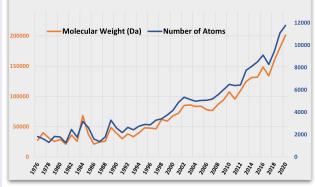
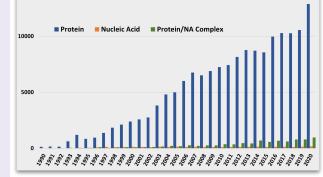


Fig.8 Number of Released Structures by Composition



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