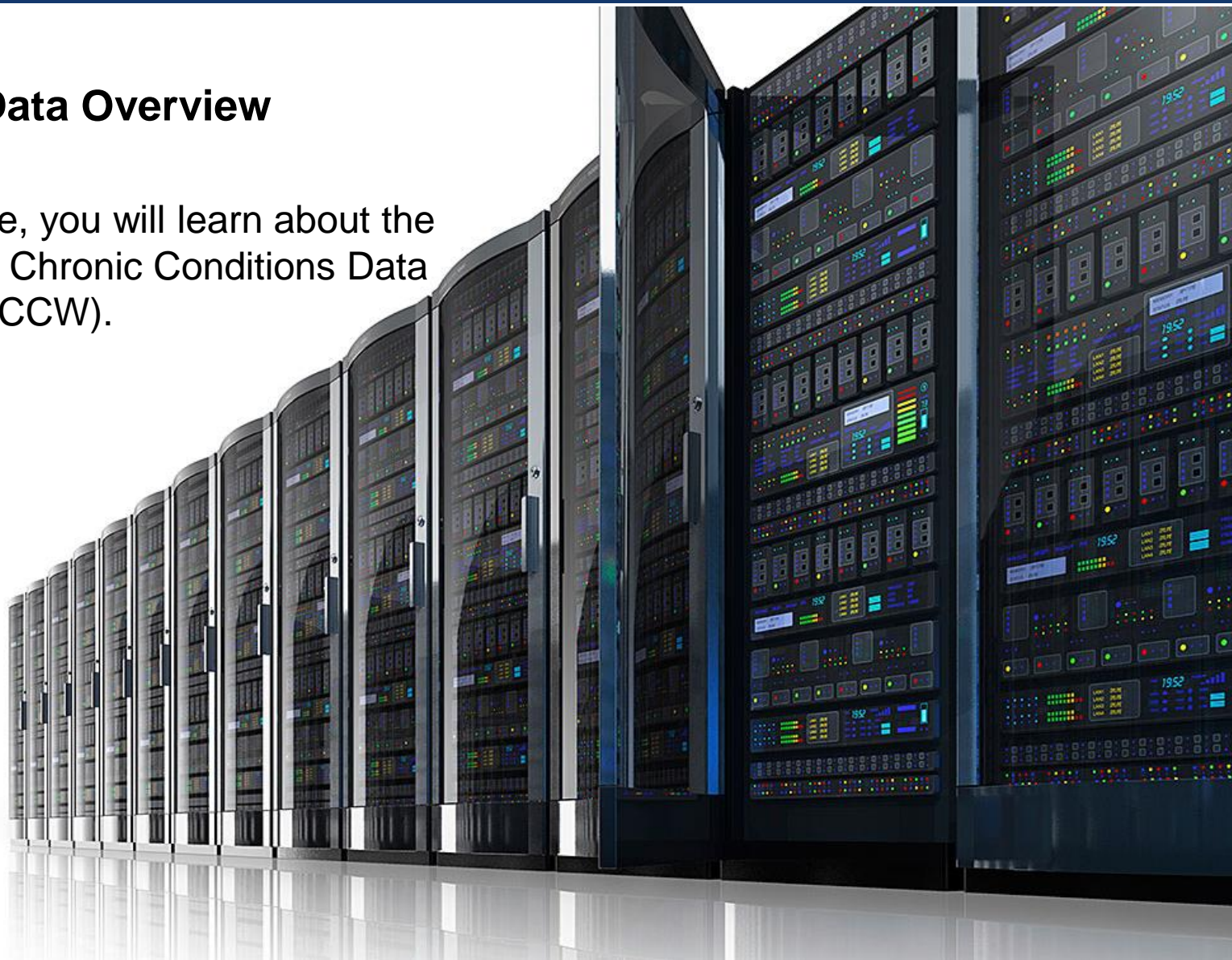




Centers for Medicare & Medicaid Services Chronic Condition Data Warehouse

Module 1 Data Overview

In this module, you will learn about the history of the Chronic Conditions Data Warehouse (CCW).

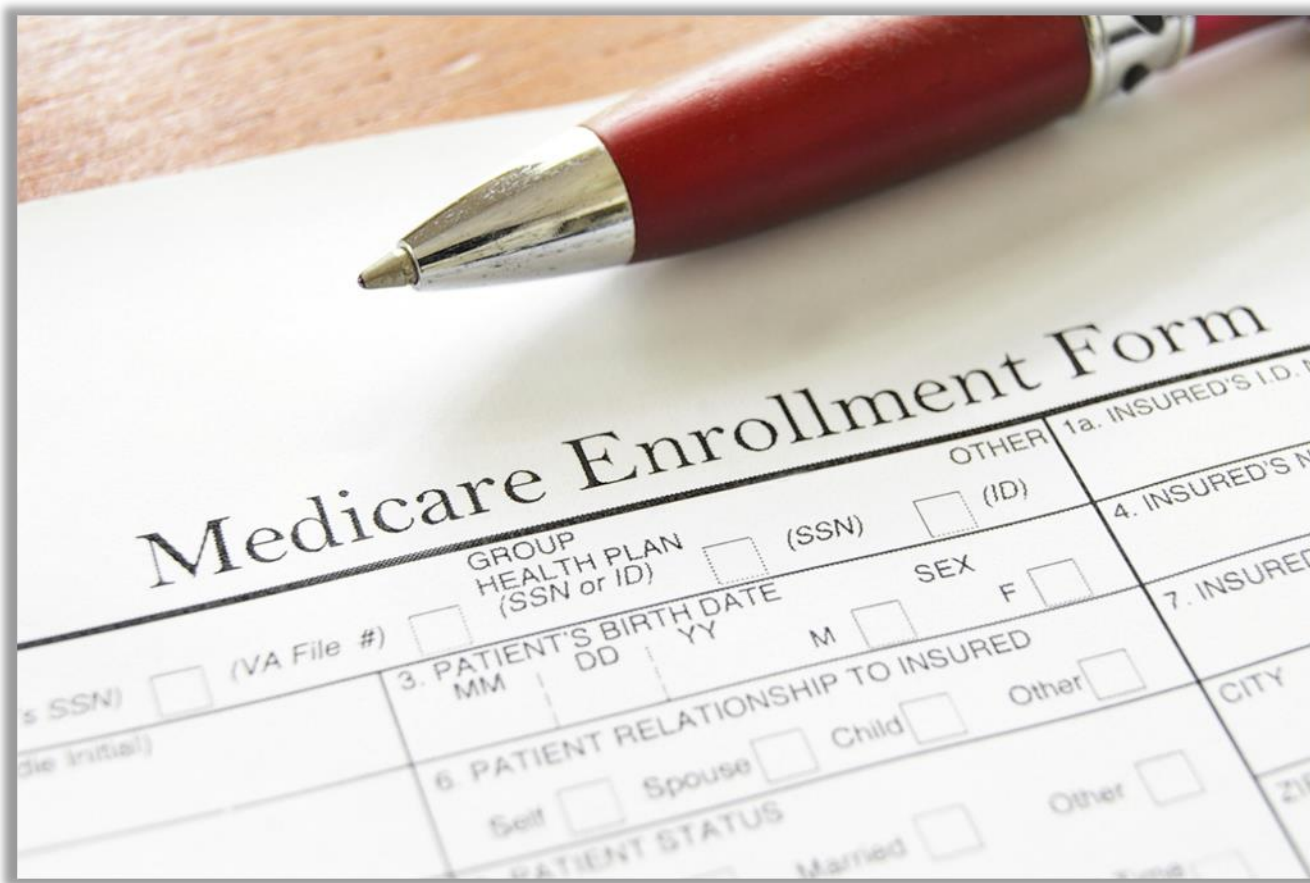


History of the CCW



This lesson will cover the history of the CCW from its establishment to the present time.

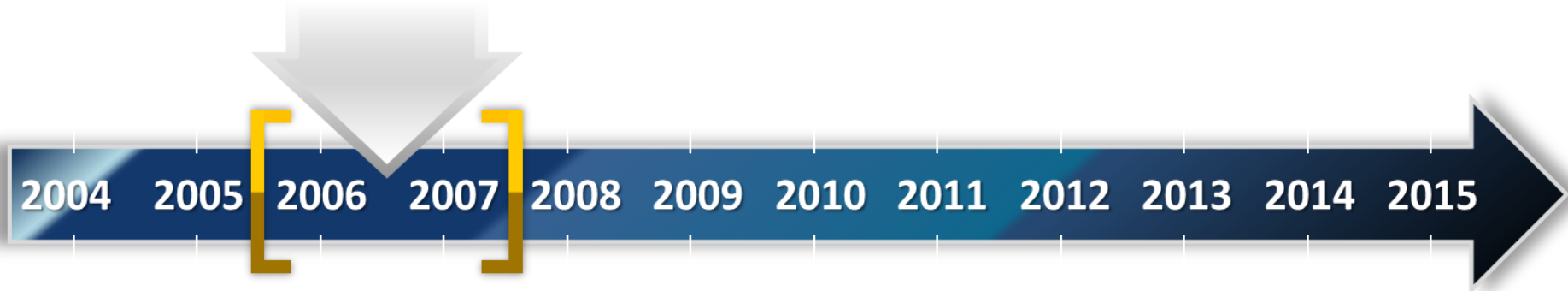
Medicare Modernization Act of 2003, Section 723, mandated a plan to “improve the quality of care and reduce the cost of care for chronically ill Medicare beneficiaries.”



- CCW Star schema design concept established
- Data loading begins with Medicare 5% sample
 - Eligibility and enrollment records
 - Fee-for-service claims
 - Assessments
- Unique Beneficiary Identifier, or BENE_ID, is developed



- 21 chronic conditions algorithms developed
- CMS Denominator file assigned BENE_ID
- Research summary files developed
 - Beneficiary Summary file
 - Chronic Conditions Summary file



- Encryption/extraction/delivery processes established
- Grand opening launched at the Academy Health Annual Research Meeting
- www.ccwdata.org released



- Part D data integrated (2006 forward)
 - Part D Denominator
 - Part D Events
 - Part D Characteristics (Drug Characteristics)
- Beneficiary Annual Summary File (BASF)
- Analytic “thin” files developed for CMS internal use



- 100% Medicare Parts A & B Claims back to 1999
- Medicaid MAX data 1999 – 2010
- National Death Index Data 1999 – 2008
- 6 new chronic conditions added



- Part D data enhancements included more Characteristics Files:
 - Pharmacy
 - Plan
 - Prescriber
 - Formulary (2010 forward)



- Integrated Master Beneficiary Summary File
- SAS Metadata Library
- Business Intelligence



- Data Enclave Pilot
- Workbench
- Infrastructure Enhancements
 - Clustered Servers
 - Up to 2 PB of Storage



- Production Virtual Research Data Center (VRDC) Environment
- Ccwdata.org Website Re-design



- SAS Grid
- Stata Software
- Improved File Upload/Download
- VM Enhancements
- CCW Access Request System (CARS)



- Over 15 years of 100% linked CMS data (over 325 billion records)
- Training and Support Materials
- LMS (Learning Management System)
- Cost Estimate Application
- AMS (Access Monitoring System)
- CARS Enhancements



- CCW Mobile Application
- Workbench Enhancements
- LMS Enhancements
- Additional Materials on Training and Support Materials Webpage
- CARS Enhancements
- Public AMS Dashboard



This module covered the history of the Chronic Conditions Data Warehouse (CCW).

Do you have any questions?

