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Immunizations in American Indian/Alaska Native Adults with Diabetes

Diabetes and Vaccine-Preventable Infections

- Diabetes makes it more likely to develop complications of vaccine-preventable infections
- Infections are more likely to complicate diabetes and other chronic conditions
- Diabetes can even make it more likely that people will be exposed to infection

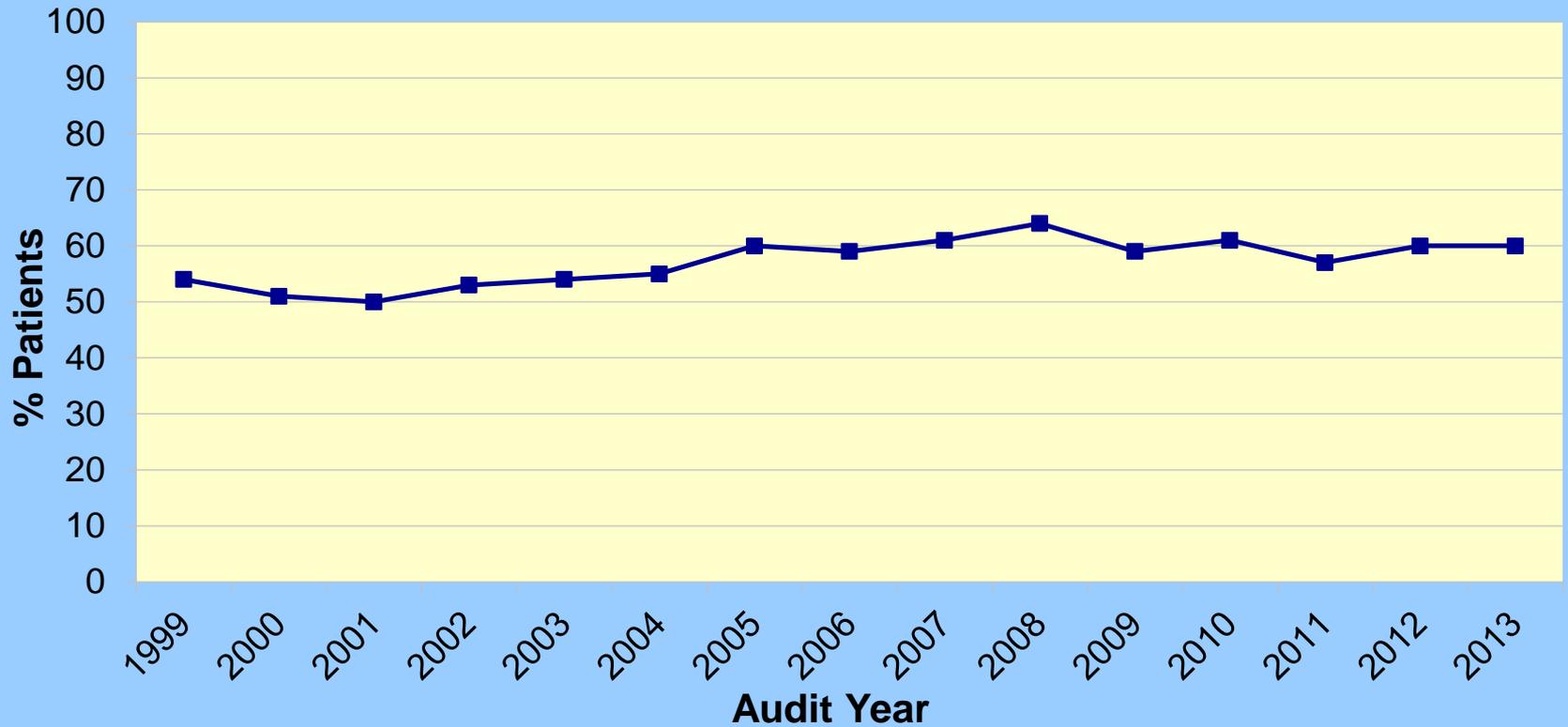
Immunizations and Diabetes

- ADA 2014:
 - Influenza
 - Pneumococcal polysaccharide
 - Hepatitis B
 - Plus reminder that people with diabetes need a number of vaccinations, some because of diabetes, others for general population
- CDC 2014: Diabetes
 - Influenza
 - Td/Tdap
 - Varicella
 - HPV
 - Zoster
 - MMR
 - Pneumococcal polysaccharide
 - Hepatitis B

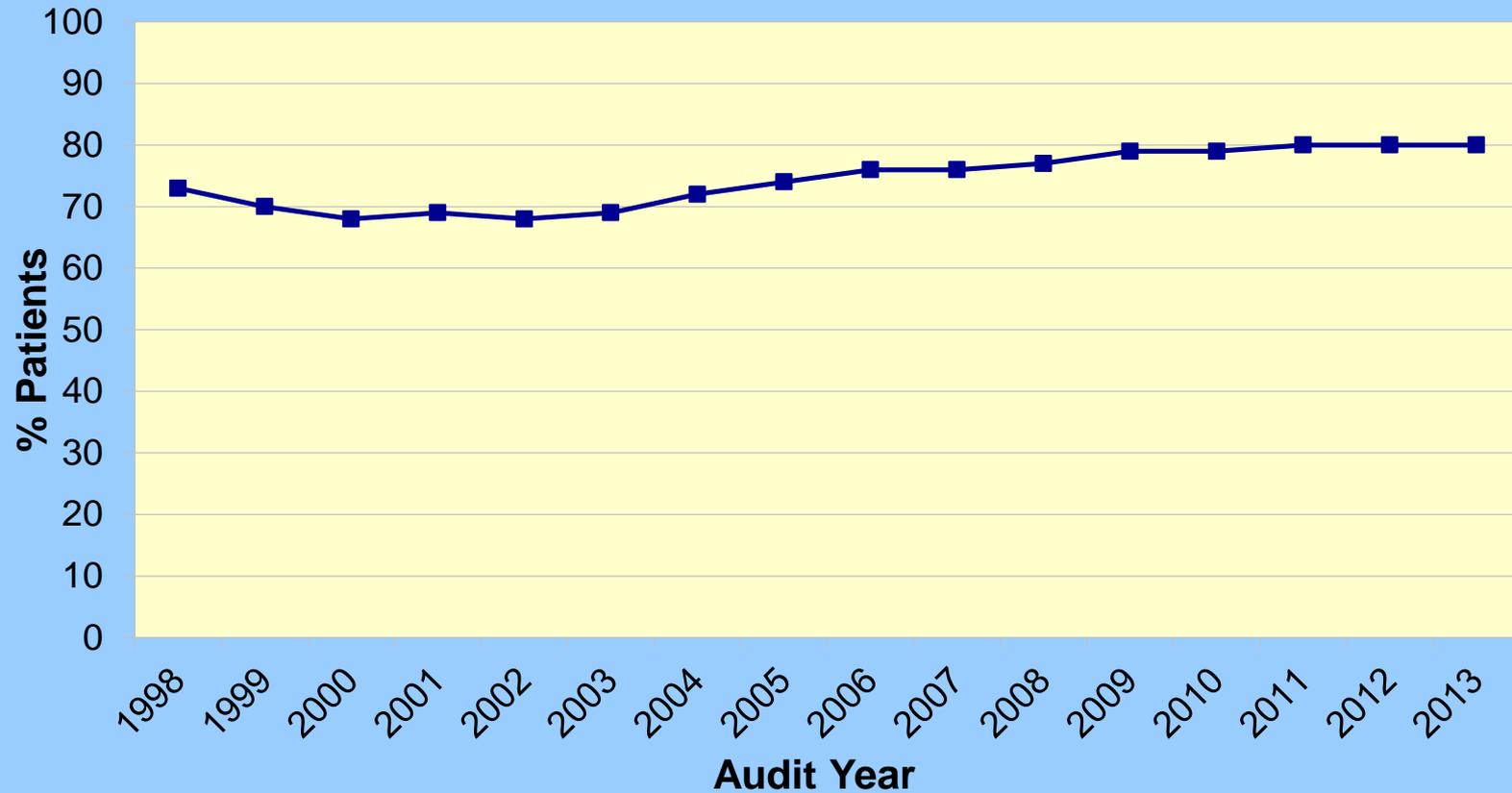
Diabetes Care and Outcomes Audit

- Assesses elements of diabetes care for AI/AN people
 - Including Immunizations
 - Influenza, Pneumococcal polysaccharide (Pneumovax), Td/Tdap, Hepatitis B series
- Audit results help facilities identify areas for improvement
- Audit 2013
 - Number of Facilities: **330**
 - Number of Charts Audited: **105,626**
 - About 2/3 audited electronically

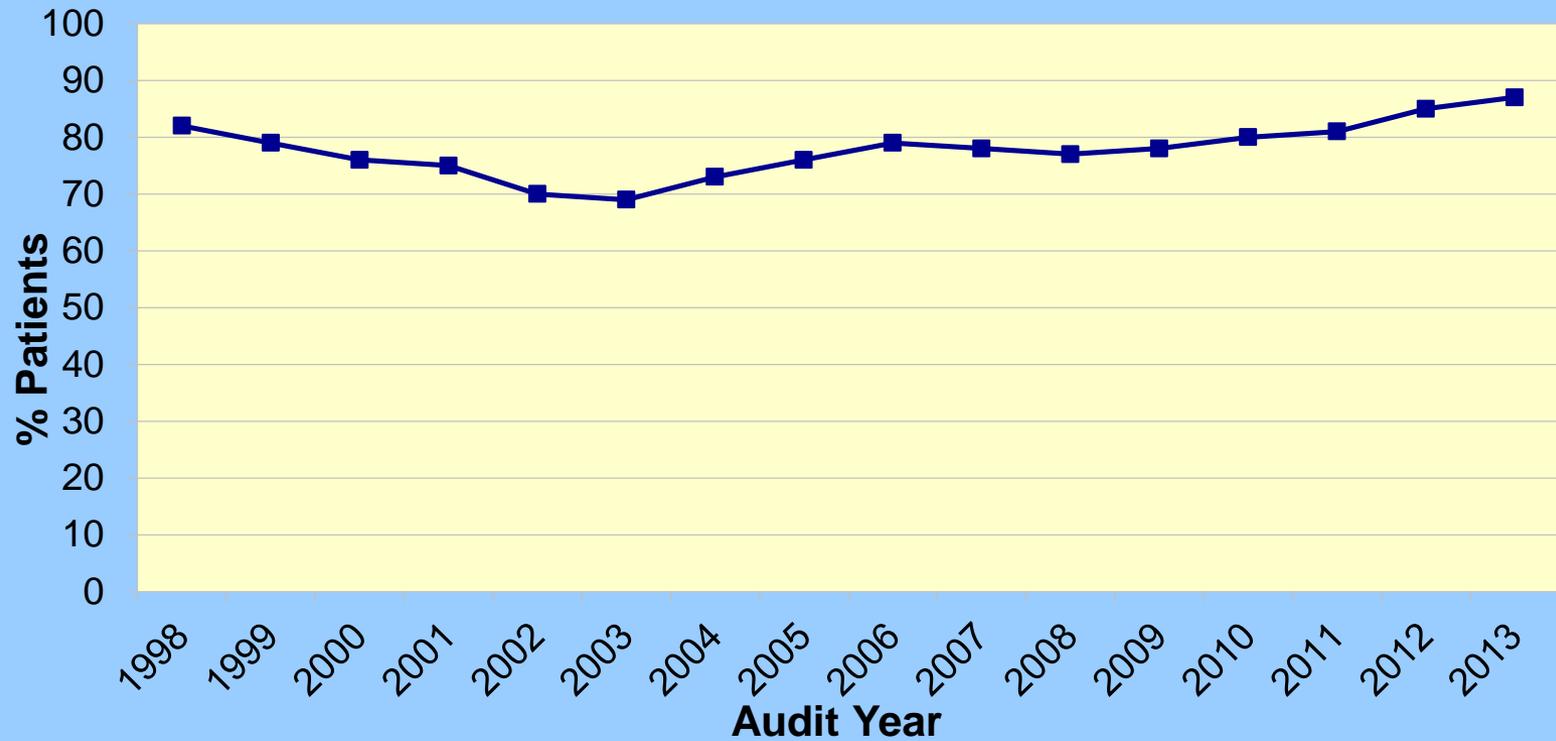
Flu Vaccination 1999 - 2013



Pneumovax 1998 - 2013

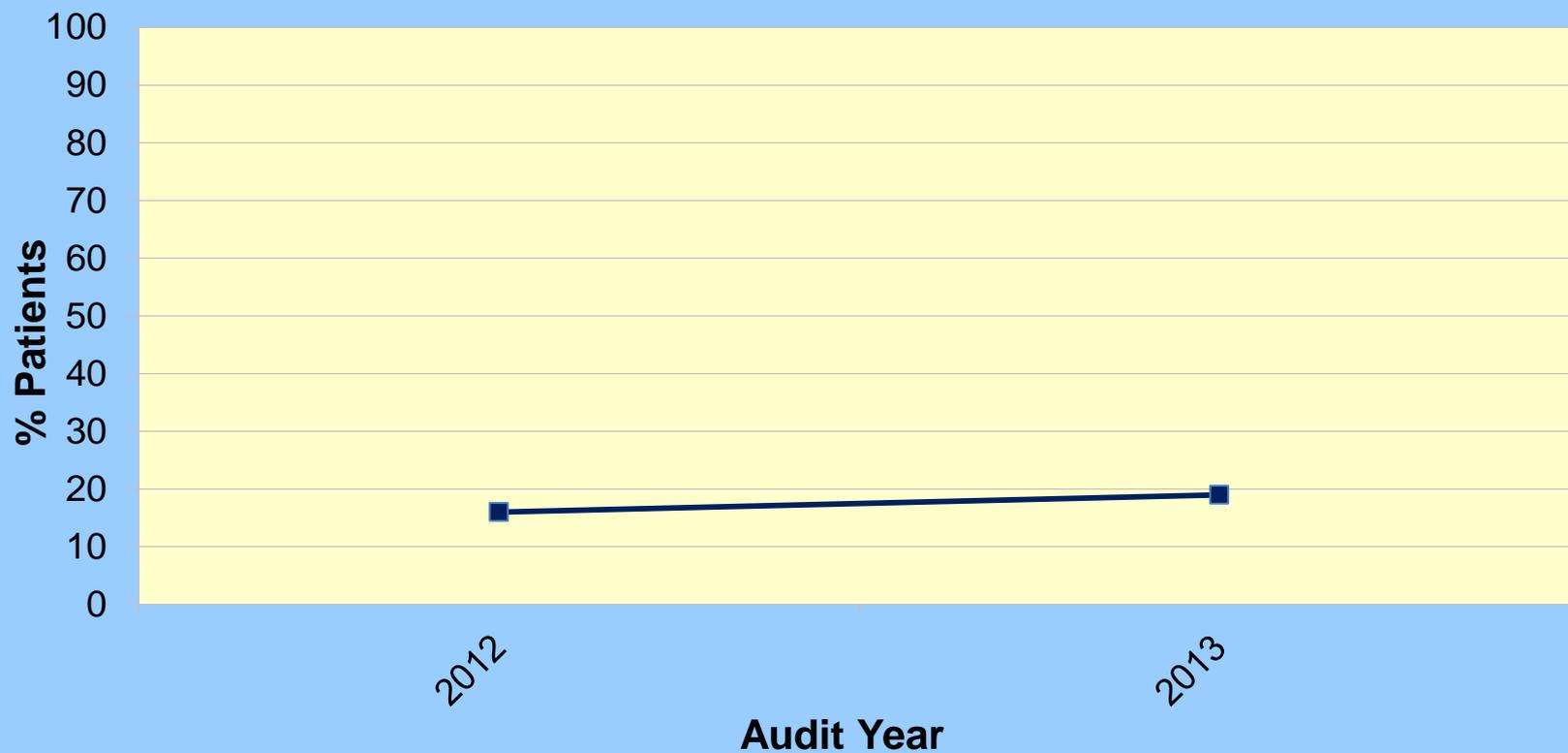


Td/Tdap 1998 - 2013



Source: IHS Diabetes and Outcomes Audit

Hepatitis B 2012 - 2013



Immunizations in AI/AN Adults with Diabetes

- Immunizations are important for everyone, especially people with diabetes
 - We may do more good for people by being sure they get a flu shot than many of the other things we do!
- Audit data show that we're continuing to improve immunization rates overall
 - Influenza vaccination rates staying about 60%
 - Allergies, Refusals, many options for getting flu shots outside health system (need to document historical immunizations)

**Thank you to our IHS
immunization expert,
Amy Groom, MPH!**