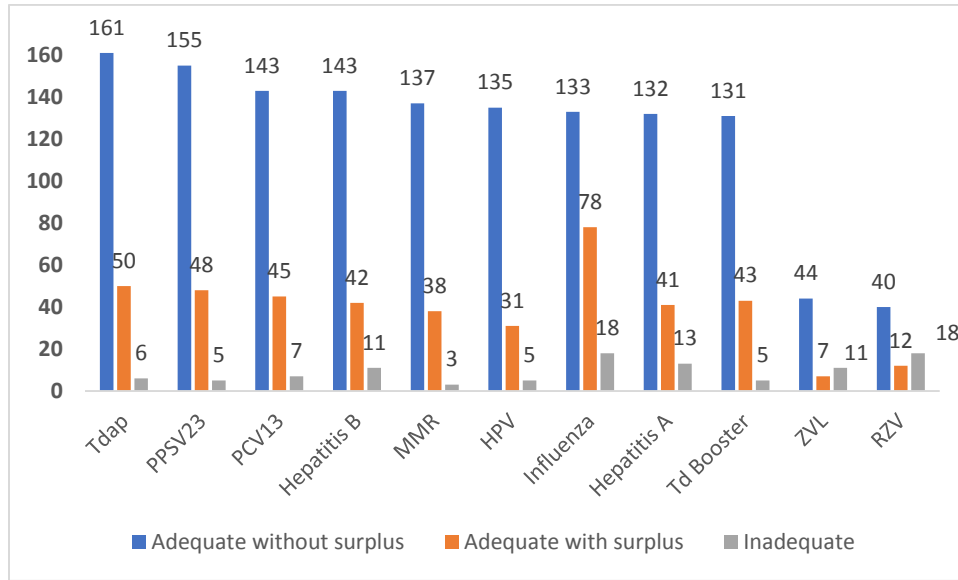


Supplemental Digital Content

Supplemental Digital Content 1. Comparison of Population of Health Centers and Sample Health Centers.

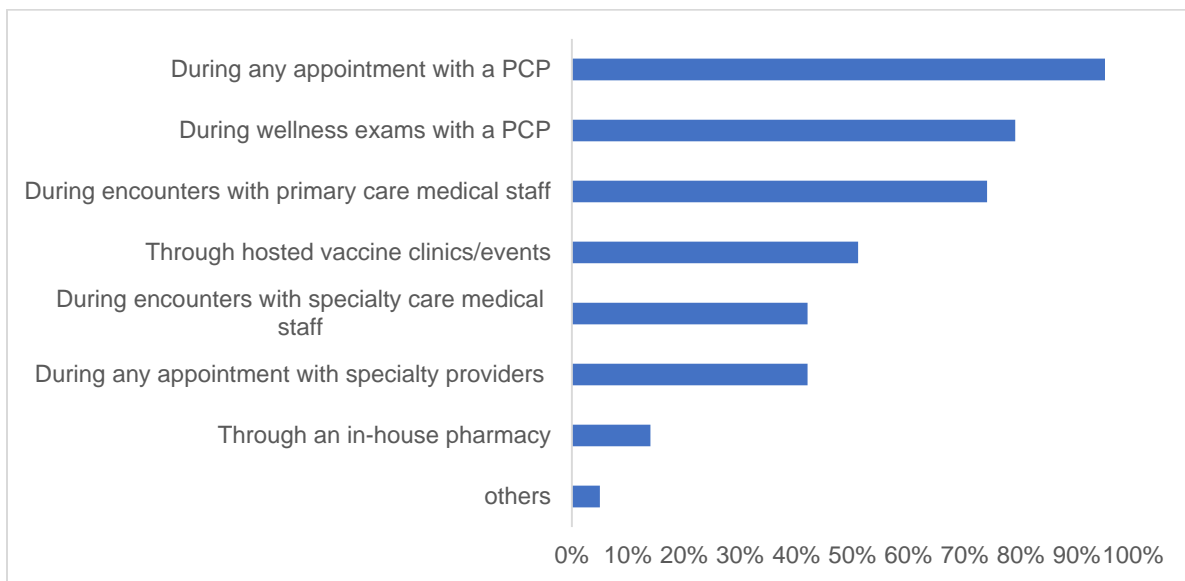
Characteristics	Population of Health Centers	Sample Health Centers
Total Number of Patients	25,860,296	14,366,166
Average Number of Patients	18,918	18,853
Median Number of Patients	11,750	11,261
Percent Uninsured	23.4%	23.6%
Percent Medicaid	49.2%	49.7%
Percent Urban	55.7%	55.1%
Percent Rural	44.3%	44.9%

Supplemental Digital Content 2. Stock of vaccines over the past 12 months



N=236

Supplemental Digital Content 3. Percentages for Opportunities when Vaccines are Offered



N=219

Supplemental Digital Content 4. Proportion of Staff Performing Vaccine-related Activities

Item	All staff provide	Physicians	Pharmacists	Physician Assistants/Nurse Practitioners	Nurses	Medical Assistants	Non-medical Staff
Provide patient vaccination education	25%	67%	26%	67%	73%	57%	4%
Provide staff vaccination education	19%	69%	26%	60%	67%	30%	5%
Assess vaccination status	19%	72%	14%	71%	72%	60%	6%
Recommend vaccinations	18%	78%	22%	73%	66%	44%	3%
Administer vaccinations	4%	62%	20%	66%	91%	77%	1%
Refer patients to other providers	18%	67%	14%	59%	45%	30%	8%
Follow-up with patient on referrals	17%	31%	5%	25%	39%	39%	12%
Document vaccinations in patient records	14%	60%	15%	51%	67%	68%	6%
Document vaccinations in IIS	7%	26%	10%	23%	65%	53%	5%

N=218

Supplemental Digital Content 5. Percentages for Respondents' Perceptions of Policy Recommendations

Suggested systemic improvements	Extremely or Very Important (%)	Moderately or Slightly Important (%)	Not Important (%)
Standardized collection of patient information for accurate identification of IIS records (full name, accurate DOB)	95	5	0
Full EHR and IIS integration (no separate platform to report or query vaccination records)	93	7	0
Bi-directional querying and reporting of records between EHRs and IIS	91	9	0
National Standards for State IISs	86	14	0
State Policy Requiring Reporting for all Vaccines to an IIS	86	13	1
Ability to bill for vaccination-only patient visits across all payers	85	14	2
Standardized practices across vaccine vendors for all adult vaccines	80	19	1

Standardized manufacturer bar-codes on unit of use for all adult vaccines	69	24	7
Inclusion of Adult Vaccination Rates as a Required UDS Measure	63	34	3