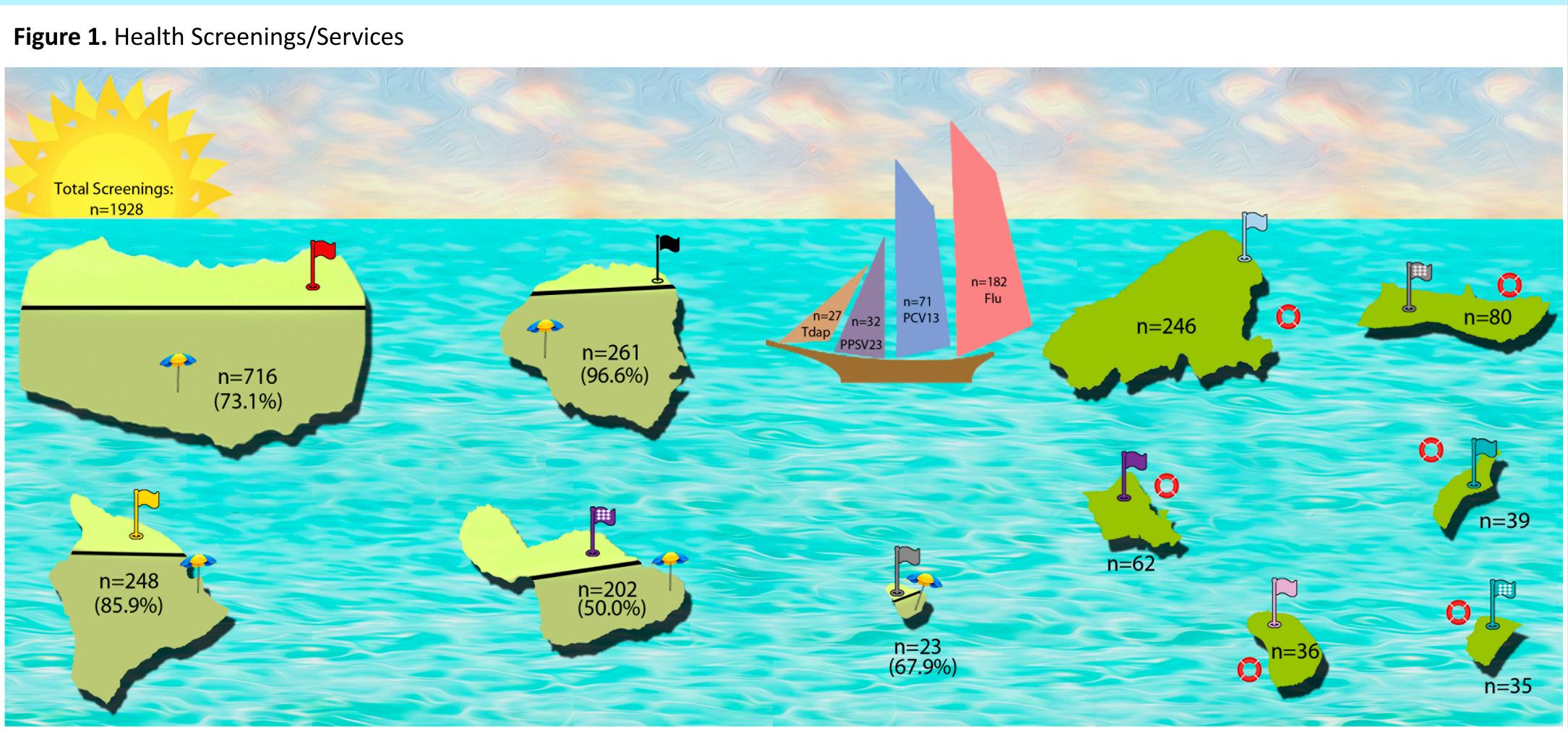
BACKGROUND The presence of chronic conditions (e.g., hypertension [HTN], hyperlipidemia, and type 2 diabetes mellitus [T2DM]) can have a major impact on patient outcomes. In 2017, the American College of Cardiology and American Heart Association (ACC/AHA) issued stricter blood pressure targets, resulting in an increase prevalence of HTN from 32% to 46%.¹ In 2015, <50% of adults diagnosed with HTN were considered controlled.² • It was reported that 36.7% of U.S. adults (≥21 years of age) were eligible for cholesterol-lowering therapy based on the 2013 ACC/AHA Guidelines.³ • Only 55.5% of those eligible were on pharmacologic therapy.³ • In 2015, the prevalence of T2DM in those >65 years of age was ~25%.⁴ **Total Screenings** • Additionally, 48.5% of those ≥65 years old had prediabetes, however, only 11.6% reported n=1928 being diagnosed.⁴ Student pharmacist-driven health fairs can provide health screenings/services, patient education for common chronic conditions, and a platform for prescriber follow-up.⁵ Medication Therapy Management (MTM) services may: • Increase the number of patients who achieve their "goals of therapy",⁶ • Identify potential medication-related problems (MRPs),⁷ and Assess medication adherence.⁵ Student pharmacist participation at health fairs can: • Fulfill Introductory Pharmacy Practice Experience and Interprofessional Experience requirements set by the Accreditation Council for Pharmacy Education,⁸ and • Satisfy pharmacy curriculum outcomes developed by the Center for the Advancement of Pharmacy Education (CAPE).⁹ **OBJECTIVE** To describe a comprehensive service-based health fair that assesses and optimizes patient outcomes and enhances student learning. **METHODS** • In total, 14 health fairs targeting Medicare beneficiaries were held in 10 cities throughout Northern/Central California during the fall of 2017. • A "Healthcare Passport" card was given to all attendees, which provided: • A de-identified number allowing for patient tracking throughout the event, • A color-coded list of available screenings/services, and • A communication tool for patient-initiated prescriber follow-up. • At each health fair, 13 individual health screenings/services were available for attendees. • When applicable, chronic condition control was assessed by comparing a patient's clinical values against corresponding practice guidelines. • Medicare Part D & MTM services. • Medicare Part D interventional services included evaluation of potential out-of-pocket cost savings MTM interventions opportunities through plan optimization. • The provision of MTM services typically utilized an interdisciplinary approach in which pharmacy students worked with nurse practitioner and/or physician assistant students. Total MRPs A systematic process was utilized to guide each MTM intervention. MRPs were identified and reviewed with the patient. • Severe MRPs, as determined in consultation with the pharmacist preceptor, were communicated to the patient's prescriber(s). All screenings/services were conducted by trained student pharmacists under the direct supervision of Severe MRPs licensed pharmacists. Student pharmacists' confidence was assessed using a 10-point Likert scale (1 = strongly disagree, 10 = strongly agree) both before didactic education and after completion of experiential practice (health fairs). Parameters evaluated included: PCFs sent Explaining the Medicare Part D benefit, • Performing MTM-related services, and Top 200 drug-related knowledge. Statistical Analyses PCFs • Descriptive statistics were performed to: accepted • Summarize patient uptake at each screening/service station,

- Assess patients' achievement of disease/condition control, and
- Summarize the change in student confidence.
- All statistics were performed via IBM SPSS Statistics for Windows, Version 25.0 (Armonk, NY).



Passport to Health: Evaluating a comprehensive service-based health fair targeting Medicare beneficiaries

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RESULTS

Figure 2. Results of Medication Therapy Management Interventions



Abbreviations: MTM= Medication Therapy Management; PCF= Prescriber Communication Form; MRP= Medication-Related Problem



- - the "Passport" colors.

- Explaining the Medicare Part D benefit by 71.6%,
- Performing MTM-related services by 64.0%, and
- Top 200 drug-related knowledge by 29.6%.

- screenings/services at each health fair.
- their health care providers.

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RESULTS

Provided screenings/services can be found among the islands in Figure 1. • The flag on each island is color-coded to represent the different screenings/services and corresponds with

• The size of each island is proportional to the uptake of that screening/service across all health fairs. • The dark green shading of each island represents the % of patients at "goal" for that screening. Student assessment of self-reported confidence demonstrated an increase in:

CONCLUSION

• Utilizing a "Healthcare Passport" provides multiple benefits, including an opportunity to track patient uptake of

• The "Healthcare Passport" also enables patients to easily share their clinical results or vaccination uptake with

• Participation in comprehensive service-based health fairs allow student pharmacists to meet CAPE outcome goals and improve their self-confidence in knowledge and skills when performing active patient care.

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