

Trends in Prescription Drug Monitoring Program Practices, 2010-2018

Gail Strickler, Ph.D.

2019 Harold Rogers PDMP National Meeting
June 25, 2019

Presenter Disclosures: Gail Strickler, Ph.D.

The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:

No Relationships to Disclose

Presentation Outline

1. Survey data
2. PDMP Practices examined
3. Selected Trends Findings
4. Limitations of Data
5. Conclusions/Questions

PDMP Practices State Assessment Data

- All U.S. Operational PDMPs surveyed 2010-2018:
 - Surveys emailed to PDMPs with telephone follow-up
 - Five years of data: 2010, 2012, 2014, 2016, 2018
 - Increasing number of operational PDMPs
 - 34 in 2010
 - 41 in 2012
 - 50 in 2014
 - 51 in 2016
 - 53 in 2018 (includes Guam, D.C. and Puerto Rico)
 - Response rates

PDMP Practice Measures

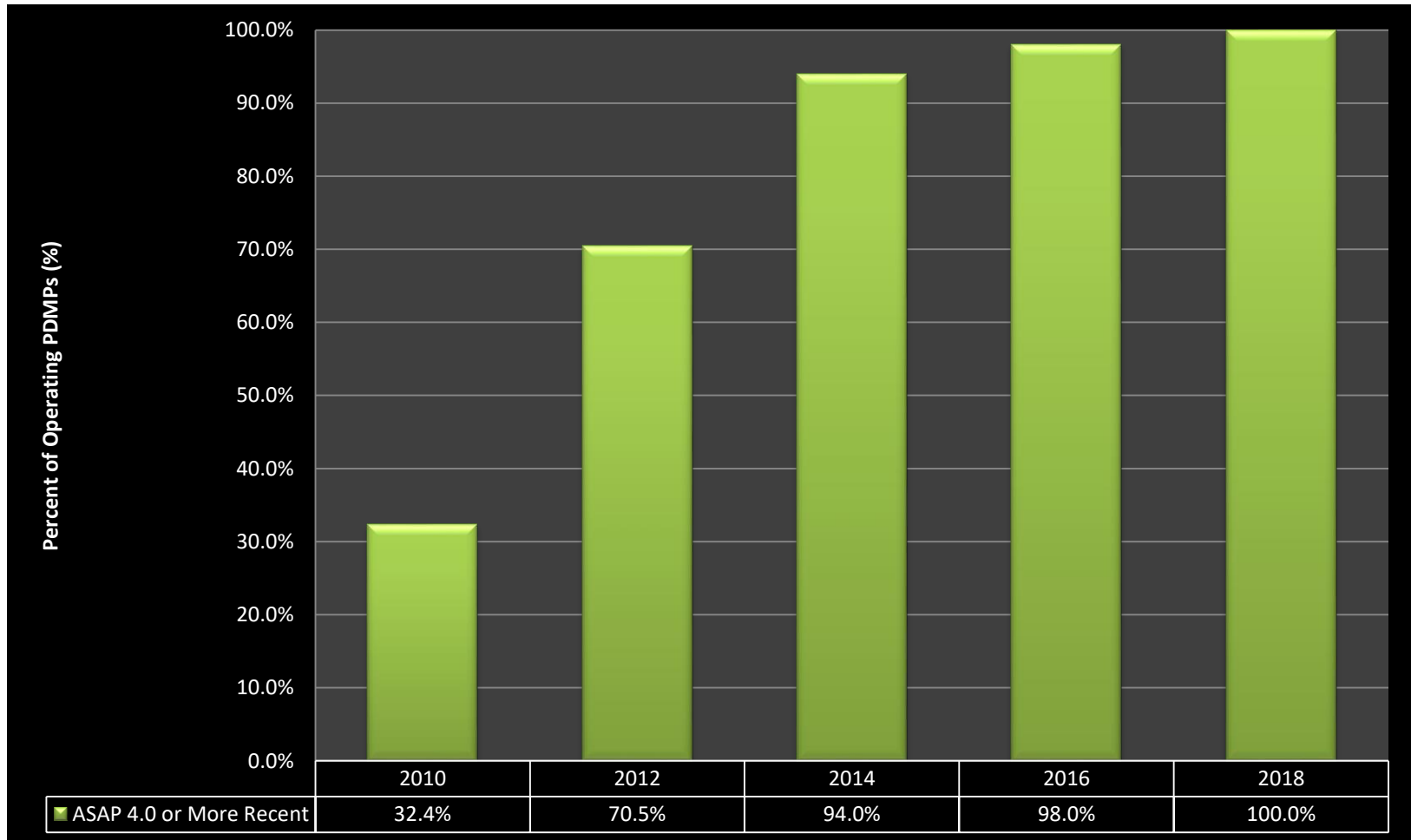
- **Data collection and data quality**
 - Adoption of uniform and latest ASAP reporting standard
 - Collection of positive identification;
 - Collection of data on method of payment;
 - Daily or more frequent data collection interval
- **PDMP recruitment, utilization and education**
 - mandated PDMP enrollment and
 - Mandated PDMP usage;

PDMP Practice Measures

- **Inter-organizational best practices**
 - Implementation of interstate data sharing among PDMPs
- **PDMP funding**
 - Presence of secure and stable PDMP funding
- **User access and report dissemination**
 - Delegate access to PDMP
 - Authority to and engagement in providing unsolicited reports and alerts to appropriate users
 - Integration of PDMP reports with health information exchanges (HIEs), electronic health records (EHRs), and pharmacy dispensing systems (PDSs);

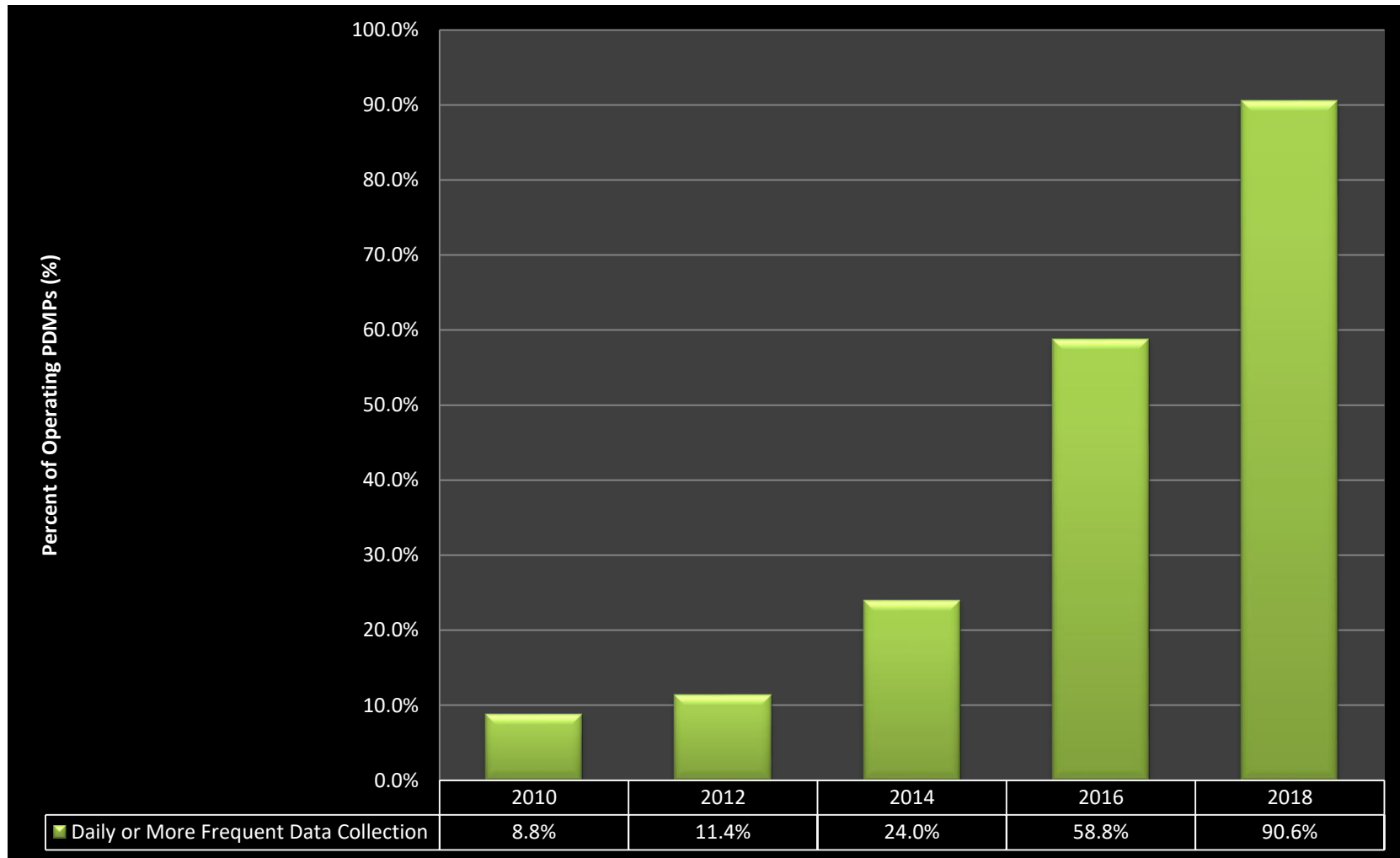
PDMP Practices Trends Data

Percent of PDMPs using ASAP Version 4.0 or More Recent, among U.S. Operating PDMPs*, 2010-2018



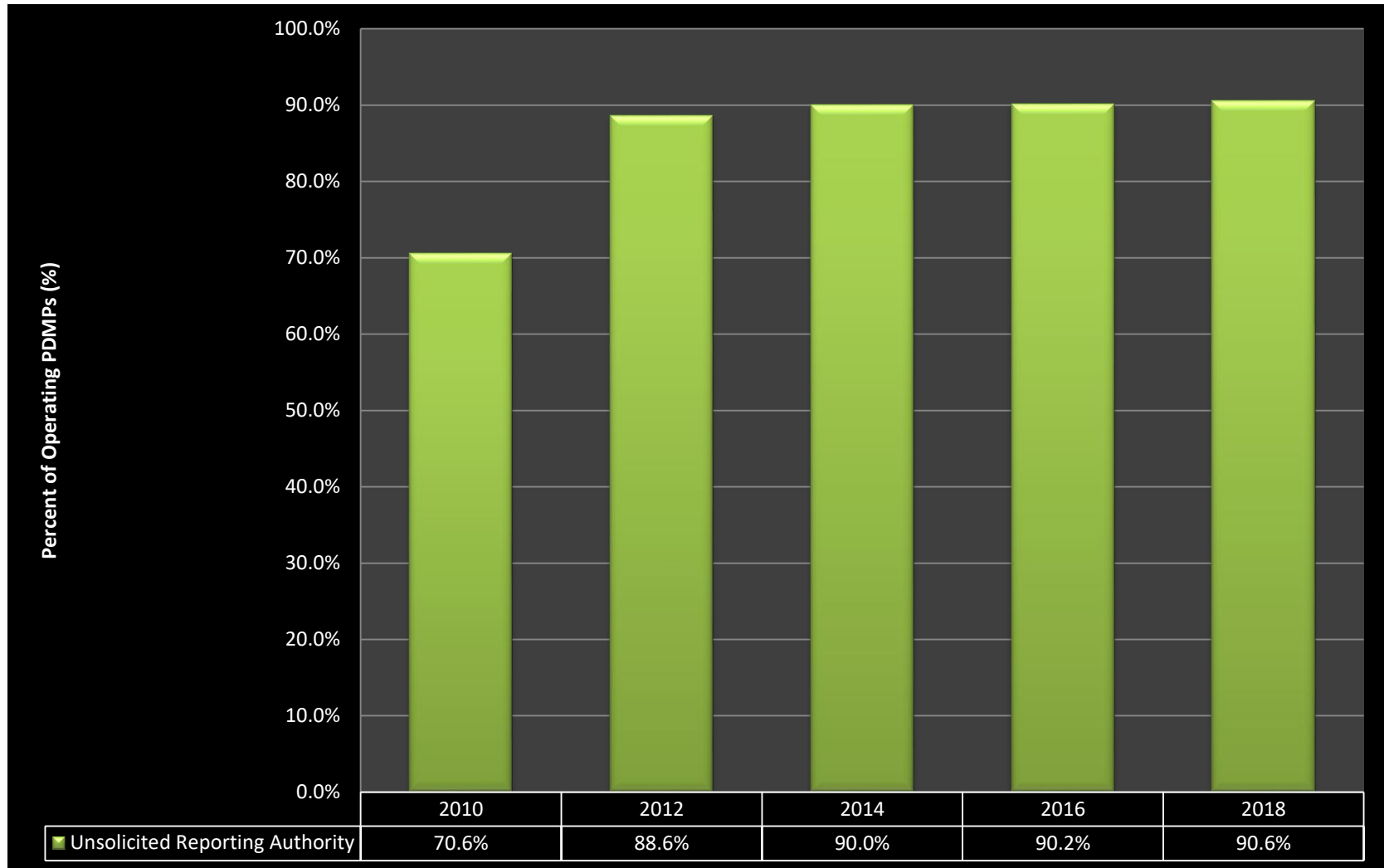
* Includes District of Columbia, Guam, Puerto Rico

Percent of PDMPs with Daily or More Frequent Data Collection Interval, among U.S. Operating PDMPs*, 2010-2018



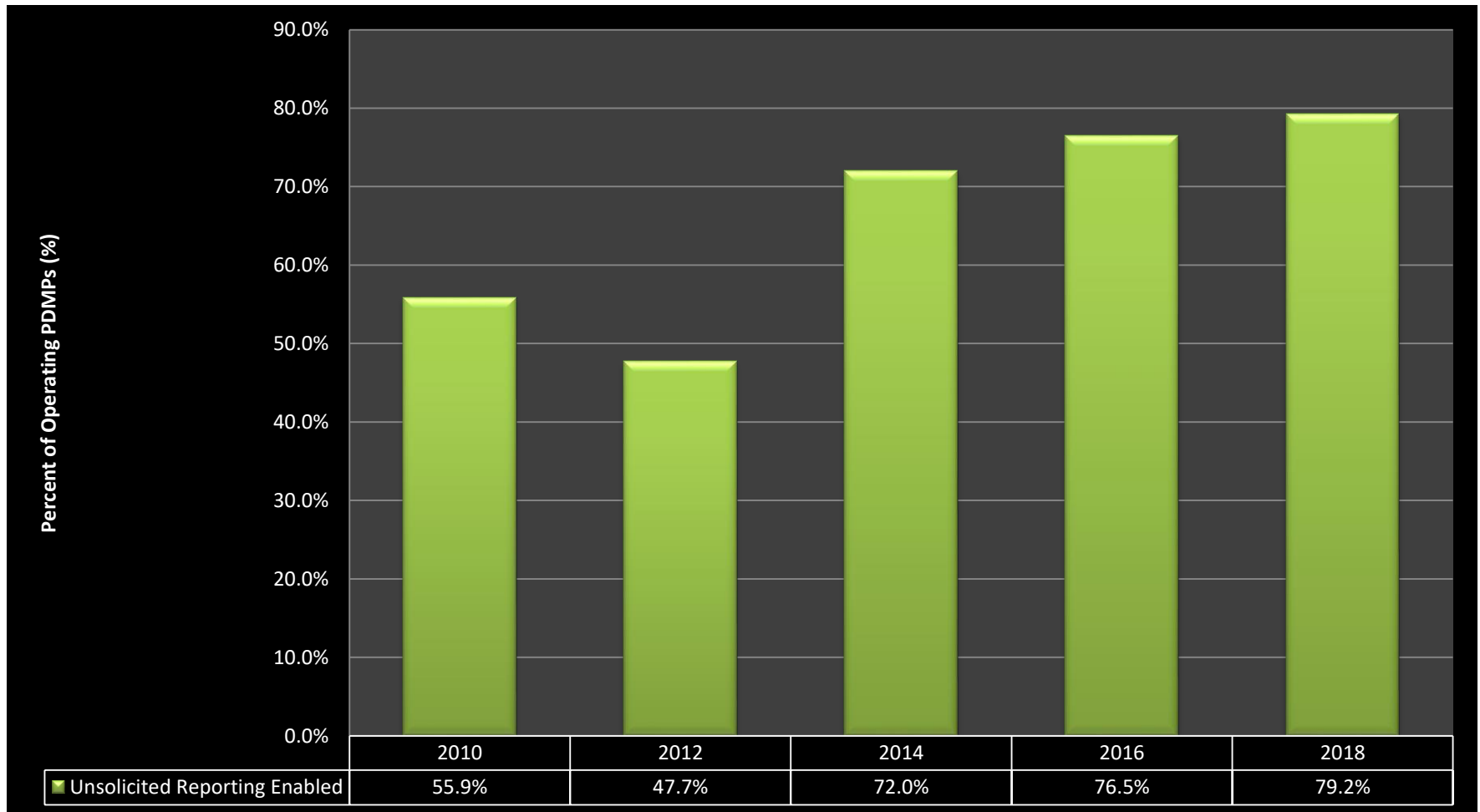
* Includes District of Columbia, Guam, Puerto Rico

Percent of PDMPs with Statutory Authority to Provide Unsolicited Reports to Authorized Users, among U.S. Operating PDMPs*, 2010-2018

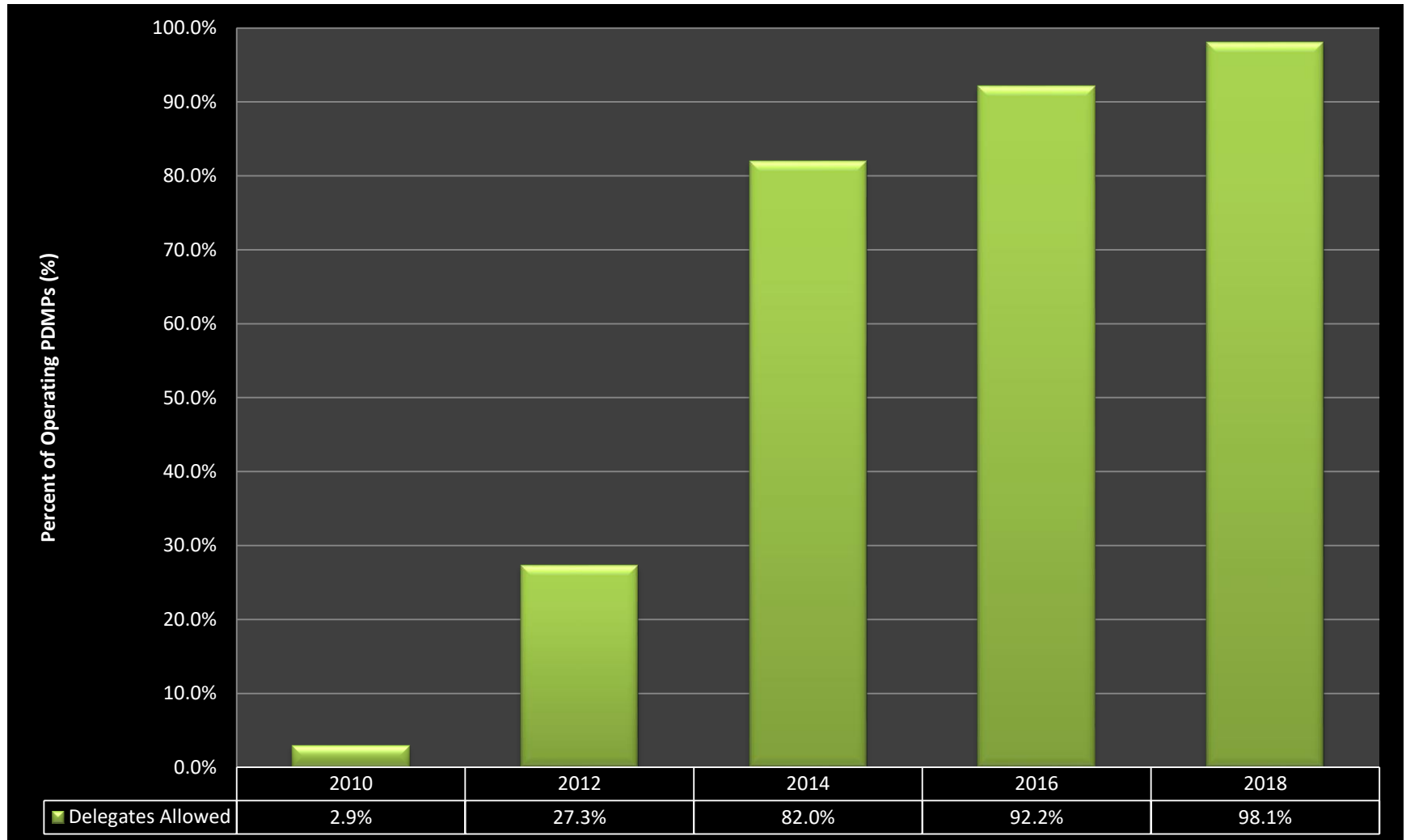


* Includes District of Columbia, Guam, Puerto Rico

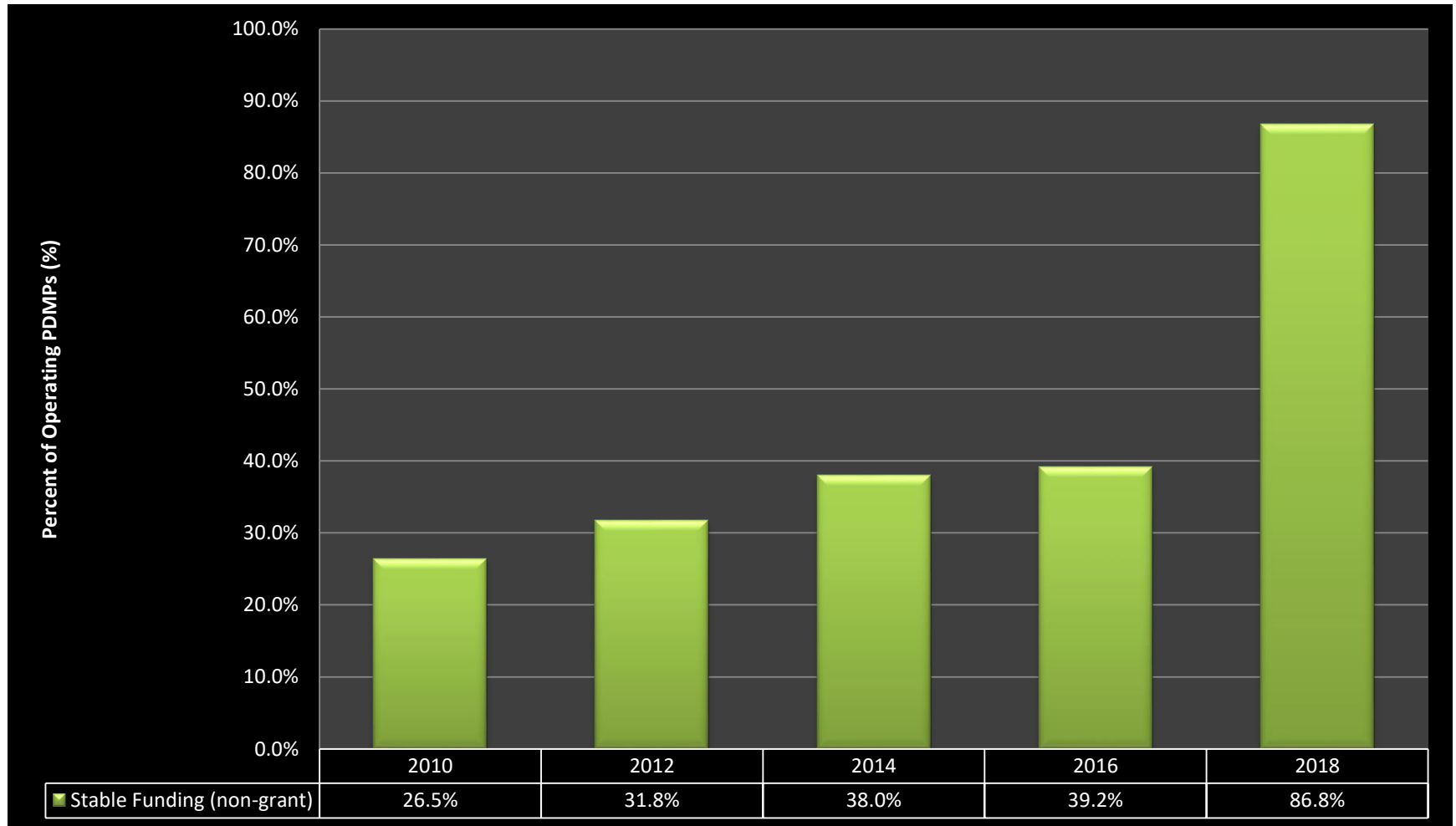
Percent of PDMPs sending Unsolicited Reports to Authorized Users, among U.S. Operating PDMPs*, 2010-2018



Percent of PDMPs that Allow Delegate Access to the PDMP, among U.S. Operating PDMPs*, 2010-2018

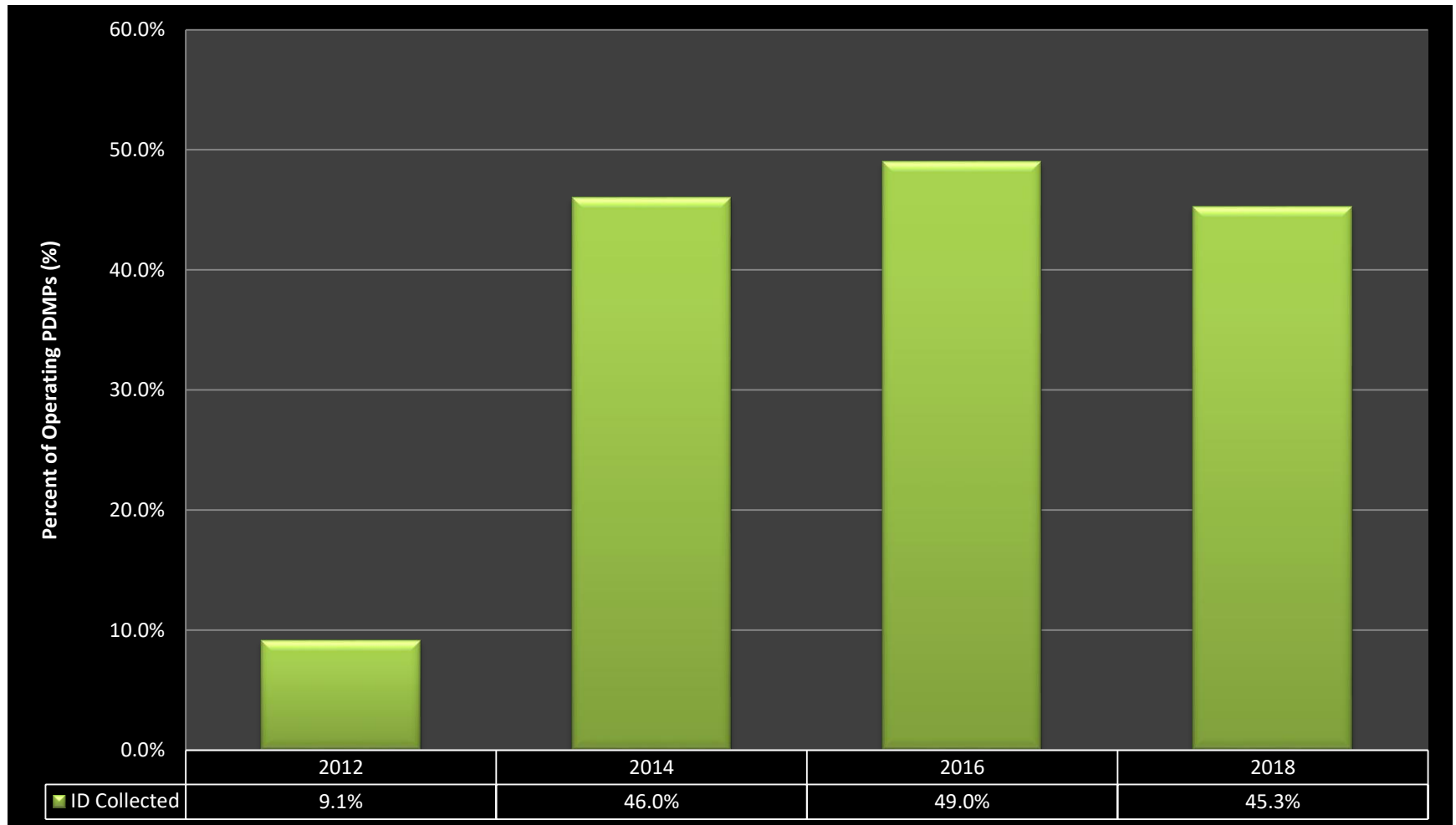


Percent of PDMPs with Stable (Non-Grant) Funding, among U.S. Operating PDMPs*, 2010-2018



* Includes District of Columbia, Guam, Puerto Rico

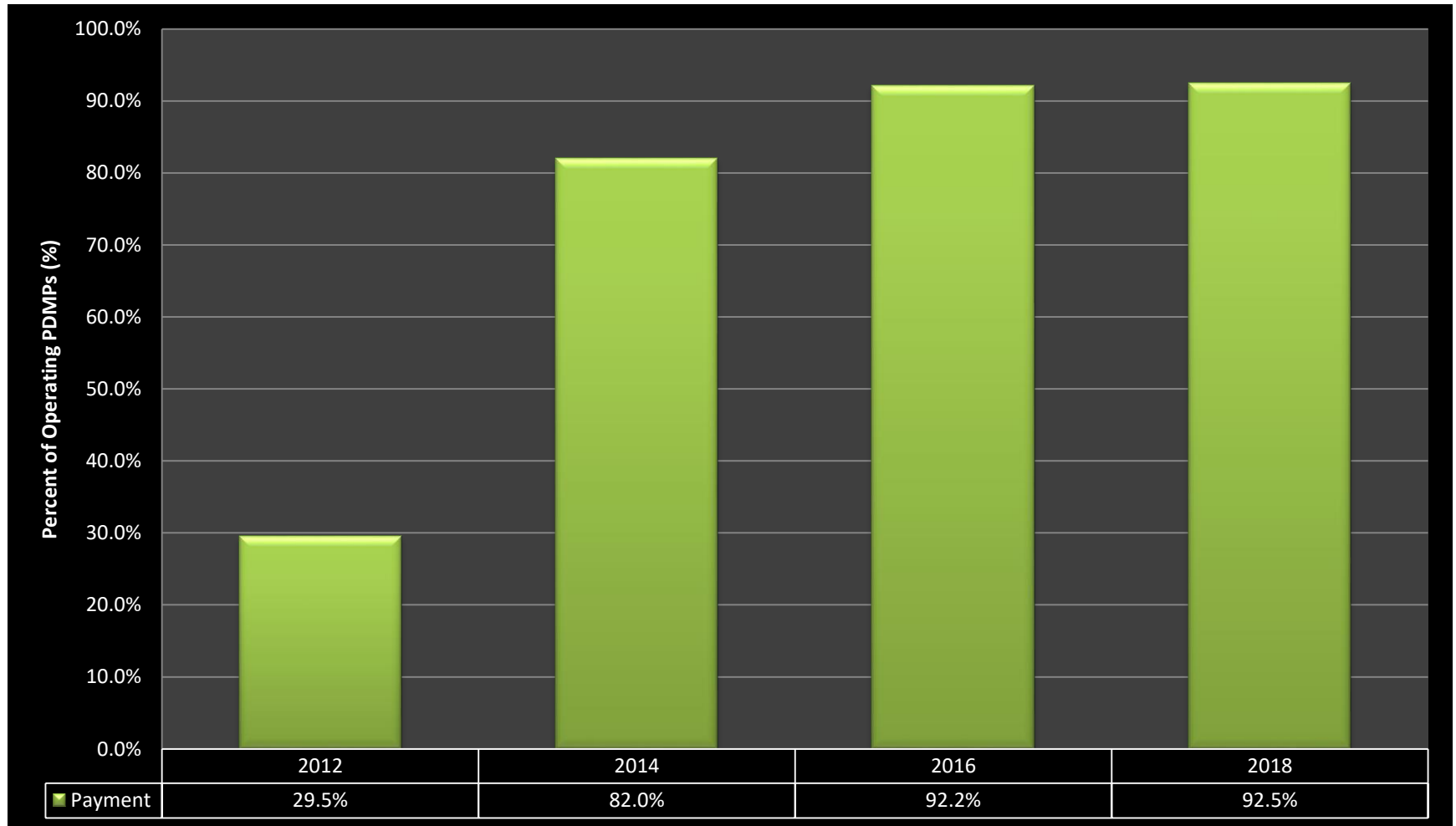
Percent of PDMPs that Collect Positive Identification*, among U.S. Operating PDMPs**, 2012-2018



* For patient or person dropping off or picking up prescription, if not the patient

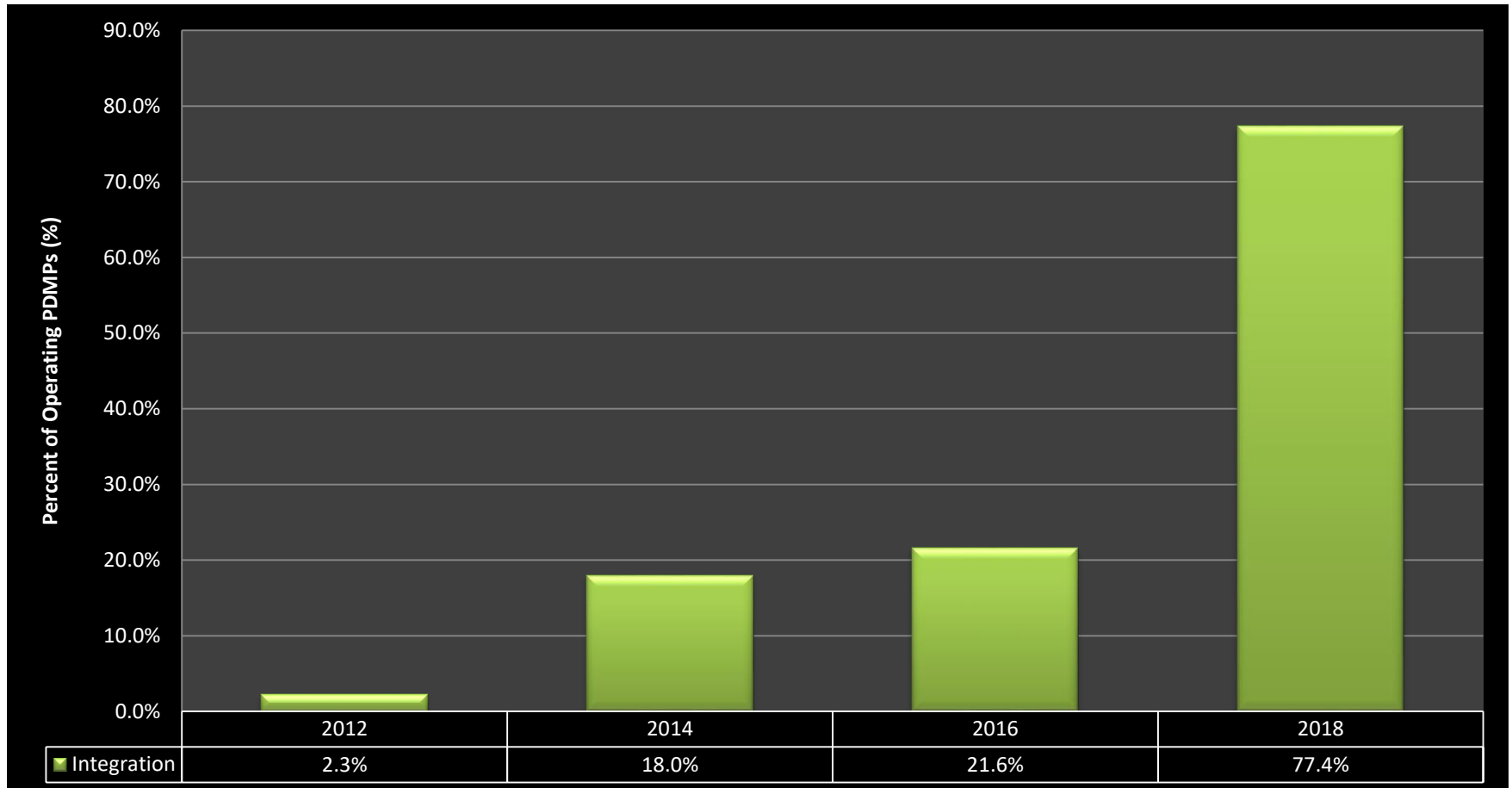
** Includes District of Columbia, Guam, Puerto Rico

Percent of PDMPs that Collect Method of Payment, among U.S. Operating PDMPs*, 2012-2018



* Includes District of Columbia, Guam, Puerto Rico

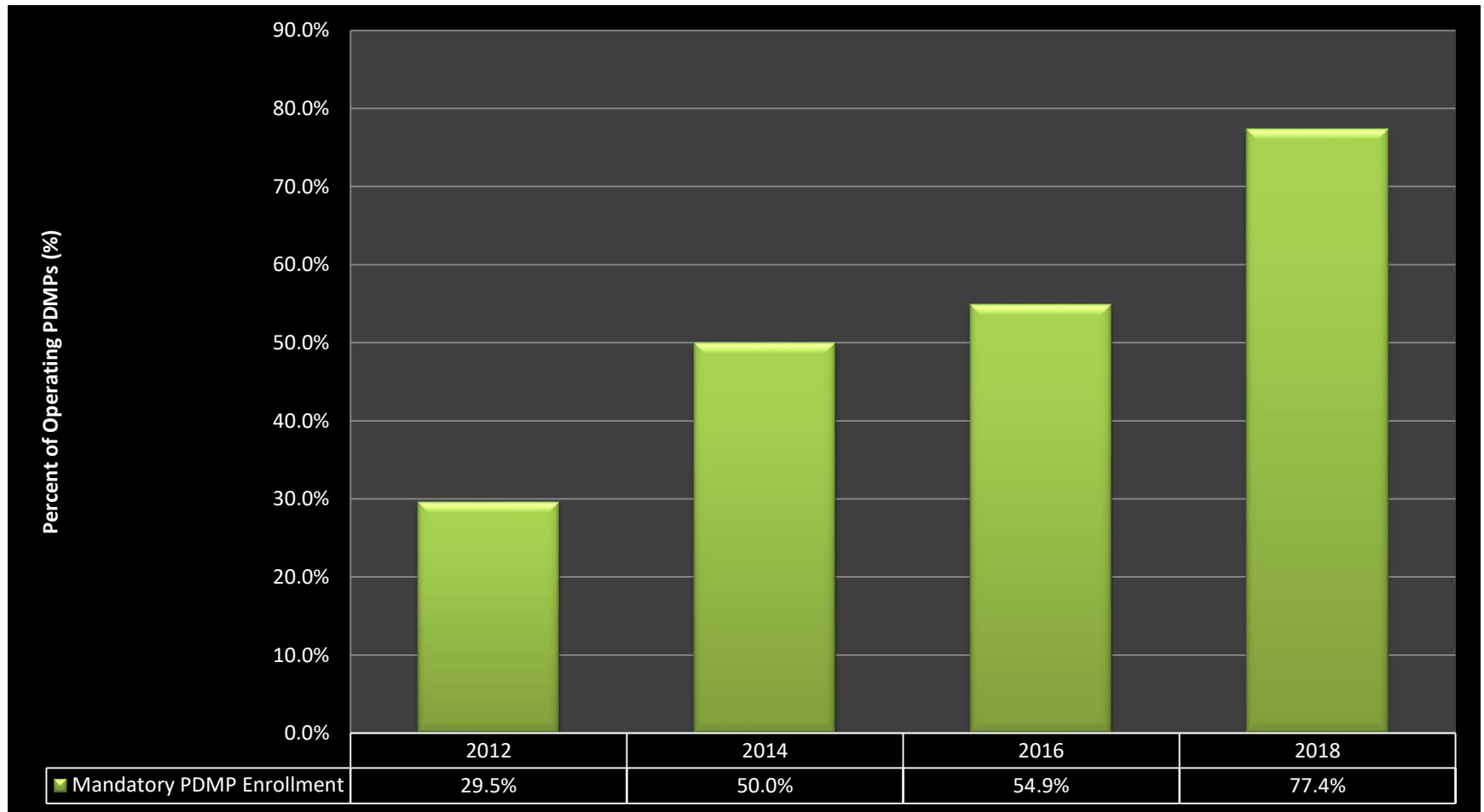
Percent of PDMPs with Integrated Data*, among U.S. Operating PDMPs**, 2012-2018



* PDMP integrated with Health Information Exchange (HIE), Electronic Health Record (HER) or Pharmacy Dispensing System (PDS) system

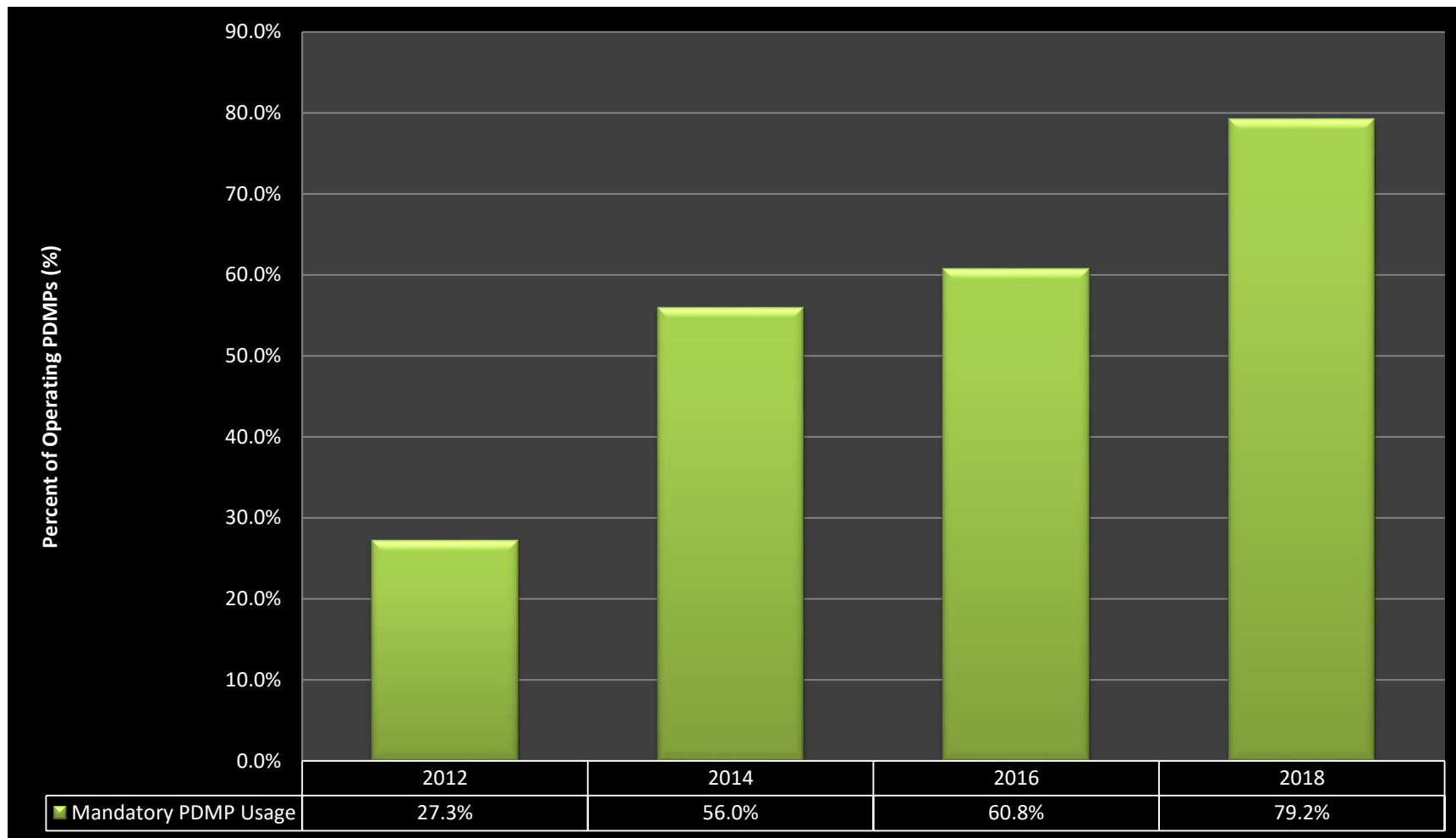
** Includes District of Columbia, Guam, Puerto Rico

Percent of PDMPs that Require Mandatory PDMP Enrollment, among U.S. Operating PDMPs*, 2012-2018



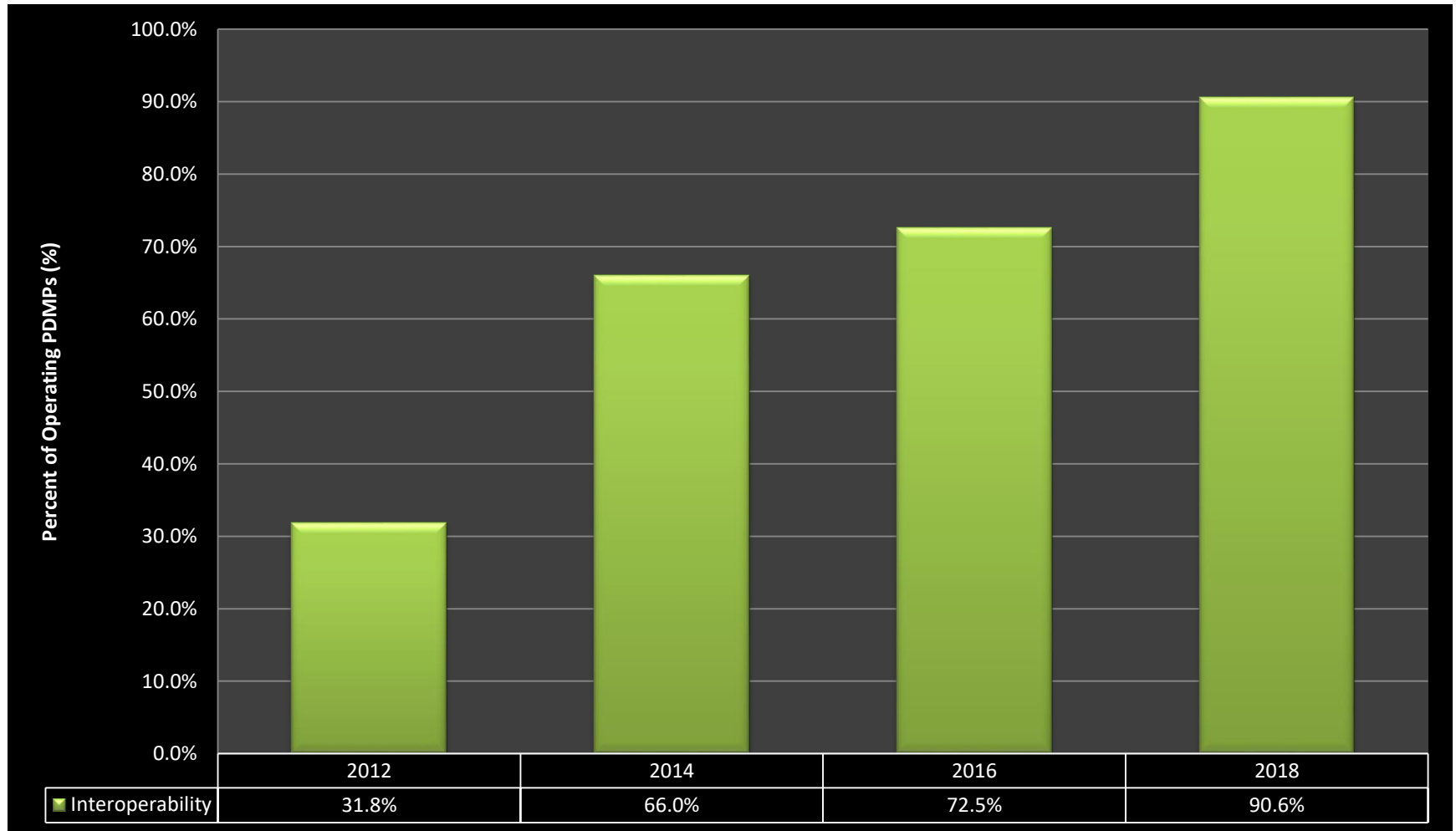
* Includes District of Columbia, Guam, Puerto Rico

Percent of PDMPs that Require Mandatory PDMP Usage, among U.S. Operating PDMPs*, 2012-2018



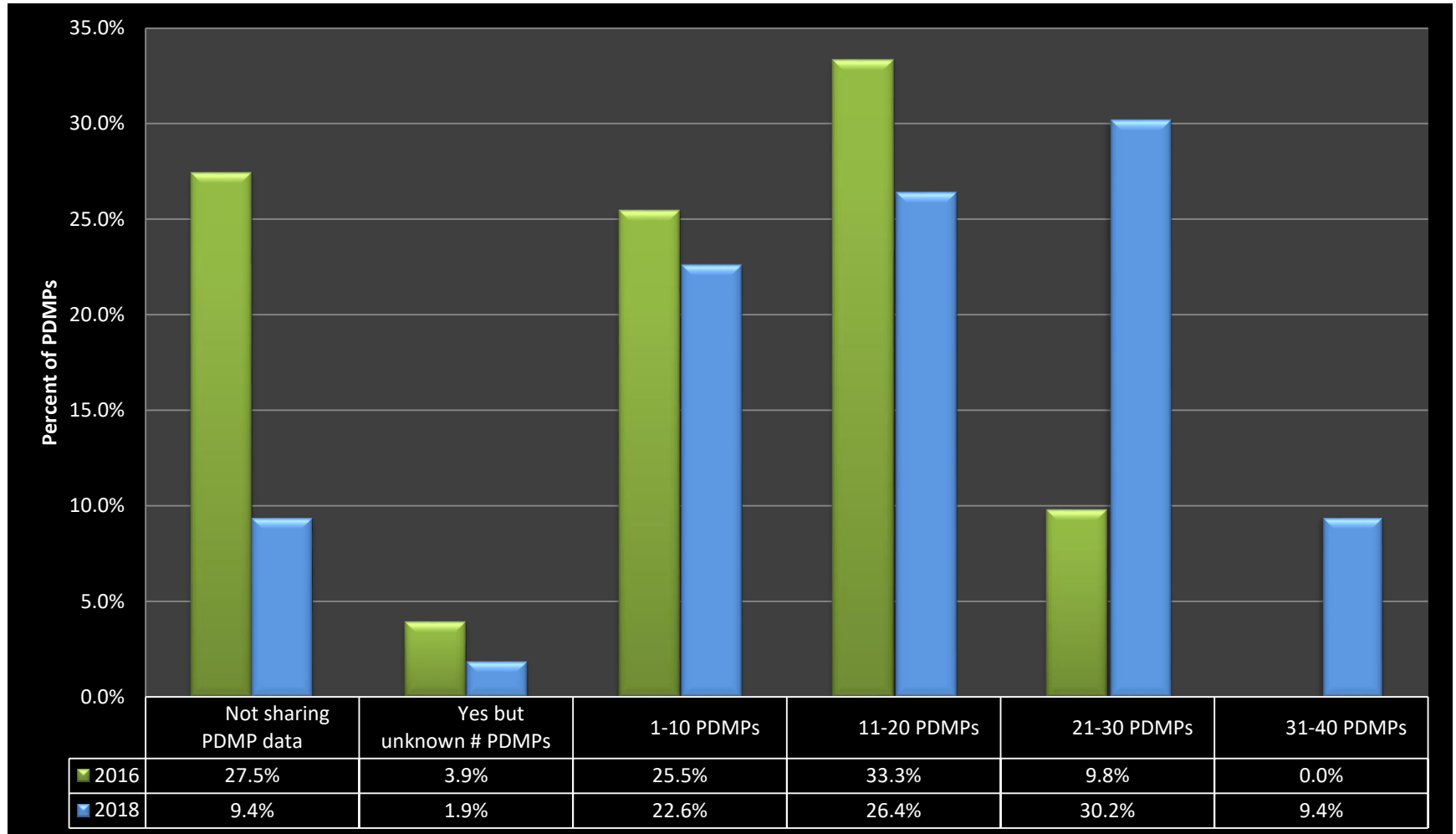
* Includes District of Columbia, Guam, Puerto Rico

Percent of PDMPs that Engaged in Interstate Data Sharing with at Least One Other PDMP, among U.S. Operating PDMPs*, 2012-2018



* Includes District of Columbia, Guam, Puerto Rico

Percent of PDMPs by Number of PDMPs Sharing Data With, among U.S. Operating PDMPs*, 2016 and 2018



* Includes District of Columbia, Guam, Puerto Rico

Conclusions

- Use of these PDMP practices rose steeply over the eight-year period
- Smaller increases found in the most recent 2-year period
- Between 2016-2018, the 3 practices with the greatest growth in the percentage of PDMPs adopting them were:
 - Integration of PDMPs with HIEs, EHRs or PDSs
 - Stable non-grant funding, and
 - Daily or more frequent data collection
- Further adoption of these practices expected as PDMPs continue to evolve and mature.

Limitations of State Assessment Data

- State Variations
 - In the manner and extent that each practice is implemented in each state
 - E.g., user mandates, integration
- Self-report data from PDMP administrators
 - Some questions may be interpreted differently by each respondent

Contact Information

- Gail Strickler
- Tel: 781-736-3914
- Email: Strickler@brandeis.edu

- PDMP Training and Technical Assistance
website: www.pdmpassist.org