



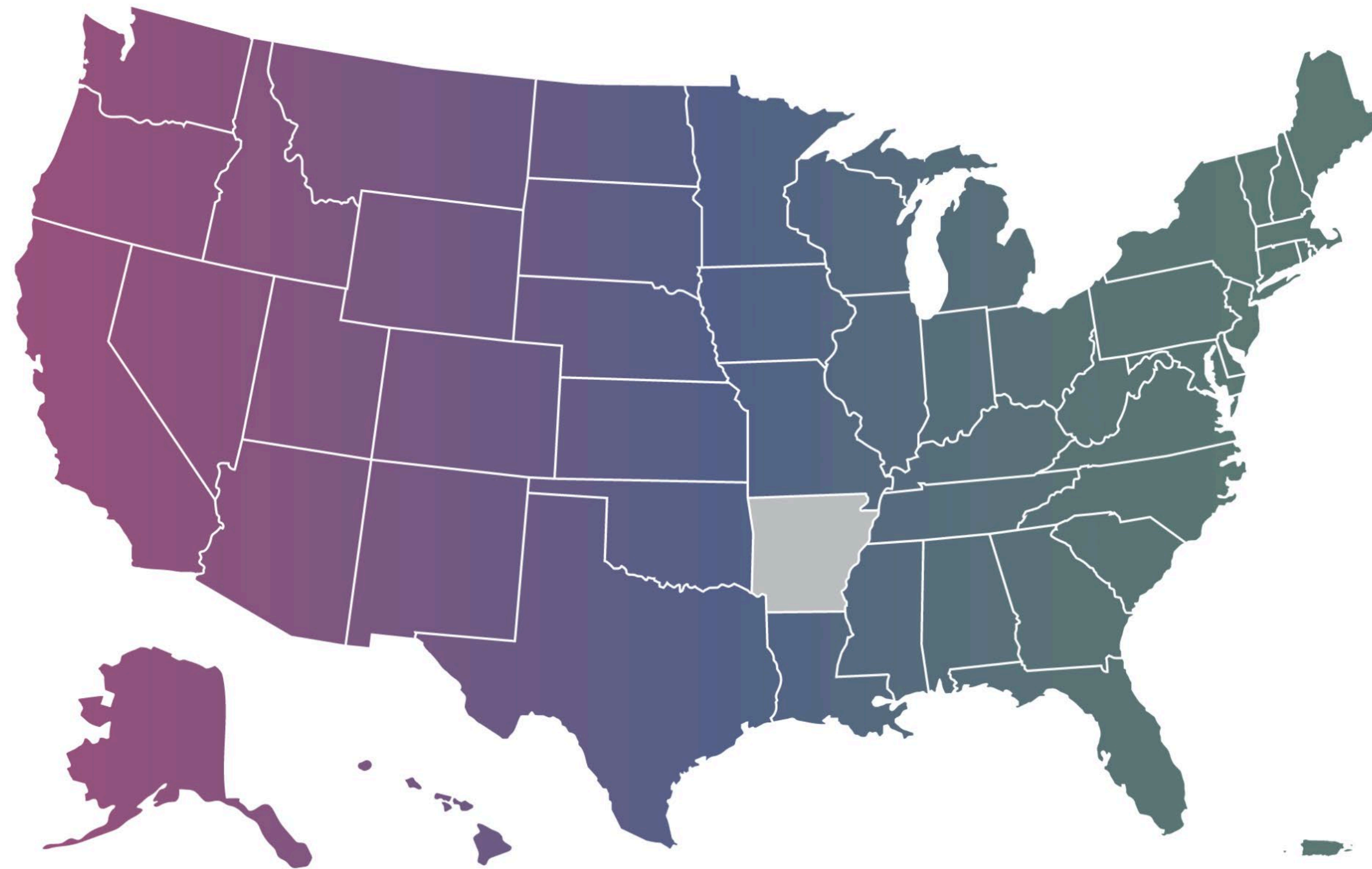
Bird's Eye View of Collaboratory Trials 2024

32

Active/Completed Trials

49

**U.S. states
and Puerto Rico**
*are included in
our clinical
trials >1,100
clinical sites*



Trial Design



2021

Design	Trials
Parallel Groups Individual Randomization	
Cluster Randomization	
Stepped-Wedge - Cluster Randomization	

2021

Design	Trials		
Parallel Groups	Individual Randomization	BackInAction OPTIMUM Nudge SPOT	BeatPain Utah GRACE
	Cluster Randomization	FM TIPS ACP PEACE HiLo EMBED	GGC4H ICD-Pieces PROVEN PPACT
Stepped-Wedge - Cluster Randomization		NOHARM PRIM-ER TSOS LIRE	STOP CRC TiME ABATE

Today

Design	Trials		
Parallel Groups Individual Randomization	BackInAction OPTIMUM Nudge SPOT	BeatPain Utah GRACE Chat 4 Heart Health TAICHIKNEE	I CAN DO Surgical ACP MOMs Chat & Care RAMP AIM-CP ARBOR-Telehealth
	FM TIPS ACP PEACE HiLo EMBED	GGC4H ICD-Pieces PROVEN PPACT	STOP CRC TIME ABATE IMPACT-LBP INSPIRE
Stepped-Wedge - Cluster Randomization	NOHARM PRIM-ER TSOS LIRE	Best-ICU iPath	

Trial Design

Approach to
Notification/Authorization



Design	Waiver	Indiv Informed Consent	Notification/ Opt-out
Parallel Groups Individual Randomization			
Parallel Groups Cluster Randomization			
Stepped-Wedge - Cluster Randomization			

Design	Waiver	Indiv Informed Consent	Notification/ Opt-out
Parallel Groups		BackInAction OPTIMUM BeatPain Utah GRACE SPOT*	Nudge
	PROVEN EMBED STOP CRC ABATE	FM TIPS HiLo GGC4H PPACT	ACP PEACE ICD-Pieces TIME
Stepped-Wedge - Cluster Randomization	NOHARM PRIM-ER TSOS LIRE		

*Waiver/alteration with abbreviated online informed consent

Design	Waiver	Indiv Informed Consent	Notification/ Opt-out
Parallel Groups	Chat 4 Heart Health (opt-in) I CAN DO Surgical ACP MOMs (alteration) RAMP (waiver of docs) AIM-CP ARBOR-Telehealth	SPOT* BackInAction OPTIMUM BeatPain Utah GRACE TAICHIKNEE	Nudge
	PROVEN EMBED STOP CRC ABATE IMPACT-LBP (alteration/oral) INSPIRE	FM TIPS HiLo GGC4H PPACT	ACP PEACE ICD-Pieces TIME
Stepped-Wedge - Cluster Randomization	NOHARM PRIM-ER TSOS LIRE BEST-ICU iPATH		

*Waiver/alteration with abbreviated online informed consent

Trial Design

Approach to
Notification/Authorization

Baseline Severity of
Population

Type of Intervention

Target of Intervention

**Baseline
Severity**

End-of-Life

Metastatic Cancer

Acute

*Multiple Chronic
Conditions*

1 Chronic Condition

Healthy

Therapeutic

Operational/Educational

Type of Intervention

Baseline Severity

<i>End-of-Life</i>				PROVEN
<i>Metastatic Cancer</i>				ACP PEACE
<i>Acute</i>	TSOS ABATE		EMBED SPOT	NOHARM PRIM-ER
<i>Multiple Chronic Conditions</i>	BackInAction HiLo TiME GRACE			Nudge ICD-PIECES
<i>1 Chronic Condition</i>	FM TIPS OPTIMUM PPACT BeatPain Utah		AIM-CP	LIRE
<i>Healthy</i>			STOP-CRC	GGC4H

Therapeutic

Operational/Educational

Type of Intervention

Baseline Severity

<i>End-of-Life</i>				PROVEN
<i>Metastatic Cancer</i>				ACP PEACE
<i>Acute</i>	TSOS ABATE	EMBED SPOT		NOHARM PRIM-ER
<i>Multiple Chronic Conditions</i>	BackInAction HiLo TiME GRACE			Nudge ICD-PIECES
<i>1 Chronic Condition</i>	FM TIPS OPTIMUM PPACT BeatPain Utah	AIM-CP		LIRE
<i>Healthy</i>		STOP-CRC		GGC4H

Target = *Patient*
Clinician
Patient & Clinician

Therapeutic

Operational/Educational

Type of Intervention

Baseline Severity

End-of-Life			PROVEN
Metastatic Cancer			ACP PEACE
Acute	TSOS ABATE	EMBED SPOT MOMs Chat & Care	NOHARM PRIM-ER BEST-ICU I CAN DO Surgical ACP INSPIRE
Multiple Chronic Conditions	BackInAction HiLo TiME GRACE RAMP		Nudge ICD-PIECES Chat 4 Heart Health
1 Chronic Condition	FM TIPS OPTIMUM PPACT BeatPain Utah TAICHIKNEE ARBOR-Telehealth	AIM-CP IMPACT-LBP	LIRE iPATH
Healthy		STOP-CRC	GGC4H

Target = *Patient*
Clinician
Patient & Clinician

Therapeutic

Operational/Educational

Type of Intervention

Trial Design

Approach to
Notification/Authorization

Age of Patients

Baseline Severity of
Population

Type of Intervention

Target of Intervention

Age of Patients in Trials



Age of Patients in Trials

Age Group	Trial Name
Adults	BeatPainUtah
Adults	GRACE
Adults	BackInAction
Adults	ACPPEACE
Adults	NOHARM
Adults	FMTIPS
Adults	OPTIMUM
Adults	HiLo
Adults	PRIMER
Adults	EMBED
Adults	Nudge
Adults	ICD-PIECES
Adults	TSOS
Adults	SPOT
Adults	PROVEN
Adults	LIRE
Adults	PPACT
Adults	STOP-CRC
Adults	TIME
Adults	ABATE
Adolesc	GGC4H
Younger Children	

Age of Patients in Trials

Adults	BeatP ain Utah	GRAC E	BackIn Action	ACP PEAC E	NOHA RM	FM TIPS	OPTI MUM	HiLo	PRIM- ER	EMBE D	Nudge	ICD- PIECE S	TSOS	SPOT	PROV EN	LIRE	PPAC T	STOP- CRC	TiME	ABAT E	BEST- ICU	Chat 4 Heart Health	TAICH KNEE	I CAN DO Surgic al ACP	MOMs Cat & Care	iPATH	RAMP	AIM- CP	ARBO R- Telehe alth	IMPA Ct- LBP	INSPI RE
Adolesc	GGC 4H																														
Younger Children																															

Trial Design

Approach to
Notification/Authorization

Age of Patients

Baseline Severity of
Population

Type of Intervention

Target of Intervention

Type and Use of EHR

<i>Trial</i>	<i>EPIC</i>	<i>Cerner</i>	<i>Allscripts</i>	<i>CRPS (VA)</i>	<i>Davita</i>	<i>Other</i>
BeatPain Utah						eClinicalWorks, AthenaHealth, CompuWork
GRACE						
BackInAction						
NOHARM						
FM TIPS						5 different PT-specific systems
OPTIMUM						Centricity
ACP PEACE						
HiLo						Custom system
PRIM-ER						
EMBED						
Nudge						
GGC4H						
ICD-Pieces						
TSOS						Trauma registry
SPOT						
PROVEN						Point Click Care, American Systems, Medicare Claims
LIRE						Mayo Clinic proprietary, HCSRN- VDW
PPACT						
STOP-CRC						
TiME						Fresenius
ABATE						MEDITECH (primary)

<i>Trial</i>	<i>EPIC</i>	<i>Cerner</i>	<i>Allscripts</i>	<i>CRPS (VA)</i>	<i>Davita</i>	<i>Other</i>
BeatPain Utah						eClinicalWorks, AthenaHealth, CompuWork
GRACE						
BackInAction						
NOHARM						
FM TIPS						5 different PT-specific systems
OPTIMUM						Centricity
ACP PEACE						
HiLo						Custom system
PRIM-ER						
EMBED						
Nudge						
GGC4H						
ICD-Pieces						
TSOS						Trauma registry
SPOT						
PROVEN						Point Click Care, American Systems, Medicare Claims
LIRE						Mayo Clinic proprietary, HCSRN- VDW
PPACT						
STOP-CRC						
TIME						Fresenius
ABATE						MEDITECH (primary)
Best-ICU						
Chat 4 Heart Health						eClinical Works
TAICHIKNEE						
I CAN DO Surgical ACP						
MOMS Chat & Care						Northwell Health EHR
iPATH						
RAMP						VA EHR
AIM-CP	Pending					
ARBOR-Telehealth						
IMPACT-LBP						PCORNet, claims data
INSPIRE						Meditech

Use of EHR

<i>Trial</i>	<i>Eligibility</i>	<i>Intervention Delivery</i>	<i>Outcome Assessment</i>
BeatPain Utah			
GRACE			
BackInAction			
NOHARM			
FM TIPS			
OPTIMUM			
ACP PEACE			
HiLo			
PRIM-ER			
EMBED			
Nudge			
GGC4H			
ICD-Pieces			
TSOS			
SPOT			
PROVEN			
LIRE			
PPACT			
STOP-CRC			
TIME			
ABATE			

Use of EHR

<i>Trial</i>	<i>Eligibility</i>	<i>Intervention Delivery</i>	<i>Outcome Assessment</i>
BeatPain Utah			
GRACE			
BackInAction			
NOHARM			
FM TIPS			
OPTIMUM			
ACP PEACE			
HiLo			
PRIM-ER			
EMBED			
Nudge			
GGC4H			
ICD-Pieces			
TSOS			
SPOT			
PROVEN			
LIRE			
PPACT			
STOP-CRC			
TIME			
ABATE			
Best-ICU			
Chat 4 Heart Health			
TAICHIKNEE			
I CAN DO Surgical ACP			
MOMs Chat & Care			
iPATH			
RAMP			
AIM-CP			
ARBOR-Telehealth			
IMPACT-LBP			
INSPIRE			

In what settings/situations/populations do we need to learn more about how best to conduct embedded PCTs?

Trial Design

Approach to
Notification/Authorization

Age of Patients

Baseline Severity of
Population

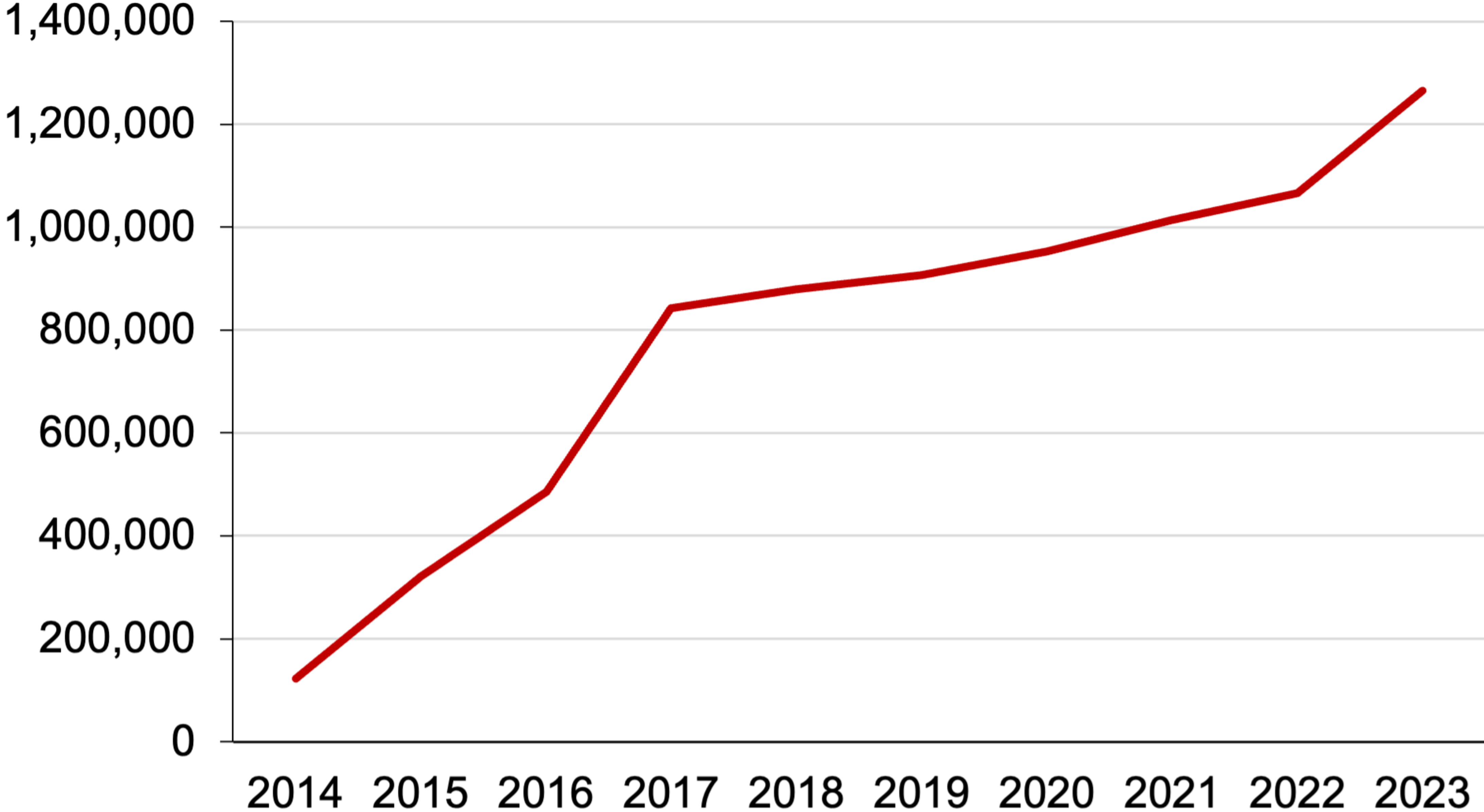
Type of Intervention

Target of Intervention

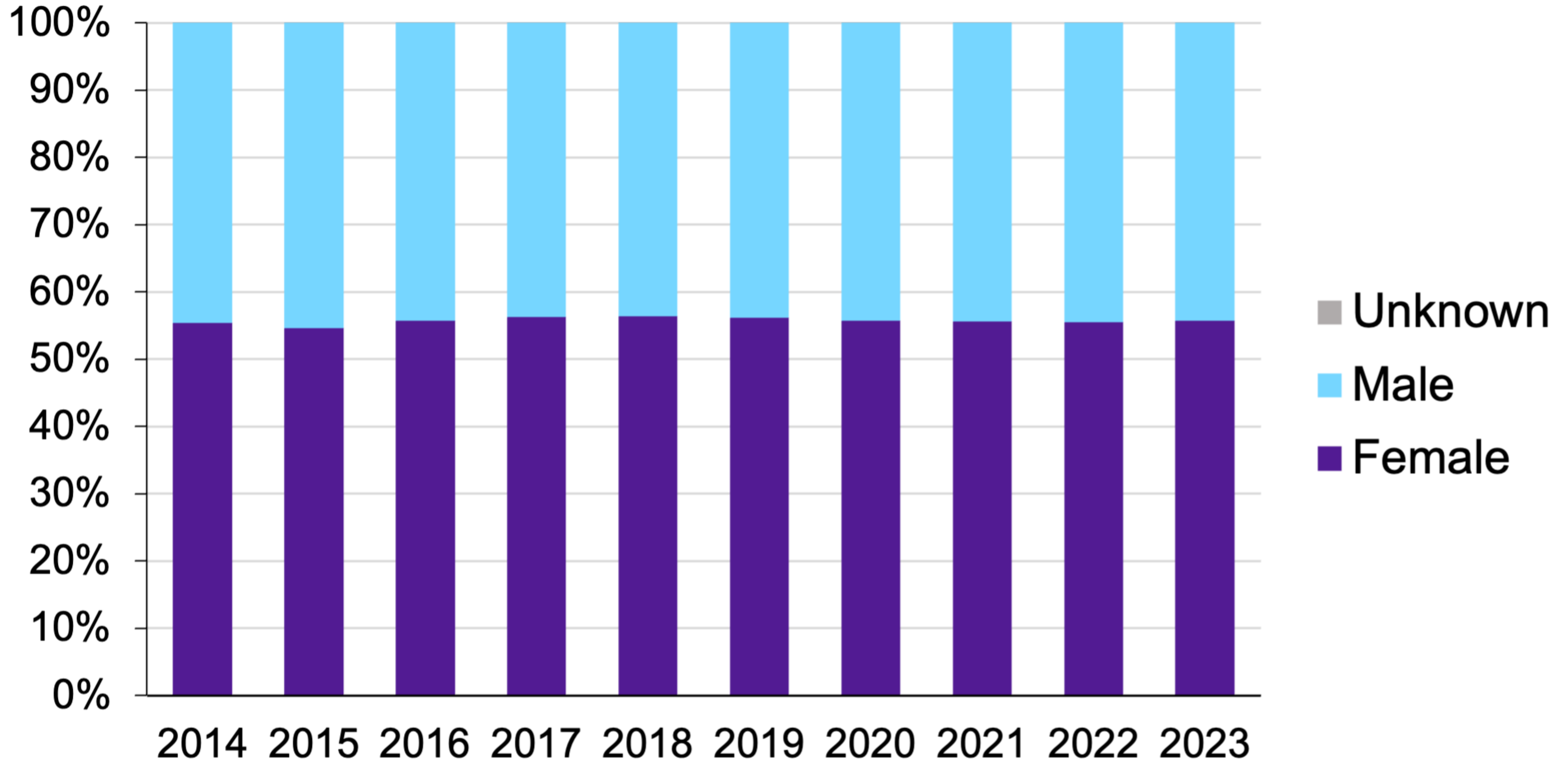
Type and Use of EHR

Demographics

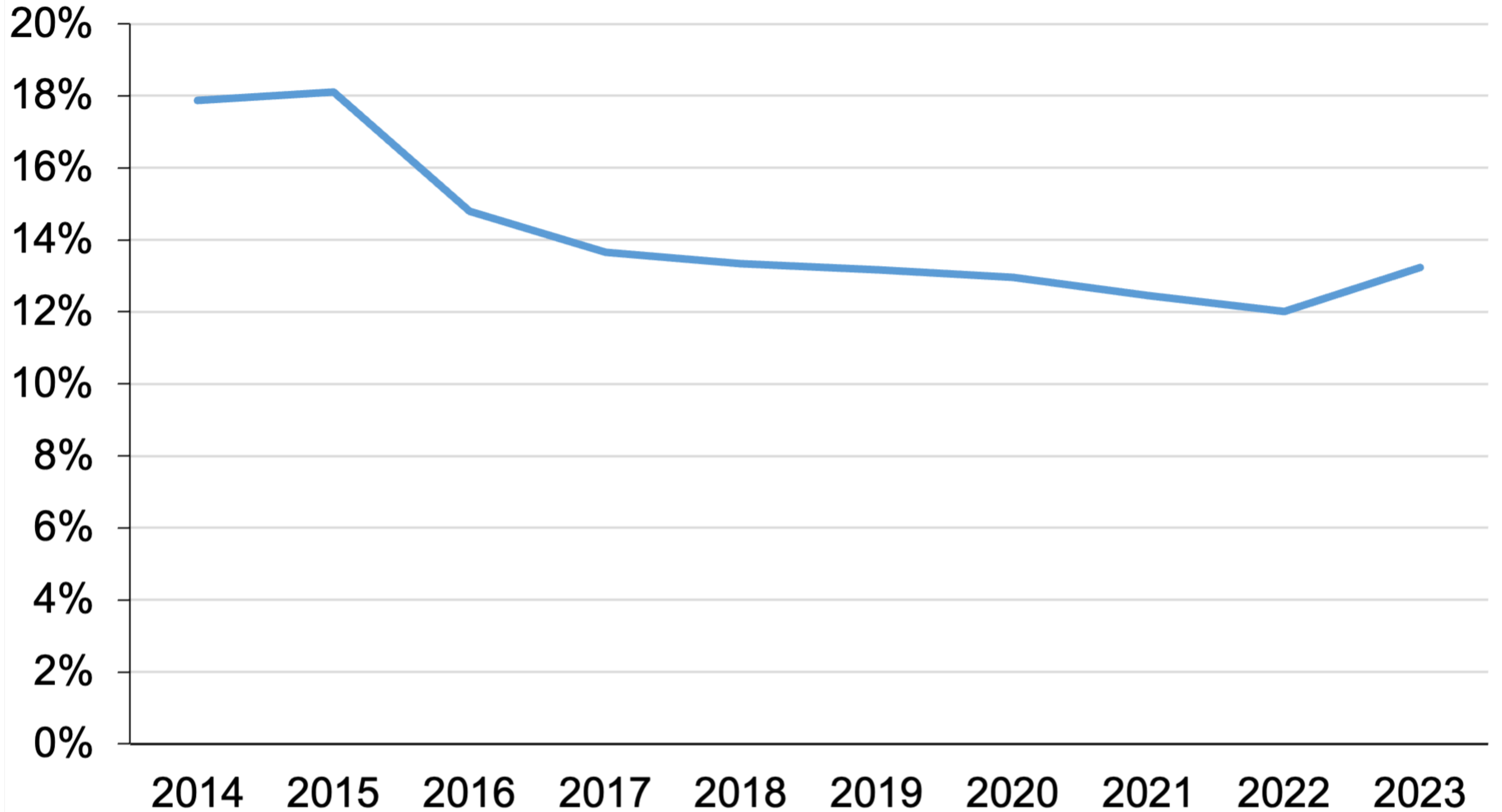
Total Subjects



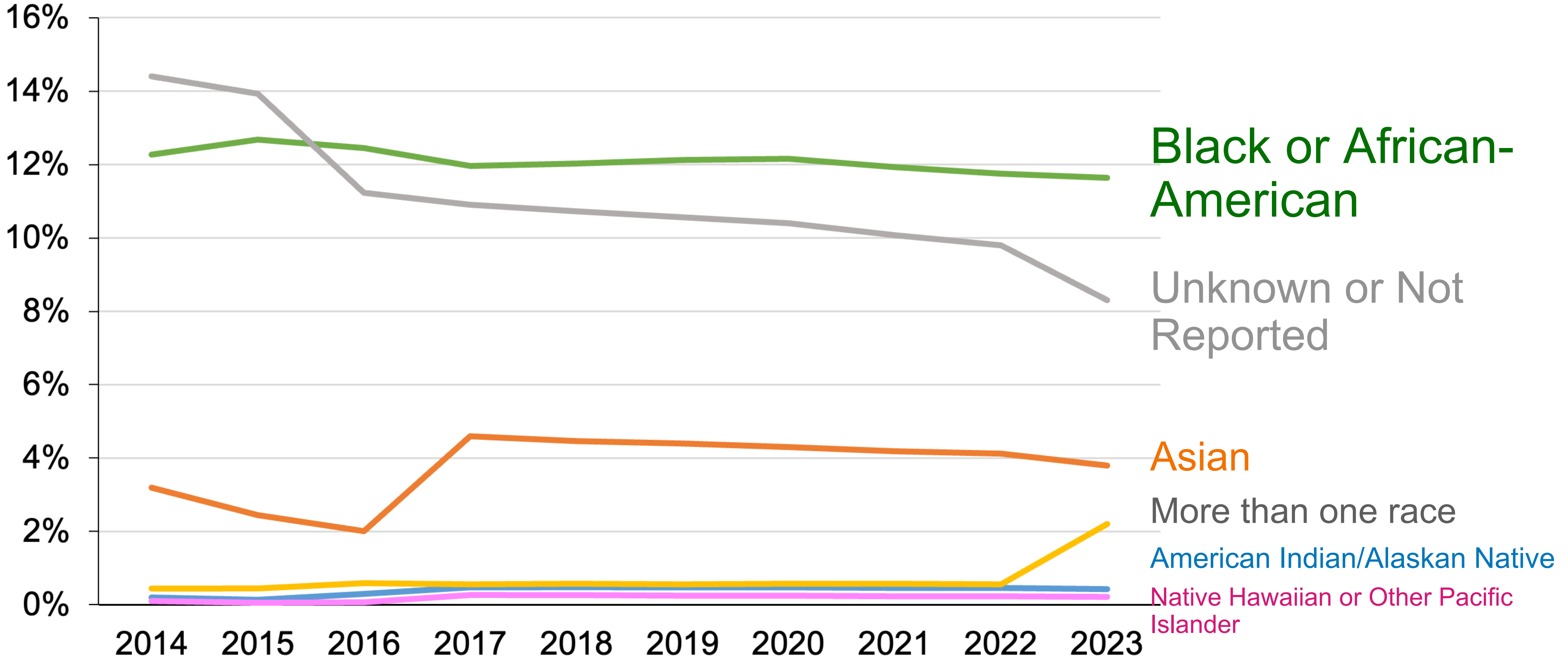
Sex



Hispanic or Latino



Non-White Race



Non-White Race

2021 U.S. Population

