

ARIZONA MEDICALLY UNDERSERVED AREAS

BIENNIAL REPORT

OCTOBER 2022



CONTENTS

Introduction..... 03

Criteria..... 03

Recent Rule Changes..... 04

Report Components.....04

Summary..... 04

Primary Care Index..... 05

2022 AzMUA List.....06

AzMUA Maps.....20

Findings: Summary..... 21

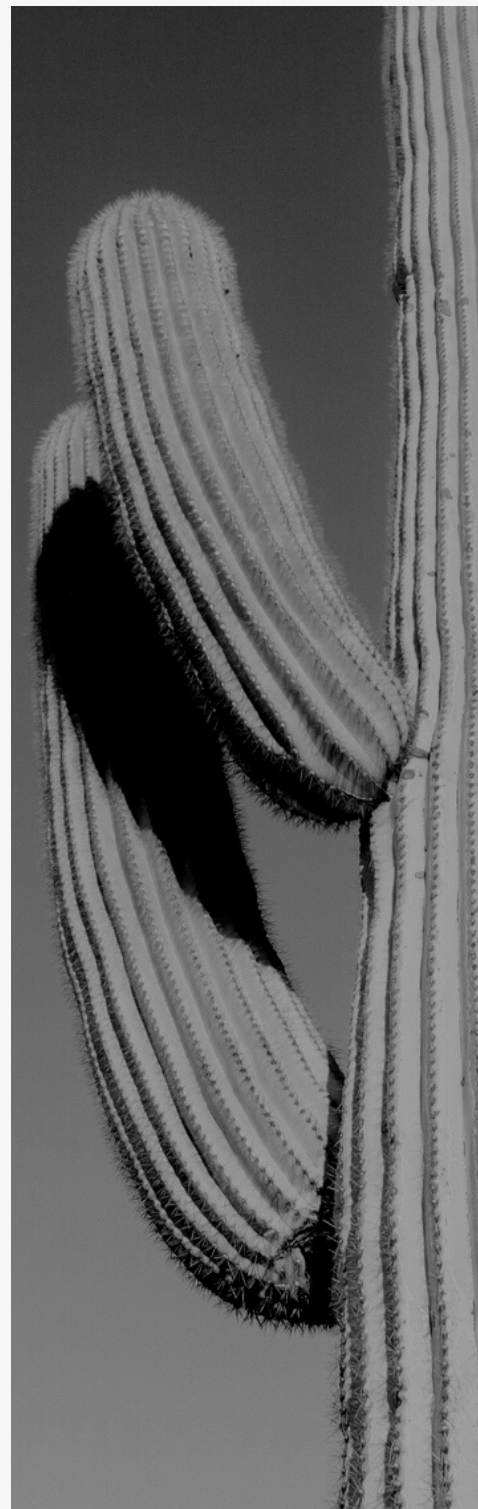
Findings: Health Workforce.. 22

Findings: Socioeconomic.....23

Findings: Maternal & Child Health..... 24

Findings: Other Factors..... 25

Az Loan Repayment Sites.....26



INTRODUCTION

The Arizona Medically Underserved Areas (AzMUA) report is prepared by the Arizona Department of Health Services (ADHS), as mandated by A.R.S. § 36-2352, and used for planning the delivery of primary care services. Within the ADHS Division of Public Health, the Bureau of Women's and Children's Health (BWCH) is responsible for activities associated with the implementation of A.R.S. § 36-2352.

BWCH is responsible for assisting communities in obtaining both state and federal shortage designations. Additionally, BWCH manages the Primary Care Provider Loan Repayment Program (A.R.S. § 36-2172), which provides loan repayment incentives for public and private non-profit providers working in Health Professional Shortage Areas (HPSAs) and the Rural Private Primary Care Provider Loan Repayment Program (A.R.S. § 36-2174), which provides loan repayment incentives for rural private for-profit providers working in HPSAs or AzMUAs.

CRITERIA

The AzMUA designation process begins with the identification of rational service areas in Arizona which reflect demographics, political subdivisions, and primary care utilization patterns. These areas, called Primary Care Areas (PCAs), were last revised in 2014 with a repeatable methodology that will be implemented each decade to reflect the most recent decennial census. The PCAs have size limits, both in area and population, which make them conducive to small area statistical analysis.

The Primary Care Index is used to assign points to each PCA based on data gathered from state and federal agencies on indicators that include: population-to-primary care physician ratio; travel distance to nearest primary care physician; poverty; health insurance status; low birthweight birth rate; late or no prenatal care; infant mortality rate; and presence of populations that experience health disparities, such as elderly, youth, people with disabilities, communities of color, and those who speak a language other than English.

PCAs scoring in the top 25% or having a score greater than 30 (out of a possible 65) on the Primary Care Index are designated as AzMUAs. Additionally, by Arizona Statute, all federally designated Primary Care HPSAs are also considered AzMUAs. AzMUA designations are valid for two years.



RECENT RULE CHANGES

AzMUA rules underwent revisions in 2020 to modernize data indicators and streamline processes. The revised Primary Care Index includes fewer metrics than the old version, but those that are known to impact access to primary care and have easily accessible data sets. The new 9 A.A.C. 24, Article 1, rules for Arizona Medically Underserved Areas may be viewed in the [Arizona Administrative Register](#).

REPORT COMPONENTS

In accordance with A.R.S. § 36-2352, this Biennial AzMUA Report contains a list and map of currently designated PCAs, as well as a summary of resources provided to communities based on the AzMUA designation. This includes a listing and map of current Arizona State Loan Repayment Program sites. The administrative rules for the Primary Care Provider Loan Repayment Program and the Rural Private Primary Care Provider Loan Repayment Program can be found [here](#). The report also highlights findings of the Primary Care Index scoring, serving as a statewide primary care needs assessment for Arizona's Primary Care Office.

SUMMARY

Of Arizona's 126 PCAs, 82 are currently designated as AzMUAs. This is a decrease of seven AzMUAs from the last biennial report published in 2020. Only two of the PCAs designated as an AzMUA in this report (Flowing Wells and Tucson Foothills) are not currently designated as primary care HPSAs.

PCA scores on the Primary Care Index ranged from 1 to 54, out of a possible 65 points. See page 4 for the criteria included in the Primary Care Index, and associated scoring. Six of the top eight highest need PCAs based on this index are tribal areas: White Mountain Apache Tribe, Navajo Nation, Colorado River Indian Tribe, Hualapai Tribe, San Carlos Apache Tribe, and Fort McDowell Yavapai Nation. Twelve AzMUAs lie within American Indian Tribal land.

Through the use of AzMUA designations, resources can be targeted to those communities facing the greatest challenges in the provision of primary care services. The Department continues to work closely with communities and organizations in exploring appropriate designation, supporting expansion of primary health care services, and improving access to primary health care through workforce recruitment and retention programs.

Further information regarding the designation of medically underserved areas is available from the ADHS Bureau of Women's and Children's Health, 602-364-1400.



PRIMARY CARE INDEX

CRITERIA	VALUE RANGE	POINTS
POPULATION-TO-PRIMARY CARE PHYSICIAN RATIO	≤ 3000:1	0
	3001:1 TO 3500:1	2
	3501:1 TO 4000:1	4
	4001:1 TO 5000:1	6
	5001:1 TO 10,000:1	8
	>10,000:1 OR NO PHYSICIAN	10
TRAVEL DISTANCE TO NEAREST PRIMARY CARE PHYSICIAN	≤ 10.0 MILES	0
	10.1-20.0 MILES	2
	20.1-30.0 MILES	4
	30.1-40.0 MILES	6
	40.1-50.0 MILES	8
	> 50.0 MILES	10
% OF POPULATION WITH ANNUAL INCOME LESS THAN 200% OF FEDERAL POVERTY LEVEL	≤ 20.0%	0
	20.1-32.0%	2
	32.1-39.0%	4
	39.1-51.0%	6
	>51.0%	8
% OF POPULATION WHO DO NOT HAVE HEALTH INSURANCE	≤ 6.2%	0
	6.3-9.6%	2
	9.7-12.2%	4
	12.3-17.2%	6
	>17.2%	8
LOW BIRTHWEIGHT RATE (% OF BIRTHS)	≤ 6.2%	0
	6.3-6.9%	2
	7.0-7.5%	4
	7.6-8.2%	6
	>8.2%	8
LATE OR NO PRENATAL CARE RATE (% OF BIRTHS)	≤ 4.6%	0
	4.7-6.2%	2
	6.3-8.2%	4
	8.3-12.4%	6
	>12.4%	8
INFANT MORTALITY RATE (PER 1,000 LIVE BIRTHS)	≤ 3.5	0
	3.6-5.4	2
	5.5-7.0	4
	7.1-10.0	6
	>10.0	8

SUPPLEMENTARY CRITERIA

1 ADDITIONAL POINT FOR EACH SUPPLEMENTARY CRITERIA THAT IS A RATE GREATER THAN THE STATEWIDE AVERAGE

1. % OF POPULATION AGE 65 AND OLDER
2. % OF POPULATION AGE 14 AND YOUNGER
3. % OF POPULATION WITH A DISABILITY
4. % OF POPULATION WHO ARE COMMUNITIES OF COLOR
5. % OF POPULATION WHO SPEAKS A LANGUAGE OTHER THAN ENGLISH.

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Apache	Navajo Nation	0019426.00, 0019427.00, 0019440.00, 0019441.00, 0019442.01, 0019442.02, 0019443.00, 0019449.01, 0019449.02, 0019450.01, 0019450.02, 0019451.00, 0059422.01, 0059422.02, 0059450.00, 0059451.00, 0059452.00, 0179400.08, 0179400.10, 0179400.11, 0179400.14, 0179400.15, 0179423.00, 0179424.00, 0179425.00
	Springerville/Eager	0019702.00, 0019703.00, 0019705.01, 0019705.02
Cochise	Benson	0030003.01, 0030003.02, 0030003.03
	Bisbee	0030010.00, 0030011.00, 0030012.00, 0030020.01, 0030020.02, 0030021.00
	Douglas & Pirtleville	0030005.00, 0030006.00, 0030007.00, 0030008.00, 0030009.01, 0030009.02
	Sierra Vista	0030004.00, 0030013.00, 0030014.01, 0030014.02, 0030015.01, 0030015.02, 0030016.01, 0030016.02, 0030017.01, 0030017.02, 0030017.03, 0030018.00, 0030019.00
	Willcox & Bowie	0030001.00, 0030002.01, 0030002.02, 0030002.03

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Coconino	Grand Canyon Village	0050017.00, 0050023.00
	Hopi Tribe	0059449.00, 0179400.12, 0179400.13
	Page	0050020.00, 0050021.00
Gila	Globe	0070008.00, 0070009.00, 0070010.00, 0070011.00, 0070012.00, 0070013.00
	Payson	0070001.00, 0070002.00, 0070003.01, 0070003.02, 0070004.00, 0070005.00 0070006.00, 0070007.00
	San Carlos Apache Tribe	0079404.00, 0099405.00
	White Mountain Apache Tribe	0079402.00, 0179401.00, 00179403.01, 0179403.02
Graham	Safford	0099613.00, 0099614.00, 0099617.00
	Thatcher	0099611.00, 0099612.01, 0099612.02, 0099615.00, 0099616.00
Greenlee	Morenci	0119601.00, 0119602.00, 0119603.00
La Paz	Colorado River Indian Tribe	0129403.00
	Parker	0129402.00
	Quartzsite	0120201.00, 0120202.01, 0120202.02, 0120205.01, 0120205.02, 0120206.02, 0129800.00

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Maricopa	Alhambra Village	0131058.00, 0131059.00, 0131060.01, 0131060.02, 0131060.03, 0131061.00, 0131062.00, 0131066.00, 0131067.01, 0131067.02, 0131067.03, 0131068.01, 0131068.02, 0131069.00, 0131070.00, 0131071.01, 0131071.02, 0131072.01, 0131072.02, 0131073.00, 0131074.00, 0131075.00, 0131088.02, 0131089.02, 0131090.01, 0131090.02, 0131090.03, 0131091.01, 0131091.02, 0131092.00, 0131169.00
	Avondale	0130610.13, 0130610.14, 0130610.15, 0130610.21, 0130612.00, 0130614.01, 0130614.02, 0130820.19, 0130820.20, 0130820.21, 0130820.22, 0130820.23, 0130820.24, 0130820.25, 0130820.26, 0130820.27, 0130822.08, 0130822.09, 0130822.10, 0130822.1
	Buckeye	0130405.16, 0130506.03, 0130506.04, 0130506.05, 0130506.06, 0130506.07, 0130506.08, 0130506.09, 0130506.10, 0130506.11, 0130507.01, 0130507.02, 0137233.05, 0137233.06, 0139801.00

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Maricopa	Camelback East Village	0131051.02, 0131063.00, 0131064.00, 0131065.01, 0131065.02, 0131076.01, 0131076.02, 0131077.00, 0131078.00, 0131079.00, 0131080.00, 0131081.00, 0131082.00, 0131083.01, 0131083.02, 0131084.00, 0131085.01, 0131085.02, 0131086.02, 0131107.02, 0131108.01, 0131108.02, 0131109.01, 0131109.02, 0131110.00, 0131111.00, 0131112.01, 0131112.02, 0131112.03, 0131112.04, 0131113.00, 0131114.01, 0131114.02, 0131115.02, 0131136.01, 0131137.00
	Central City Village	0131129.00, 0131130.00, 0131131.00, 0131132.01, 0131132.02, 0131132.03, 0131133.00, 0131134.00, 0131135.01, 0131135.02, 0131136.02, 0131138.01, 0131138.02, 0131139.00, 0131140.00, 0131141.00, 0131142.00, 0131143.01, 0131143.02, 0131144.02, 0131148.00, 0131149.00, 0131172.00, 0131173.00
	El Mirage & Youngtown	0130608.02, 0130609.01, 0130609.02, 0130609.03, 0130609.04, 0130610.40, 0130610.41, 0130610.42, 0130610.43, 0130716.00, 0130717.01

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Maricopa	Estrella Village & Tolleson	0130822.03, 0130822.04, 0130822.05, 0130822.06, 0130822.07, 0130830.00, 0131125.05, 0131125.08, 0131125.10, 0131125.11, 0131125.12, 0131125.13, 0131126.02, 0131127.00, 0131144.01, 0131145.00, 0131146.00, 0131147.03
	Fort McDowell Yavapai Nation	0139412.00
	Glendale Central	0130924.01, 0130924.02, 0130925.00, 0130926.00, 0130927.05, 0130927.11, 0130927.12, 0130927.13, 0130927.15, 0130927.16, 0130927.17, 0130927.18, 0130928.01, 0130928.02, 0130929.00, 0130930.01, 0130930.02, 0130931.01, 0130931.04, 0130931.05, 0130931.06, 0130932.00
	Laveen Village	0131125.14, 0131155.00, 0131166.03, 0131166.04, 0131166.05, 0131166.06, 0131166.07, 0131166.08, 0131166.09, 0131166.10, 0131166.11, 0131166.12

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Maricopa	Maryvale Village	0130820.02, 0130820.07, 0130820.08, 0130820.09, 0130820.10, 0130820.12, 0130820.16, 0130820.17, 0130820.18, 0130820.28, 0130927.19, 0131093.00, 0131094.00, 0131095.00, 0131096.01, 0131096.02, 0131096.03, 0131096.04, 0131097.01, 0131097.02, 0131097.03, 0131097.04, 0131097.05, 0131098.01, 0131098.02, 0131099.00, 0131100.01, 0131100.02, 0131101.00, 0131121.00, 0131122.01, 0131122.02, 0131123.01, 0131123.02, 0131124.01, 0131124.02, 0131125.02, 0131125.03, 0131125.04, 0131125.07, 0131125.09, 0131126.01
	Mesa Central	0134203.01, 0134205.03, 0134205.04, 0134206.04, 0134208.00, 0134209.01, 0134209.02, 0134215.01, 0134215.02, 0134216.01, 0134216.02, 0134217.02, 0134218.01, 0134218.02, 0134219.01, 0134219.02, 0134223.02, 0134225.01, 0134225.02, 0134225.03, 0134225.04

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Maricopa	Mesa West	0134204.01, 0134205.01, 0134210.01, 0134210.02, 0134211.01, 0134211.02, 0134212.01, 0134212.02, 0134213.02, 0134213.03, 0134213.04, 0134214.00, 0134220.01, 0134220.02, 0134221.02, 0134221.03, 0134221.04, 0134221.05, 0134221.06, 0134221.07, 0134222.03, 0134222.04, 0134222.05, 0134222.12, 0134222.13, 0134222.15, 0134222.16, 0134222.17, 0134222.21, 0134222.22, 0134223.01
	North Mountain Village	0131036.05, 0131036.09, 0131036.11, 0131036.12, 0131036.14, 0131036.15, 0131037.02, 0131039.00, 0131040.00, 0131041.00, 0131042.02, 0131042.03, 0131042.04, 0131042.05, 0131042.06, 0131042.12, 0131042.18, 0131042.19, 0131043.01, 0131043.02, 0131044.01, 0131044.02, 0131045.01, 0131045.02, 0131046.00, 0131047.01, 0131047.02, 0131052.00, 0131053.00, 0131054.00, 0131055.01, 0131055.02, 0131055.03, 0131056.01, 0131056.02, 0131057.01, 0131057.02
	Salt River Pima-Maricopa Indian Community	0139413.00

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Maricopa	South Mountain Village & Guadalupe	0131152.00, 0131153.00, 0131154.00, 0131156.00, 0131157.00, 0131158.01, 0131158.02, 0131159.00, 0131160.00, 0131161.00, 0131162.02, 0131162.03, 0131162.04, 0131162.05, 0131163.00, 0131164.00, 0131165.00, 0131166.02, 0131166.13, 0131167.02, 0131167.03, 0131167.04, 0131167.32, 0133200.02
	Surprise North & Wickenburg	0130405.02, 0130405.15, 0130405.17, 0130405.18
	Tempe North	0133184.00, 0133185.01, 0133187.00, 0133188.00, 0133189.00, 0133190.00, 0133191.01, 0133191.03, 0133191.04, 0133192.01, 0133192.02, 0133193.00, 0133194.01, 0133194.02, 0133194.03, 0133194.04, 0133195.00, 0133196.00, 0133197.03, 0133197.04, 0133197.05, 0133197.06, 0133198.00, 0133201.00
Mohave	Bullhead City	0159405.01, 0159514.01, 0159514.02, 0159515.01, 0159515.02, 0159516.01, 0159516.02, 0159517.00, 0159518.00, 0159519.00, 0159520.01, 0159520.02, 0159520.03, 0159520.04, 0159550.00
	Colorado City	0159501.00

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Mohave	Golden Valley	0159505.00, 0159506.00
	Hualapai Tribe	0159404.00
	Kingman	0159504.01, 0159504.02, 0159507.03, 0159507.04, 0159507.05, 0159507.06, 0159536.01, 0159536.02, 0159538.00, 0159539.00, 0159548.00, 0159549.00
	Lake Havasu City	0159524.00, 0159525.00, 0159526.00, 0159527.00, 0159528.00, 0159529.00, 0159530.00, 0159531.00, 0159532.00, 0159533.00, 0159534.01, 0159534.02
Navajo	Show Low	0179613.00, 0179617.00, 0179625.00, 0179648.00, 0179649.00, 0179652.00, 0179653.00
	Snowflake/Heber	0179633.00, 0179634.00, 0179637.00, 0179638.00, 0179642.01, 0179642.02
	Winslow	0179601.00, 0179602.00, 0179604.00, 0179605.00, 0179606.00
Pima	Ajo	0194704.00
	Drexel Heights	0190043.10, 0190043.11, 0190043.12, 0190043.20, 0190043.21, 0190043.22
	Flowing Wells	0190045.06, 0190045.08, 0190045.12, 0190045.13

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Pima	Pascua Yaqui Tribe	0199410.00
	Picture Rocks	0190044.23, 0190044.25
	San Xavier	0199409.00
	Tanque Verde	0190040.50, 0190040.51, 0190040.52, 0190040.53, 0190040.54, 0194705.00
	Tohono O'Odham Nation	0139407.00, 0199406.00, 0199407.00, 0199408.00
	Tucson Central	0190001.00, 0190003.00, 0190004.00, 0190005.00, 0190006.00, 0190007.00, 0190008.00, 0190009.00, 0190010.00, 0190013.02, 0190013.03, 0190013.04, 0190014.00, 0190015.00, 0190016.00, 0190017.00, 0190018.01, 0190018.02, 0190019.00, 0190026.02, 0190026.03, 0190026.04, 0190027.01, 0190027.02, 0190027.03, 0190028.01, 0190028.02, 0190028.03, 0190045.04, 0190045.05, 0190045.10, 0190045.11, 0190047.10
Tucson East	0190033.02, 0190036.00, 0190040.08, 0190040.10, 0190040.11, 0190040.22, 0190040.29, 0190040.33, 0190040.34, 0190040.35, 0190040.36, 0190040.37, 0190040.38, 0190040.39, 0190040.48, 0190040.49, 0190040.56, 0190040.57, 0190040.58, 0190040.68, 0190040.69, 0190040.70, 0190040.71, 0190040.72	

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Pima	Tucson Estates	0190044.04, 0190044.21, 0190044.24
	Tucson Foothills	0190029.01, 0190029.03, 0190029.04, 0190029.05, 0190030.02, 0190030.03, 0190030.04, 0190031.01, 0190031.02, 0190032.00, 0190033.03, 0190033.04, 0190034.00, 0190035.01, 0190035.02, 0190035.03, 0190035.04, 0190040.31, 0190040.32, 0190040.46, 0190040.47, 0190040.55, 0190040.67
	Tucson South	0190020.00, 0190021.00, 0190022.01, 0190022.02, 0190023.00, 0190024.00, 0190025.01, 0190025.03, 0190025.04, 0190025.05, 0190025.06, 0190037.02, 0190037.04, 0190037.05, 0190037.06, 0190037.07, 0190038.01, 0190038.02, 0190039.01, 0190039.02, 0190039.03, 0190041.10, 0190041.12, 0190041.13, 0190041.14, 0190041.15, 0190041.16, 0190041.17, 0190041.22, 0190044.07, 0194105.01, 0194105.02, 0194105.03
	Tucson South East	0190040.26, 0190040.42, 0190040.43, 0190040.44, 0190040.62, 0190040.63, 0190040.64, 0190040.65, 0190040.66, 0190040.73, 0190040.74

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Pima	Tucson West	0190002.00, 0190011.00, 0190012.00, 0190044.11, 0190044.12, 0190044.13, 0190044.14, 0190044.15, 0190044.22, 0190044.28
	Vail	0190040.61, 0190041.07, 0190041.09
	Valencia West	0190043.13, 0190043.33, 0190043.34
Pinal	Apache Junction	0134201.16, 0210003.07, 0210003.08, 0210003.09, 0210003.10, 0210003.11, 0210003.12, 0210003.13, 0210003.14, 0210003.15, 0210003.17, 0210003.18
	Coolidge	0210010.00, 0210011.00, 0210012.00
	Eloy	0210008.02, 0210019.00, 0210020.01, 0210020.02, 0210020.03, 0210021.01, 0210021.02, 0210021.03
	Florence	0210002.08, 0210004.00, 0210008.01, 0210008.03, 0210009.01, 0210009.02, 0210023.00
	Gila River Indian Community	0139410.00, 0139411.00, 0219412.00, 0219413.00
	Maricopa	0210017.01, 0210017.02, 0210017.03, 0210017.04, 0210017.05, 0210017.06, 0210017.07, 0210017.08, 0210017.09, 0210017.10, 0210017.11, 0219414.0

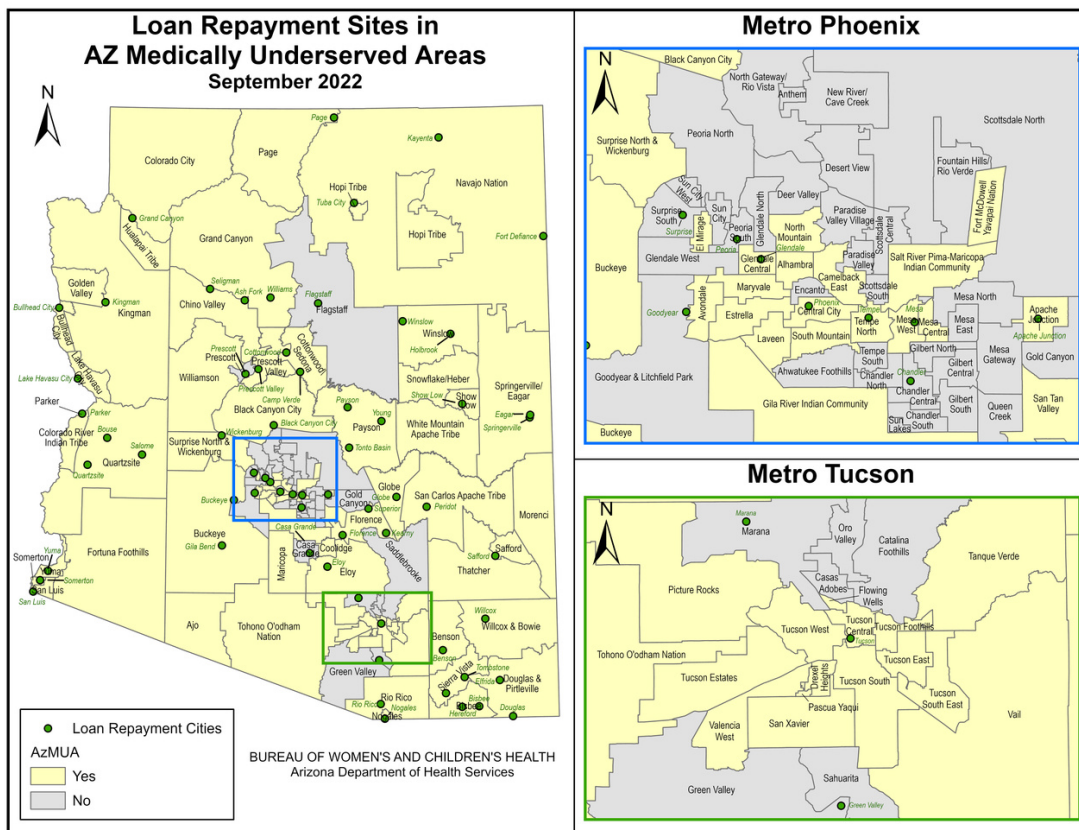
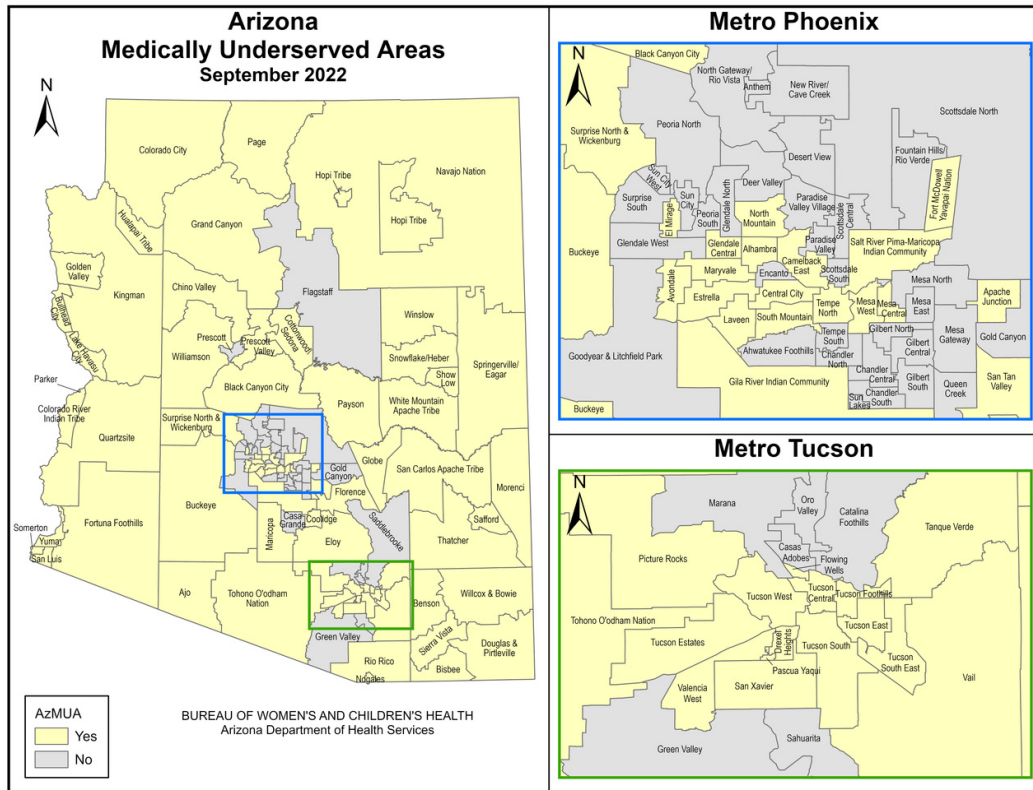
ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Pinal	San Tan Valley	0210002.04, 0210002.05, 0210002.06, 0210002.07, 0210002.09, 0210002.10, 0210002.11, 0210002.12, 0210002.13, 0210002.14
Santa Cruz	Nogales	0239661.03, 0239662.00, 0239663.01, 0239663.02, 0239664.01, 0239664.02
	Rio Roco	0239660.00, 0239661.01, 0239661.04, 0239661.05
Yavapai	Black Canyon City	0250014.01, 0250014.02, 0250015.00
	Chino Valley	0250002.02, 0250002.03, 0250002.04, 0250021.00
	Cottonwood/Sedona	0050016.00, 0250016.01, 0250016.02, 0250016.03, 0250017.01, 0250017.02, 0250017.03, 0250018.01, 0250018.02, 0250020.01, 0250020.02, 0250020.03, 0250020.04
	Prescott Valley	0250006.04, 0250006.05, 0250006.06, 0250006.07, 0250006.08, 0250006.09, 0250006.10, 0250007.00, 0250019.00
	Williamson	0250012.00, 0250013.00, 0250014.03

ARIZONA MEDICALLY UNDERSERVED AREAS, 2022

County	Primary Care Area	Census Tracts
Yuma	Fortuna Foothills	0270109.05, 0270109.07, 0270109.10, 0270111.08, 0270111.10, 0270111.11, 0270111.12, 0270111.14, 0270111.15, 0270112.01, 0270112.02, 0270121.00, 0279800.03, 0279800.04
	San Luis	0270114.03, 0270114.05, 0270114.06, 0270116.00, 0270118.00, 0279800.05
	Somerton	0270115.01, 0270115.03, 0270115.04
	Yuma	0270001.00, 0270002.00, 0270003.01, 0270003.02, 0270004.02, 0270004.03, 0270004.04, 0270005.01, 0270005.02, 0270006.00, 0270007.00, 0270008.00, 0270009.01, 0270009.02, 0270009.03, 0270009.05, 0270009.07, 0270009.08, 0270010.01, 0270010.03, 0270010.04, 0270011.00, 0270012.00, 0270109.11, 0270109.13, 0270109.14, 0270110.00, 0270111.04, 0270111.06, 0270111.07, 0270117.00, 0279800.06

AzMUA Maps





Assessment Findings: Summary

Of Arizona's 126 PCAs, 82 are currently designated as AzMUAs. Only two of the PCAs designated as an AzMUA (Flowing Wells and Tucson Foothills) are not currently designated as a primary care HPSA.

PCA scores on the Primary Care Index ranged from 1 to 54, out of a possible 65 points. Six of the top ten highest need PCAs based on this index are tribal areas: White Mountain Apache Tribe, Navajo Nation, Colorado River Indian Tribe, Hualapai Tribe, San Carlos Apache Tribe, and Fort McDowell Yavapai Nation. Twelve AzMUAs lie within American Indian Tribal land.

10 HIGHEST SCORING PRIMARY CARE AREAS	TOTAL SCORE	URBAN, RURAL OR TRIBAL
WHITE MOUNTAIN APACHE TRIBE	54	TRIBAL
NAVAJO NATION	50	TRIBAL
COLORADO RIVER INDIAN TRIBE	49	TRIBAL
HUALAPAI TRIBE	48	TRIBAL
GLENDALE CENTRAL	48	URBAN
FLOWING WELLS	45	URBAN
SAN CARLOS APACHE TRIBE	45	TRIBAL
TUCSON SOUTH	42	URBAN
FORT MCDOWELL YAVAPAI NATION	42	TRIBAL
SOUTH MTN VILLAGE & GUADALUPE	41	URBAN

Assessment Findings: Health Workforce Issues

Of Arizona's 126 PCAs, 29 have a population-to-primary care physician ratio of greater than 5,000:1, or no primary care physicians in their community at all. Of these, 15 are urban areas, 5 are tribal, and 9 are rural.

Travel distance to nearest primary care physician (PCP) ranged from 2 to 73 miles. Of the eight PCAs with longest travel distance, half are tribal areas and all are rural or frontier.

A [2019 Arizona Primary Care Physician Workforce Report](#), published by the University of Arizona Center for Rural Health, identified similar discrepancies between urban and rural areas of the state. The ratio of primary care physicians per 100,000 population in Arizona was 80.1 in urban areas, 67.2 in large rural cities/towns, 63.9 in small rural towns, and just 10.1 in isolated small rural towns.

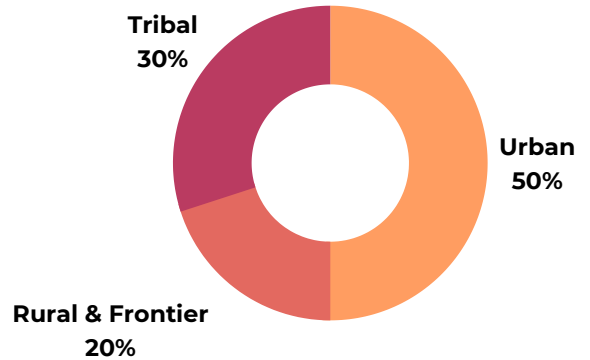
In spite of the lack of primary care availability in rural communities, Arizona has just 43 Medicare-certified Rural Health Clinics (RHC). This is one RHC per 7,909 rural residents in the state - as compared to one RHC per 5,710 rural residents in Illinois, 4,548 in Missouri, and 3,150 in California.

Travel Distance to Nearest PCP	PCA		Miles	Highest	Lowest	PCA		Miles
	PCA	Miles				PCA	Miles	
	Colorado City	73			Goodyear & Litchfield Park	2		
	Ajo	72			Avondale	2		
	Page	66			Surprise South	2		
	Navajo Nation	52			Surprise North & Wickenburg	2		
	Hopi Tribe	52			El Mirage & Youngtown	2		
	Colorado River Indian Tribe	38			Springerville/Eager	2		

Assessment Findings: Socioeconomic Factors

Poverty and lack of health insurance are known barriers to care. Rate of uninsurance among PCAs ranged from 1.3% in Anthem to 41.1% in Fort McDowell Yavapai Nation (a tribal area). The majority of the twenty PCAs with lowest rates of uninsured are in Maricopa and Pima Counties, which contain the Phoenix and Tucson metro areas, and many of those PCAs with the lowest rates contain retirement communities. Of the twenty PCAs that have uninsured rates of 16% or higher, 10 are urban and 6 are tribal areas.

PCAs with Uninsured Rate >16%



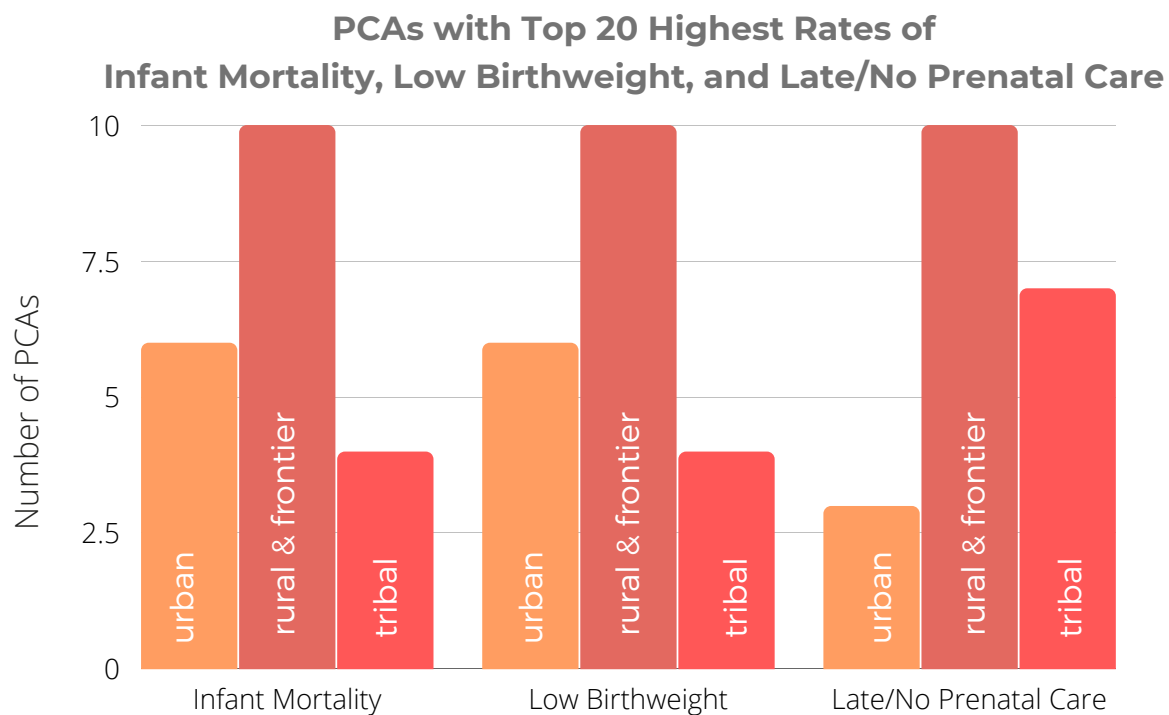
Percent of population under 200% of the federal poverty level ranged from 71% in Tohono O'Odham Nation to about 9% in Tanque Verde. Again, we see tribal areas overrepresented among the highest need PCAs in this category. The five highest poverty rates are all in tribal PCAs. The rate of individuals living under the federal poverty level is 29% for American Indians in Arizona, compared to 9% for White Arizonans.

Population Under 200% Federal Poverty Level	PCA	% Population	Highest	Lowest	PCA	% Population
	Tohono O'Odham Nation	71.1			Chandler South	11.1
Gila River Indian Community	69.6	Desert View Village	11.0			
Salt River Pima-Maricopa Indian Community	68.6	North Gateway/Rio Vista Village	10.3			
San Carlos Apache Tribe	68.2	Paradise Valley	10.2			
Hualapai Tribe	67.9	Fountain Hills/Rio Verde	10.2			
Somerton	66.8	Tanque Verde	8.9			

Assessment Findings: Maternal and Child Health Indicators

Arizona's Primary Care Index incorporates three maternal and child health indicators: infant mortality rate per 1,000 live births, percent of births that are low birthweight, and percent of births in which mothers received late or no prenatal care. In the ten highest need areas, infant mortality rates were over 8.2, more than 9% of births were low birthweight, and over 20% of new mothers received late or no prenatal care. PCAs with the highest twenty rates were classified by type, and for each of these indicators half of those PCAs were rural or frontier communities. Tribal areas were also overrepresented in this group with MCH-related challenges.

The disparities in maternal and birth outcomes by rurality are not surprising, as many women living in rural areas must travel significant distances to obtain prenatal care and to deliver their babies. According to a 2020 Arizona OB/GYN and Certified Nurse Midwife Workforce Report published by the University of Arizona Center for Rural Health, the ratio of OB/GYN to 10,000 female population is 2.1 in urban areas, 1.5 in large rural cities/towns, 1.1 in small rural towns, and 0 in isolated small rural towns. In fact, two counties in Arizona are designated as maternity care deserts (offering no maternity care) and four additional rural counties have limited access to maternal care (March of Dimes, 2018).



Assessment Findings: Other Factors

Several metrics that can impact health care utilization or are considered social determinants of health are included in the Primary Care Index. These include elderly population; youth population; population living with a disability (physical, mental or sensory impairment); communities of color (individuals who self-identify their race as anything other than non-Hispanic White); and those who speak a language other than English in their home. PCAs with the top 5 rates in each of these metrics are displayed below.

In each of these categories, we can identify similarities among PCAs with highest rates. PCAs with large elderly populations - and many with large populations of individuals with disabilities - have planned retirement communities within. Several of those with large youth population are tribal areas. Tribal areas and border communities are predominately people of color. Likewise, four of the five largest populations speaking a language other than English reside in Mexico/U.S. border communities and the remaining is a tribal area.

% Pop Age 65+		% Pop Age 14 and Under		% Pop with a Disability		% Pop who are Communities of Color		% Pop Non-English Speakers	
Sun City West	85	Hualapai Tribe	31	Golden Valley	32	San Luis	99	San Luis	92
Sun Lakes	78	San Carlos Apache Tribe	31	Sun City	31	San Carlos Apache Tribe	99	Nogales	91
Green Valley	72	White Mtn Apache Tribe	31	Green Valley	28	Navajo Nation	99	Douglas & Pirtleville	79
Sun City	68	Somerton	30	Chino Valley	27	Pascua Yaqui Tribe	98	Somerton	77
Gold Canyon	54	Anthem	29	Benson	27	Gila River Indian Com.	98	Navajo Nation	69



Arizona Loan Repayment Program Sites

[current as of 9/6/22]

Apache County

North Country HealthCare - Round Valley/Springerville
488 Mountain Ave, Springerville, AZ 85938

Summit Healthcare Medical Associates Mountain Avenue Clinic
606 N. Main Street, Eagar, AZ 85925

Tsehootsooi Medical Center
Corner of Routes N12 and N7, Fort Defiance, AZ 86504

White Mountain Regional Medical Center
118 S. Mountain Ave, Springerville, AZ 85938

Cochise County

Chiricahua Community Health Centers, Inc (CCHCI) - Benson Family Health Center and Pharmacy
335 S. Ocotillo Avenue, Benson, AZ 85635

CCHCI - Bisbee Pharmacy
307 Arizona Street, Bisbee, AZ 85603

CCHCI - Cliff Whetten Clinic
10566 N Hwy 191, Elfrida, AZ 85610

CCHCI - Douglas Pharmacy
1111 F Avenue, Douglas, AZ 85607

CCHCI - Ginger Ryan Clinic
1100 F Ave., Douglas AZ 85607

CCHCI - Pediatric Center of Excellence
815 E. 15th Street, Douglas, AZ 85607

CCHCI - Sierra Vista Dental Clinic
115 Calle Portal, Sierra Vista, AZ 85635

CCHCI - Sierra Vista Pharmacy
155 Calle Portal, Suite 600, Sierra Vista, AZ 85635

CCHCI - Sierra Vista Pediatrics
155 Calle Portal Suite 700, Sierra Vista, AZ 85635

CCHCI - Willcox
1140 W Fremont St, Willcox, AZ 85643

Cochise Health & Social Services - Benson
126 W 5th St, Benson, AZ 85602

Cochise Health & Social Services - Bisbee
1415 Melody Ln, Bldg A, Bisbee, AZ 85603

Cochise Health & Social Services - Douglas
1012 North G Ave, Ste 101, Douglas, AZ 85607

Arizona Loan Repayment Program Sites

[current as of 9/6/22]

Cochise County

Cochise Health & Social Services - Sierra Vista

4115 E Foothills Dr, Sierra Vista, AZ 85635

Cochise Health & Social Services - Willcox

450 S Haskel, Willcox, AZ 85643

Copper Queen Medical Associates (CQMA) Douglas

100 E. 5th Street, Douglas, AZ 85607

Copper Queen Community Hospital RHC - Tombstone

7 N San Diego St, Tombstone, AZ 85638

CQMA Palominas

10524 E. Highway 92, Hereford, AZ 85615

Coconino County

Canyonlands Healthcare - Lake Powell Medical Center

467 Vista Avenue, Page, AZ 86040

North Country HealthCare - Guidance Center

2187 N Vickey St, Flagstaff, AZ 86004

North Country HealthCare - Flagstaff

2920 N. 4th St, Flagstaff, AZ 86004

Tuba City Regional Health Care

167 N Main St, Tuba City, AZ 86045

North Country HealthCare - Grand Canyon

1 Clinic Road, Grand Canyon, AZ 86023

North Country HealthCare - Williams

301 S. 7th Street, Williams, AZ 86046

Arizona Loan Repayment Program Sites

[current as of 9/6/22]

Gila County

Cobre Valley Regional Medical Center (CVRMC) - Globe Family Practice
5994 S. Hospital Drive, Globe, AZ 85501

CVRMC - Cobre Valley Surgical Services and CAH
5880 S. Hospital Drive, Globe, AZ 85501

CVRMC - Red Rock Clinic
5990 S. Hospital Drive, Globe, AZ 85501

CVRMC - Kearny Clinic
100 Tilbury Drive, Kearny, AZ 85137

CVRMC - Pleasant Valley Community Medical Center
124 Tewksbury Blvd., Young, AZ 85554

CVRMC - Tonto Basin Clinic
186 E. Stephens Way, Tonto Basin, AZ 85553

Hope Family Care Center
285 N. Broad Street, Globe, AZ 85501

North Country HealthCare - Payson
126 E Main St, Ste B, Payson, AZ 85541

San Carlos Apache Healthcare
103 Medicine Way, Peridot, AZ 85542

Graham & Greenlee Counties

Canyonlands Healthcare - Safford
2016 N 16th St, Safford, AZ 85546

Gila Valley Clinic
1680 S. 20th Avenue, Safford, AZ 85546

La Paz County

Bouse Medical Center
44031 E. Plomosa Road, Bouse, AZ 85325

La Paz Regional Hospital and River Health Clinic
1200 W. Mohave Road, Parker, AZ 85344

La Paz Medical Services - Quartzite
150 E Tyson Road, Quartzite, AZ 85346

Tri-Valley Medical Center
39726 Harquahala Mine Road, Salome, AZ 85348

Arizona Loan Repayment Program Sites

[current as of 9/6/22]

Maricopa County

Adelante Healthcare Buckeye

306 E. Monroe, Buckeye, AZ 85326

Adelante Healthcare Central Phoenix

500 W. Thomas Road, Suite 870,
Phoenix, AZ 85013

Adelante Healthcare Gila Bend

100 N.Gila Avenue, Gila Bend, AZ 85337

Adelante Healthcare Goodyear

13471 W. Cornerstone Blvd. Goodyear, AZ
85395

Adelante Healthcare Mesa

1705 W. Main Street, Mesa, AZ 85201

Adelante Healthcare Peoria

15525 N. 83rd Avenue, Suite 104, Peoria,
AZ 85382

Adelante Healthcare Surprise

15351 W. Bell Road, Surprise, AZ 85374

Adelante Healthcare West Phoenix

7725 N. 43rd Avenue, Suite 510, Phoenix,
AZ 85051

Adelante Healthcare Wickenburg

811 N. Tegner Street, Suite 113,
Wickenburg, AZ 85390

Copperwood Health Center

11851 N 51st Ave, Ste B-110, Glendale, AZ
85304

Dorothy B. Mitchell Counseling Center

1655 E. University Drive, Mesa, AZ 85203

**Jewish Family & Children's Service -
Michael R. Zent Healthcare Center**

3001 NB 33rd Ave, Phoenix, AZ 85017

**Mountain Park Health Center (MPHC) -
Baseline East Clinic**

635 E. Baseline Road, Phoenix, AZ 85042

MPHC - Baseline West Clinic

303 E. Baseline Road, Phoenix, AZ 85042

MPHC - Christown YMCA

5517 N. 17th Avenue, Phoenix, AZ 85015

MPHC - Gateway Clinic

3830 E. Van Buren St, Phoenix, AZ 85008

MPHC - Goodyear Clinic

140 N. Litchfield Road, Suite 200,
Goodyear, AZ 85338

MPHC - Maryvale Clinic

6601 W. Thomas Rd, Phoenix, AZ 85033

MPHC - Tempe

1840 E Broadway Rd, Tempe, AZ 85282

NOAH - Venado Valley Health Center

20440 N. 27th Ave, Phoenix, AZ 85027

Sierra Health Center

6206 W Bell Rd, Glendale, AZ 85308

Arizona Loan Repayment Program Sites

[current as of 9/6/22]

Maricopa County

**Southwest Behavioral & Health Services
- Mesa Outpatient Clinic**
1255 W. Baseline Rd, #138, Mesa, AZ
85202

**Southwest Behavioral & Health Services
- Metro Outpatient Clinic**
11221 N. 28th Drive, Bldg. E, Phoenix, AZ
85029

Sun Life Health - Center for Women
655 S Dobson Rd, Chandler, AZ 85224

Terros - 27th Avenue Integrated Care
3864 N. 27th Ave, Phoenix, AZ 85017

Terros - Olive Avenue Integrated Care
6153 W. Olive Ave, Glendale, AZ 85302

Terros - Stapley Counseling and Ladder
1111 S Stapley Dr, Mesa, AZ 85204

Valle del Sol
1209 S 1st Ave, Phoenix, AZ 85003

Valle del Sol - 27th Avenue
502 N. 27th Avenue, Phoenix, AZ 85009

Valleywise CHC - Chandler
811 S. Hamilton, Chandler, AZ 85225

**Valleywise CHC - Maricopa Medical
Center**
2601 E. Roosevelt, Phoenix, AZ 85008

Valleywise CHC - Maryvale
4011 N. 51st Ave, Phoenix, AZ 85031

Valleywise CHC - Mesa
59 S. Hibbert, Mesa, AZ 85210

Valleywise CHC - North Phoenix
2025 W Northern Ave, Phoenix, AZ 85021

Valleywise CHC - Sunnyslope
934 W. Hatcher Road, Phoenix, AZ 85021

Valleywise CHC - South Central
33 W. Tamarisk Ave, Phoenix, AZ 85041

Valleywise CHC - West Maryvale
7808 W Thomas Rd, Phoenix, AZ 85033

**Valleywise CHC - Women's Health and
Pediatric Clinic**
2525 E. Roosevelt St, Phoenix, AZ 85008

Arizona Loan Repayment Program Sites

[current as of 9/6/22]

Mohave County

Desert Spurs Primary Care

2400 Hwy 95, Ste 50, Bullhead City, AZ
86442

Joshua Tree Pediatrics

2202 Stockton Hill Rd, #100, Kingman,
AZ 86401

Kingman OB/GYN Associates

1739 Beverly Ave, Ste 200, Kingman, AZ
86409

KRMC - Joshua Tree Pediatrics

1739 E. Beverly Ave, Suite 204, Kingman,
AZ 86409

North Country HealthCare - Kingman

1510 Stockton Hill Rd, Kingman, AZ
86041

**North Country HealthCare - Lake Havasu
City**

2090 N. Smoketree Ave, Lake Havasu
City, AZ 86403

Navajo County

Canyonlands Healthcare - Chilchinbeto

Hwy 160 to Rt 59, PO Box 1496, Kayenta,
AZ 86033

Keith S. West, DMD

301 N. Central Ave, Show Low, AZ 85901

Little Colorado Physicians Office

200 E. Lee St, Winslow, AZ 86047

North Country HealthCare - Holbrook

2109 Navajo Blvd., Holbrook, AZ 86025

North Country HealthCare - Show Low

2650 E. Show Low Lake Rd., Suite 1,
Show Low, AZ 85901

North Country HealthCare - Winslow

620 W Lee St, Winslow, AZ 85938

Winslow Indian Health Care Center

500 N. Indian Ave., Winslow AZ 86047

Pima County

El Rio CHC - Cherrybell Clinic

1230 S. Cherrybell Stravenue, Tucson, AZ
85713

El Rio CHC - Congress Clinic

839 W. Congress St., Tucson AZ 85745

Arizona Loan Repayment Program Sites

[current as of 9/6/22]

Pima County

El Rio CHC - El Pueblo Clinic

101 W. Irvington, Tucson, AZ 85714

El Rio CHC - Pascua Clinic and Tribal Dental Center

7490 S. Camino De Oeste, Tucson, AZ 85746

El Rio CHC - Southeast Clinic

6950 E. Golf Links Rd, Tucson, AZ 85730

El Rio CHC - Southwest Clinic

1500 W. Commerce Court, Tucson, AZ 85746

MHC Healthcare - Dove Mountain

5224 W Dove Centre Rd, Marana, AZ 85658

MHC Healthcare - Flowing Wells

1323 W Prince Rd, Tucson, AZ 85705

MHC Healthcare - Main

13395 N Marana Main St, Marana, AZ 85653

MHC Healthcare - Primary Care Health Center

2355 N Wyatt Dr, #101, Tucson, AZ 85712

United CHC at Freeport McMoran

1260 S Campbell Rd, Bldg 2, Green Valley, AZ 85614

Wyatt Primary Care Office

2424 N Wyatt Dr, #140, Tucson, AZ 85712

Pinal County

CVRMC - Superior Clinic

1134 US HWY 60, Superior, AZ 85173

Horizon Health and Wellness - Florence

450 Adamsville Rd, Florence, AZ 85132

Sun Life Family Health Center (SLFHC) - Apache Junction

2080 W Southern Ave, Apache Junction, AZ 85120

SLFHC - Casa Grande

865 N. Arizola Rd, Casa Grande, AZ 85122

SLFHC - Eloy

205 N. Stuart Blvd, Eloy, AZ 85131

Sun Life Pediatric Dentistry

1864 E. Florence Blvd., Suite 1, Casa Grande, AZ 85122

Sun Life Center for Women

1864 Florence Blvd., Suite 2, Casa Grande, AZ 85122

Arizona Loan Repayment Program Sites [current as of 9/6/22]

Santa Cruz County

Mariposa CHC - Nogales

1852 N. Mastick Way, Nogales, AZ 85621

Mariposa CHC - Rio Rico

1103 Circulo Mercado, Rio Rico, AZ 85648

Yavapai County

Black Canyon Community Pharmacy

19251 E. Oasis Dr, Black Canyon City, AZ
85324

CHC of Yavapai - Cottonwood

51 Brian Mickelsen Pkwy, Cottonwood,
AZ 86326

CHC of Yavapai - Prescott

1090 Commerce Dr, Prescott, AZ 86305

North Country HealthCare - Ash Fork

112 Park Avenue, Ash Fork, AZ 86320

North Country HealthCare - Seligman

22585 W. Oak Street, Seligman, AZ 86337

Optima Medical - Prescott Valley South

3151 N Windsong Dr, Prescott Valley, AZ
86314

Polara Health - Windsong Center

3345 N Windsong Dr, Prescott Valley, AZ
86314

Spectrum Healthcare - Cottonwood

651 W. Mingus Ave, Cottonwood, AZ
86326

Spectrum Healthcare - Camp Verde

452 Finnie Flat Rd, Camp Verde, AZ
86323

Spectrum Healthcare - Prescott

3633 Crossings Dr, Prescott, AZ 86305

Yuma County

Horizon Health and Wellness - Yuma

791 S 4th Ave, Yuma, AZ 85364

San Luis Walk-In Clinic - San Luis

1896 E. Babbitt Lane, San Luis, AZ 85349

San Luis Walk-In Clinic - Somerton

950 E. Main St, Bldg. B, Somerton, AZ
85350

Sunset CHC - Somerton

115 N. Somerton Ave, Somerton, AZ
85350

Arizona Loan Repayment Program Sites [current as of 9/6/22]

Yuma County

Sunset CHC - Yuma

2060 W. 24th St, Yuma, AZ 85364

Sunset CHC - Yuma North

675 S. Avenue B, Yuma, AZ 85364

YRMC - Family Medicine Center

2500 S. 8th Ave, Ste. 200, Yuma, AZ
85364

YRMC - Pediatrics

2359 S. 22nd Dr, Suite 2, Yuma, AZ 85364

YRMC - Primary Care Foothills

11142 S Scottsdale Dr, Yuma, AZ 85367

YRMC - Primary Care San Luis

845 East B St, San Luis, AZ 85349
