

Network Analysis

Iowa Dental Wellness Plan MCNA Dental

January 3, 2023

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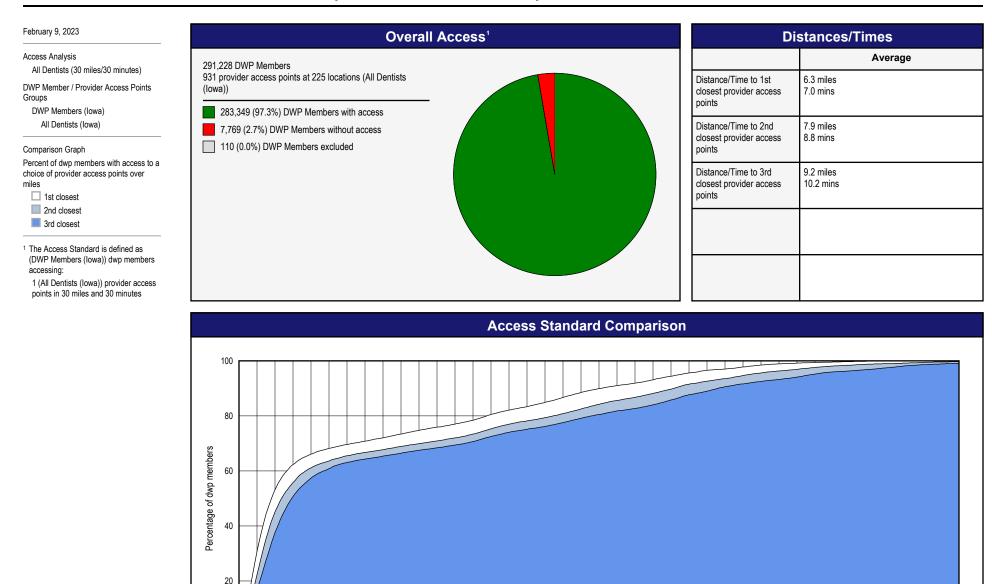
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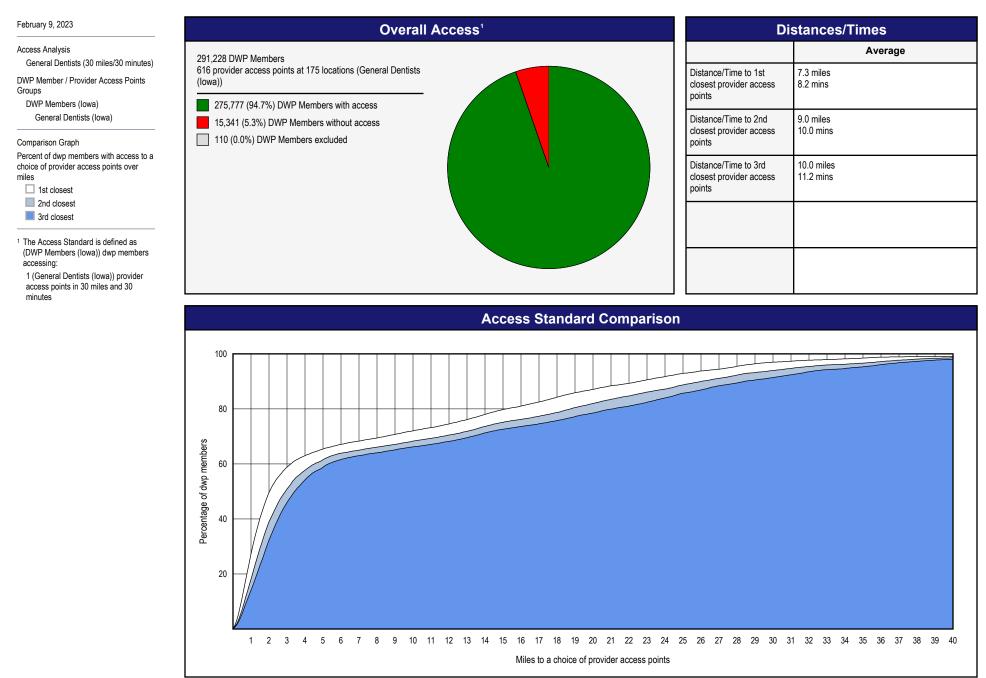
Prosthodontists, DWP Members: Prosthodontists, DWP Members: Primary Care Dentist

Access Overview - All Dentists (30 miles/30 minutes)

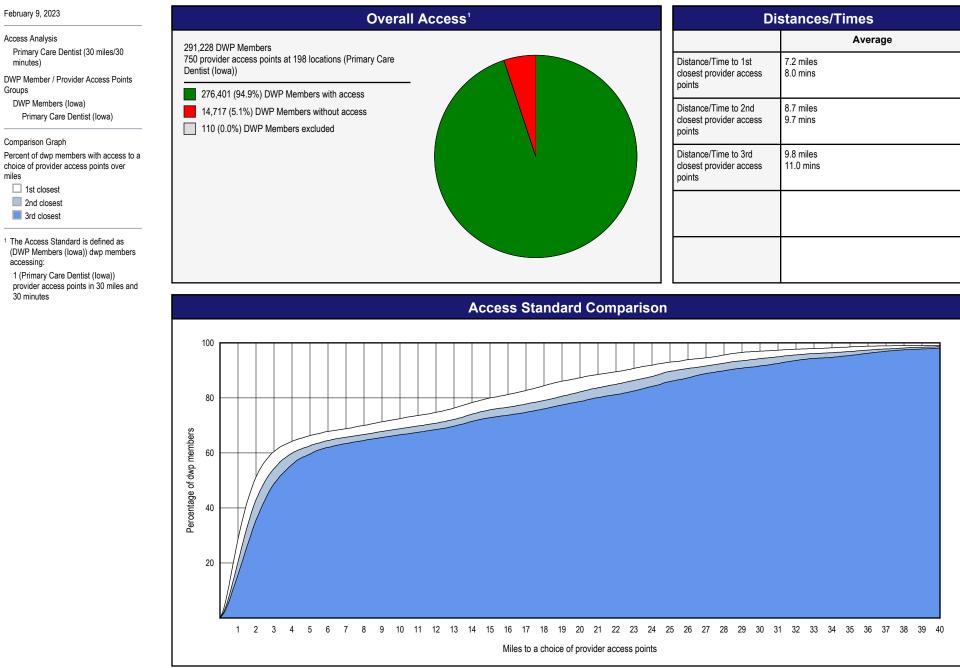


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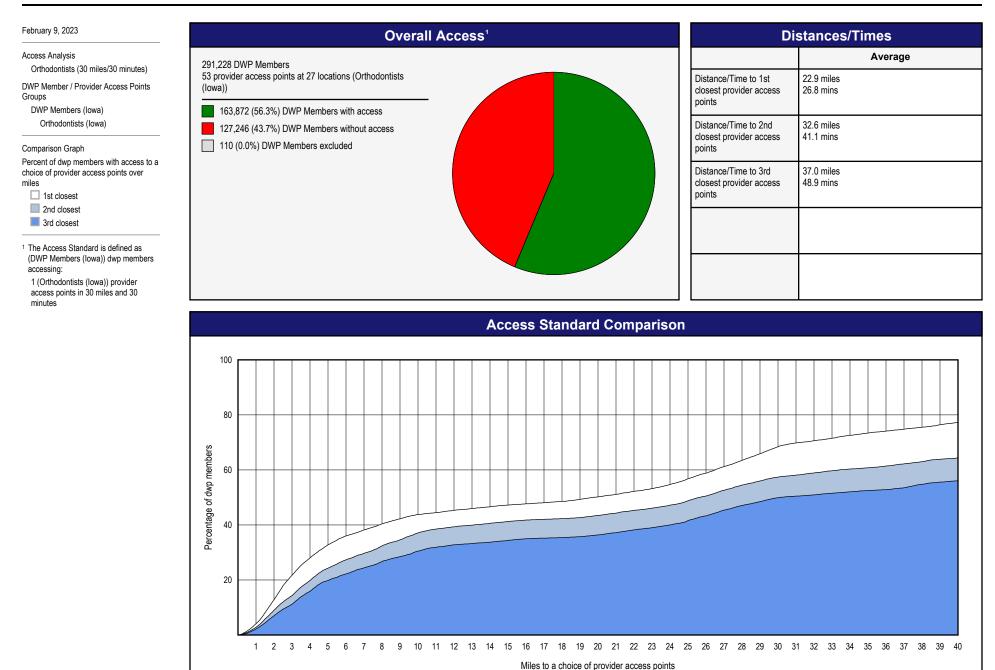
Access Overview - General Dentists (30 miles/30 minutes)



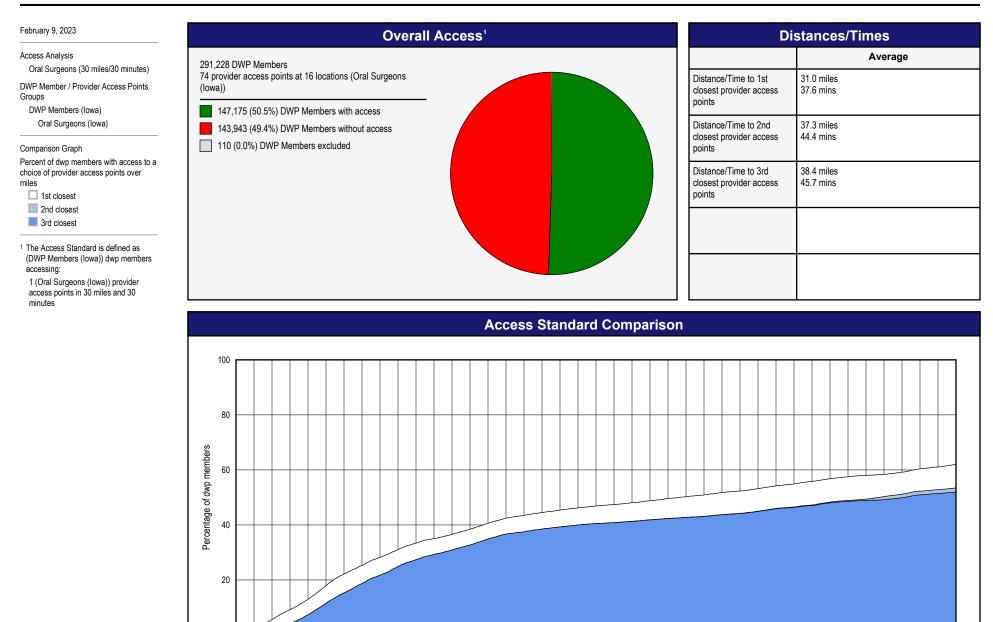
Access Overview - Primary Care Dentist (30 miles/30 minutes)



Access Overview - Orthodontists (30 miles/30 minutes)



Access Overview - Oral Surgeons (30 miles/30 minutes)

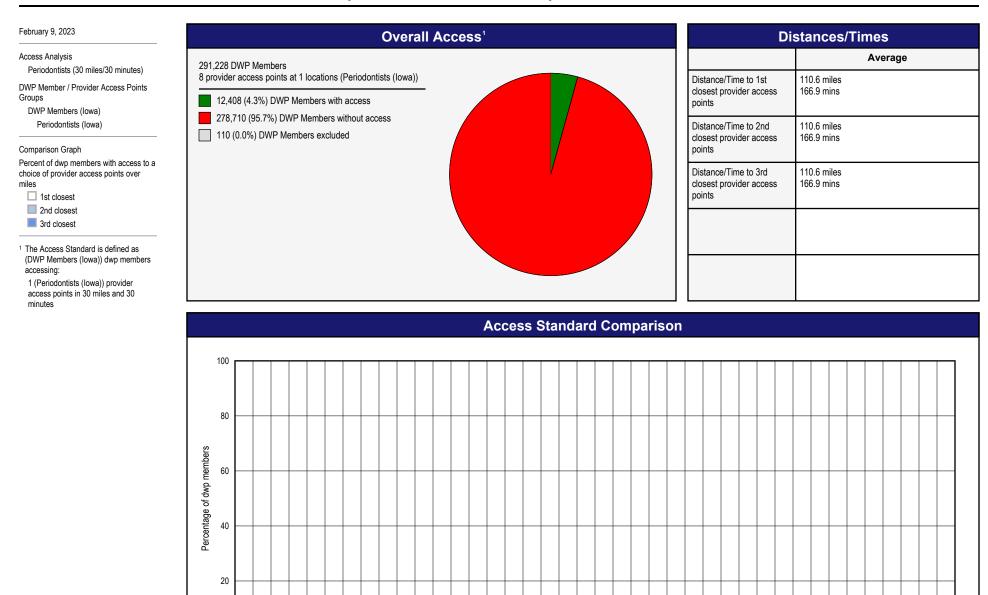


Miles to a choice of provider access points

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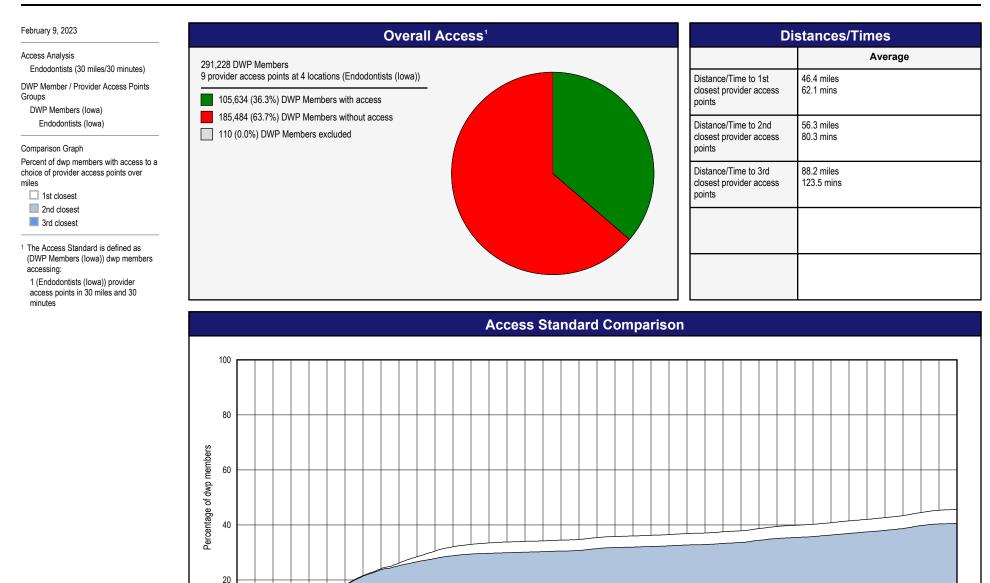
Access Overview - Periodontists (30 miles/30 minutes)

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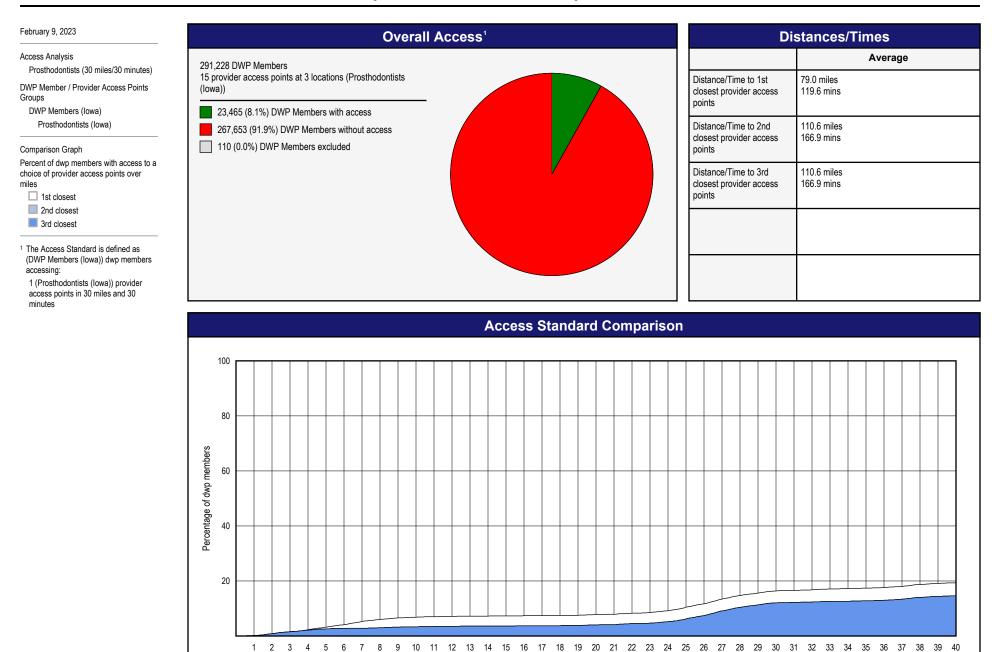
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Access Overview - Endodontists (30 miles/30 minutes)



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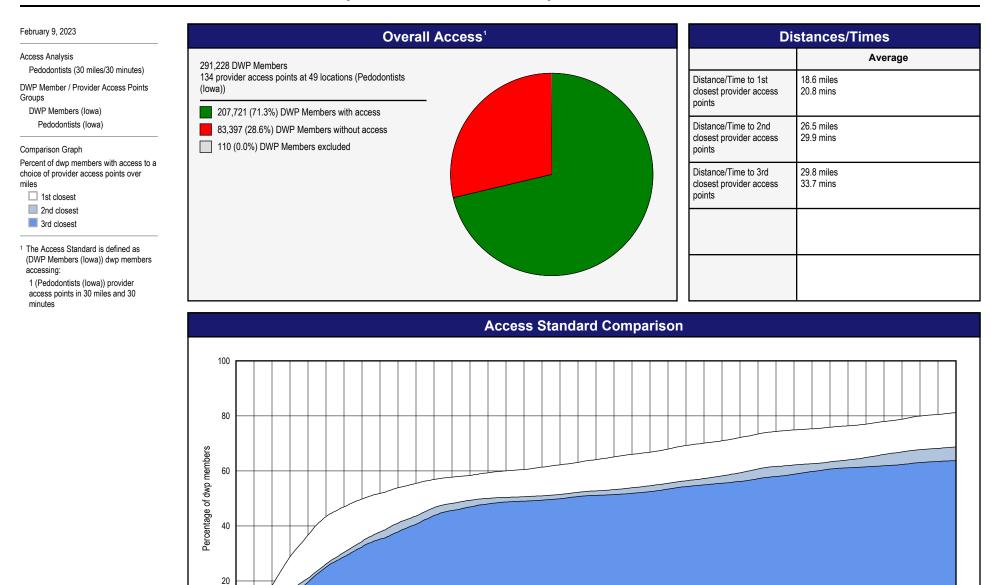
Access Overview - Prosthodontists (30 miles/30 minutes)



Miles to a choice of provider access points

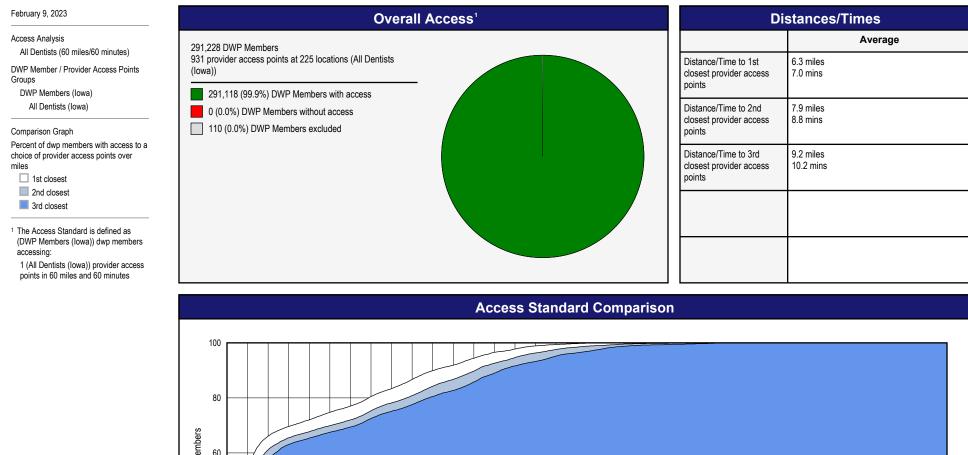


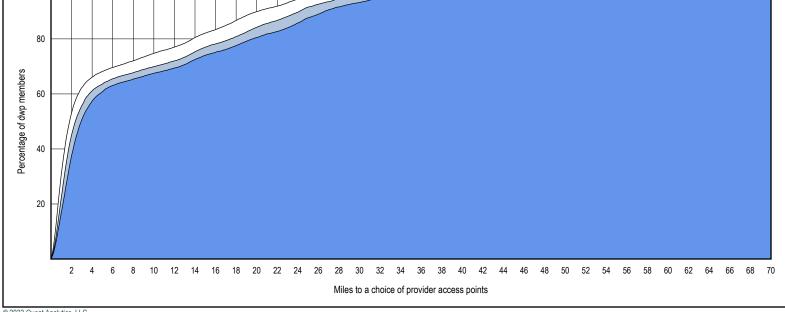
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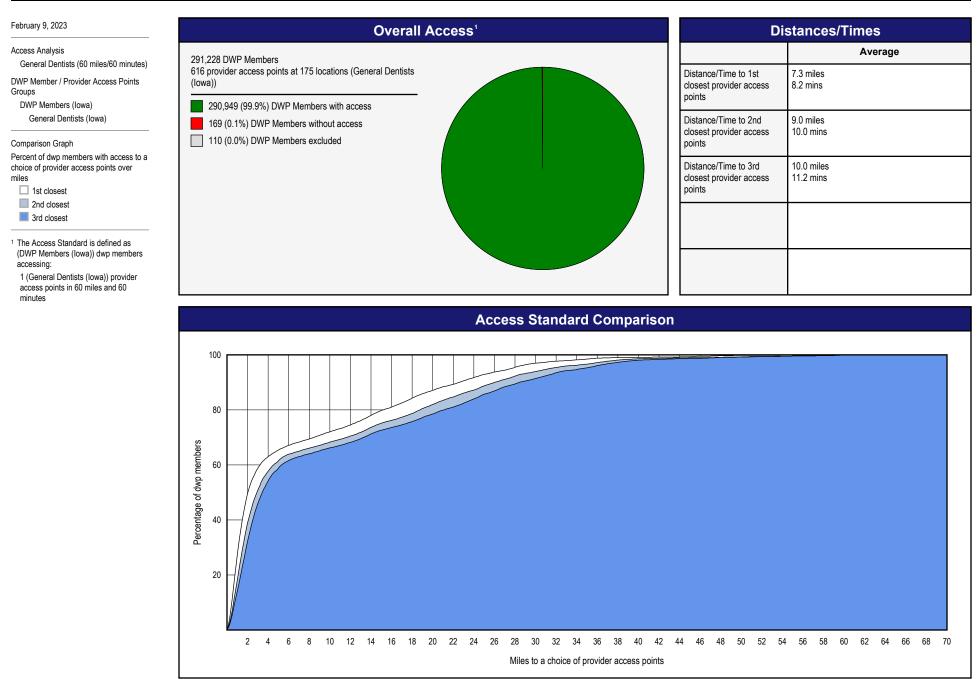
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Access Overview - All Dentists (60 miles/60 minutes)

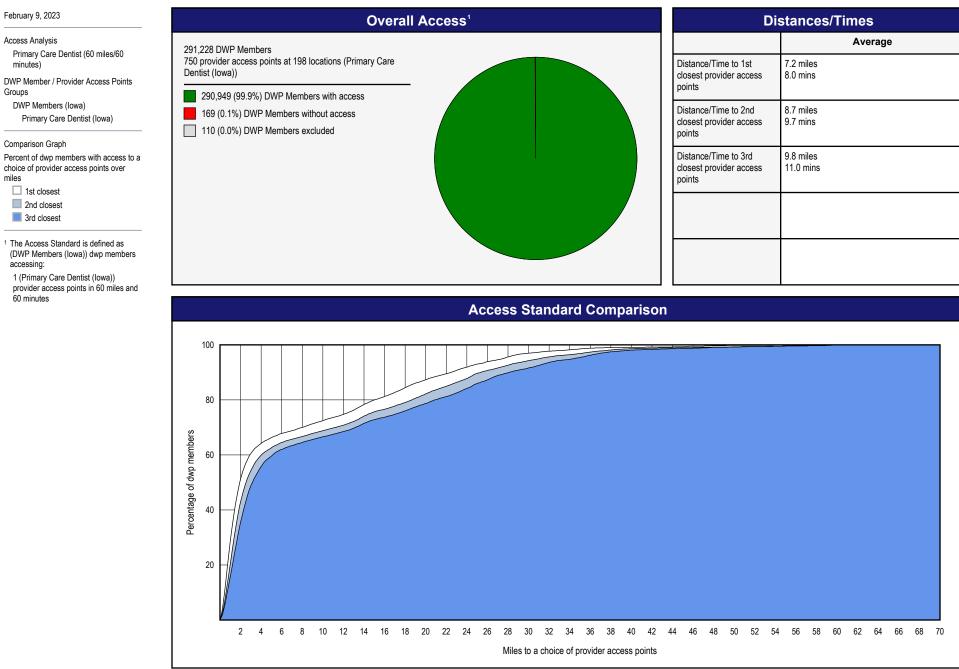




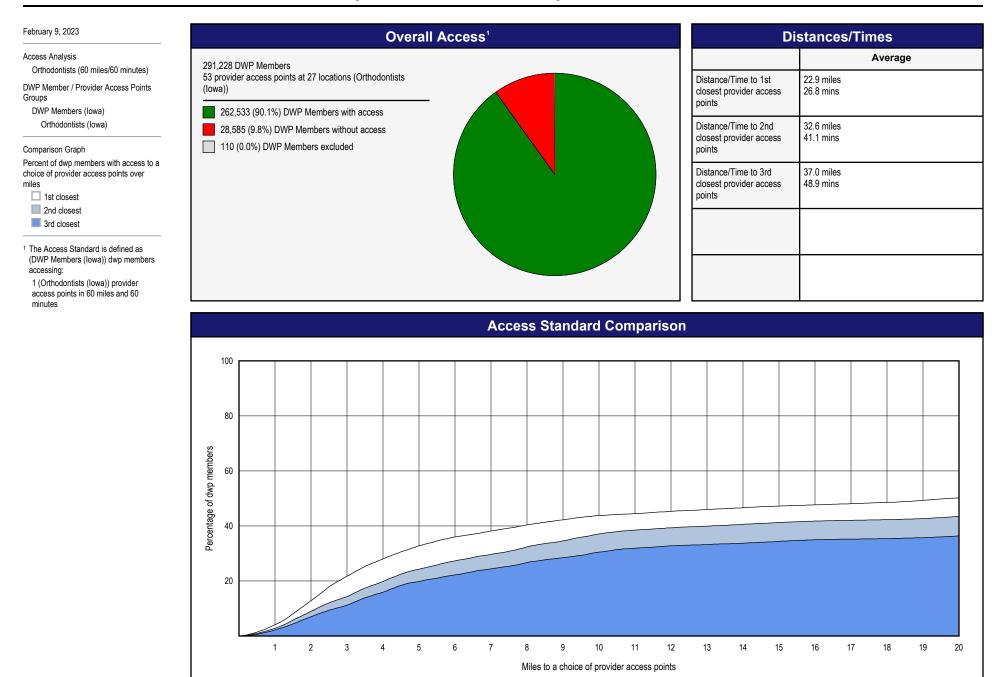
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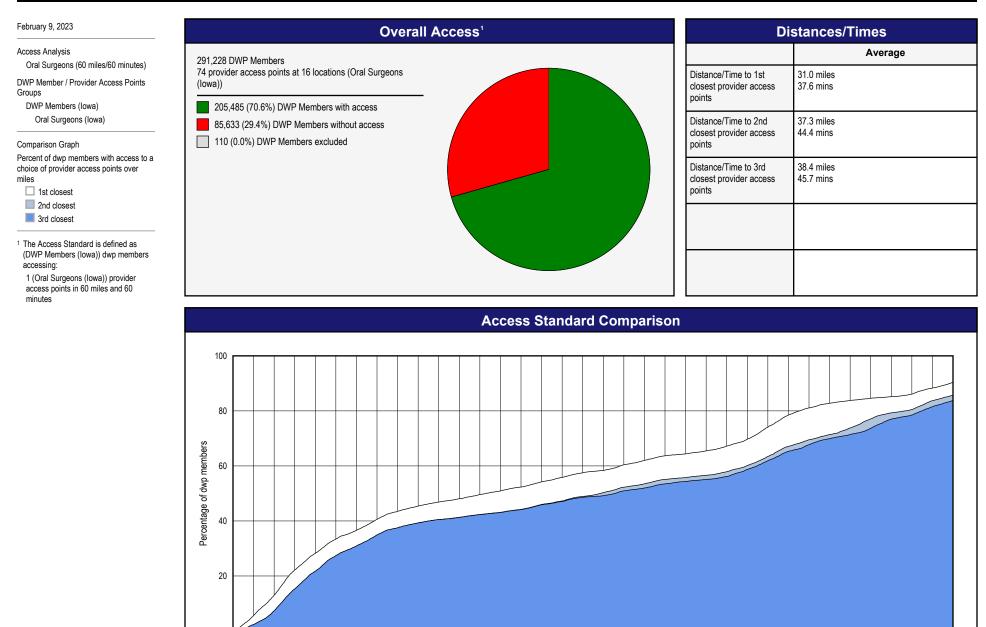
Access Overview - Primary Care Dentist (60 miles/60 minutes)



Access Overview - Orthodontists (60 miles/60 minutes)



Access Overview - Oral Surgeons (60 miles/60 minutes)

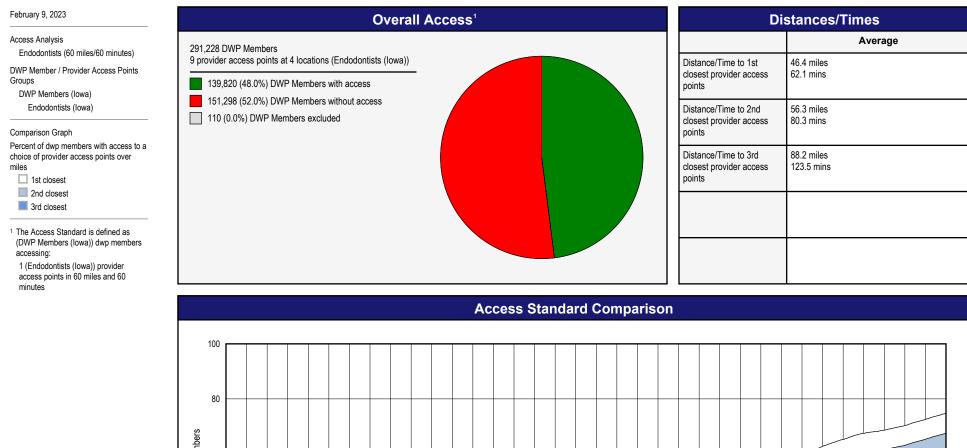


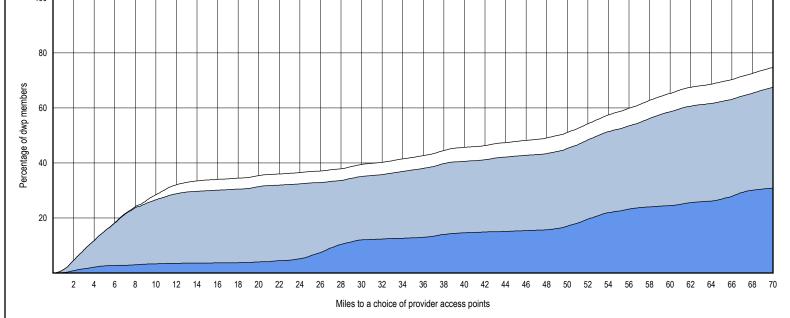
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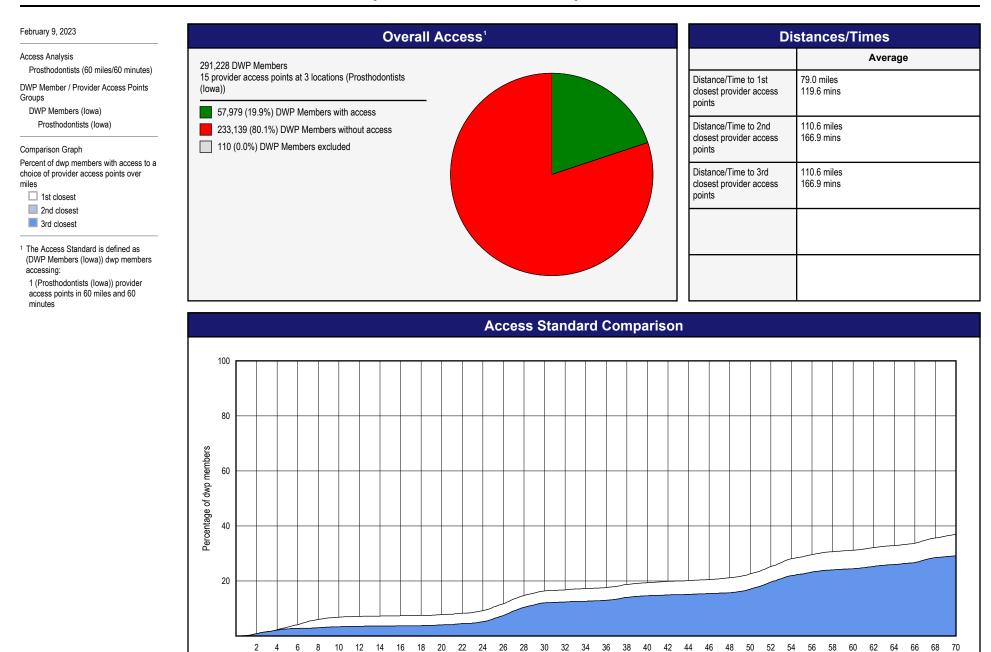
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Access Overview - Endodontists (60 miles/60 minutes)



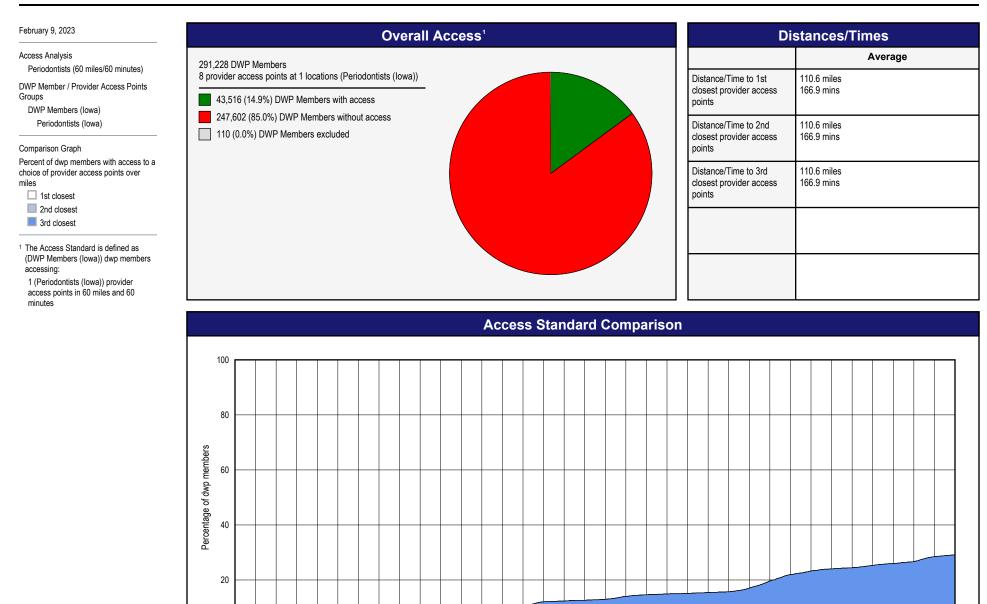


Access Overview - Prosthodontists (60 miles/60 minutes)



Miles to a choice of provider access points

Access Overview - Periodontists (60 miles/60 minutes)



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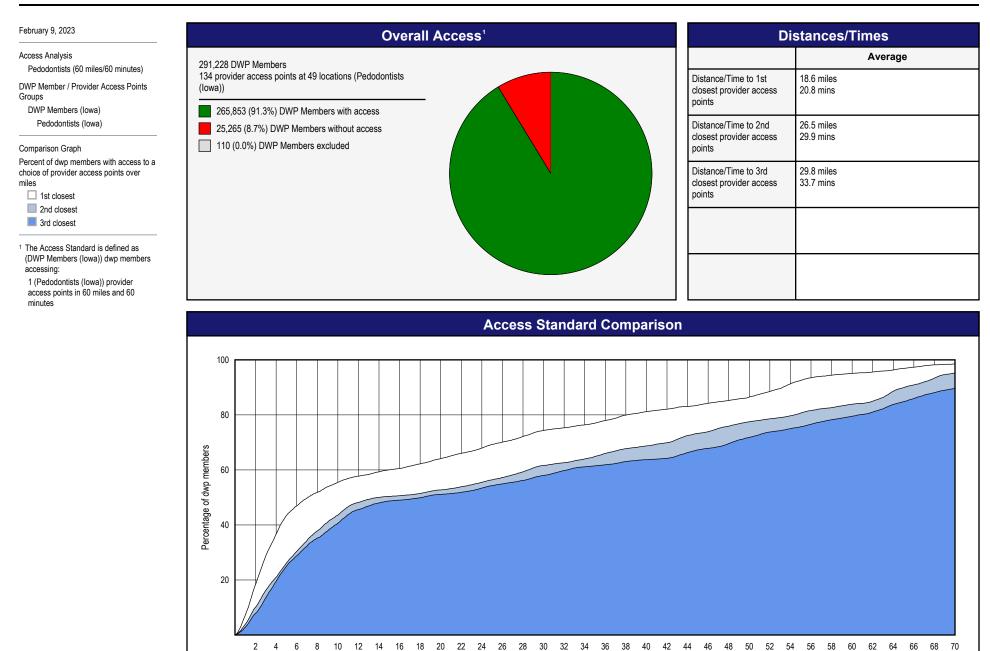
Miles to a choice of provider access points

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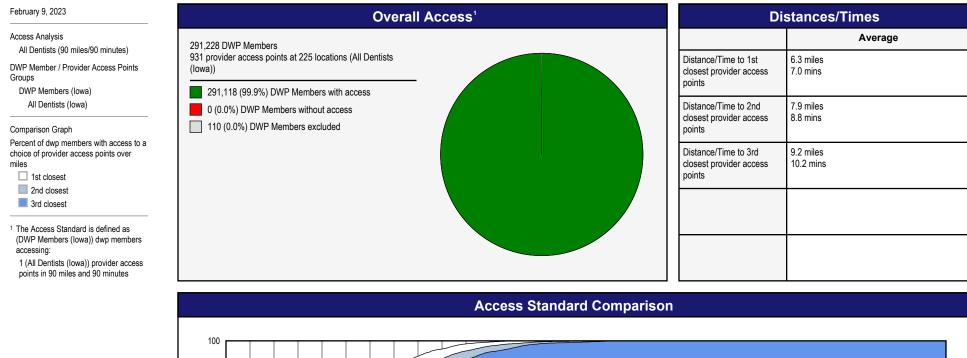
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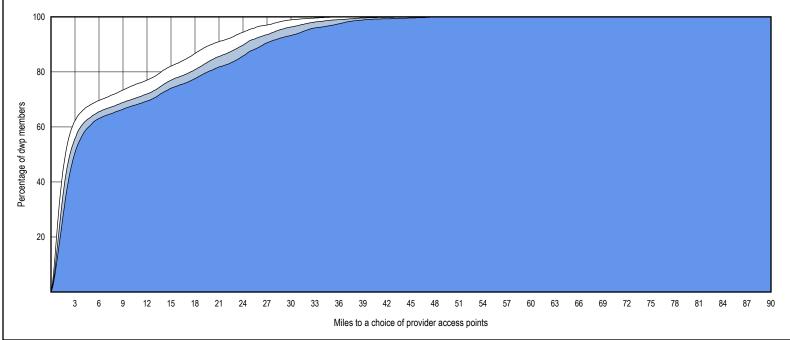
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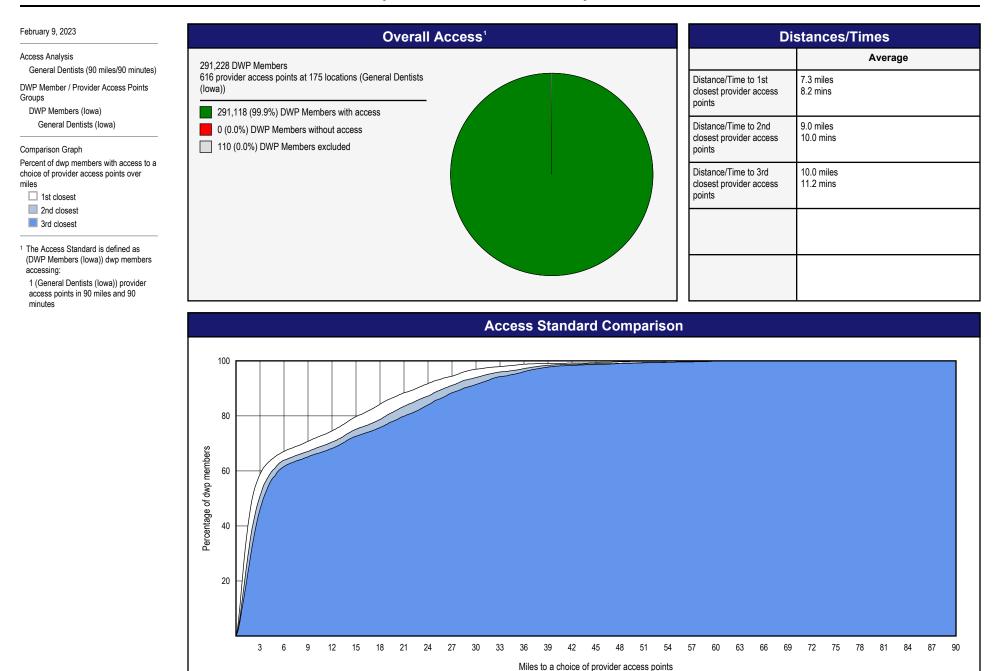
Miles to a choice of provider access points

Access Overview - All Dentists (90 miles/90 minutes)

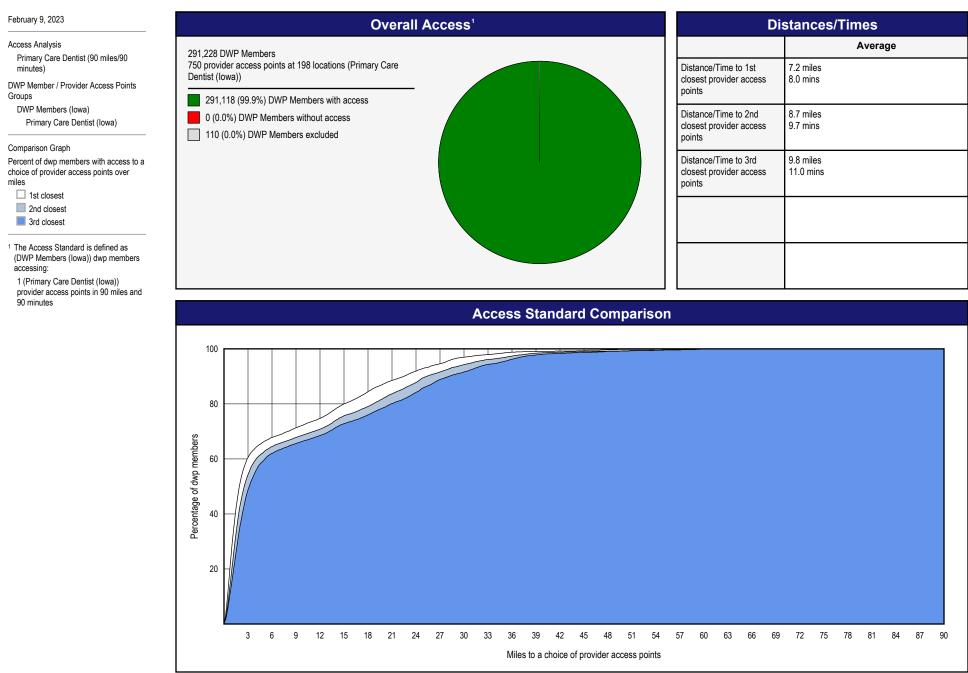




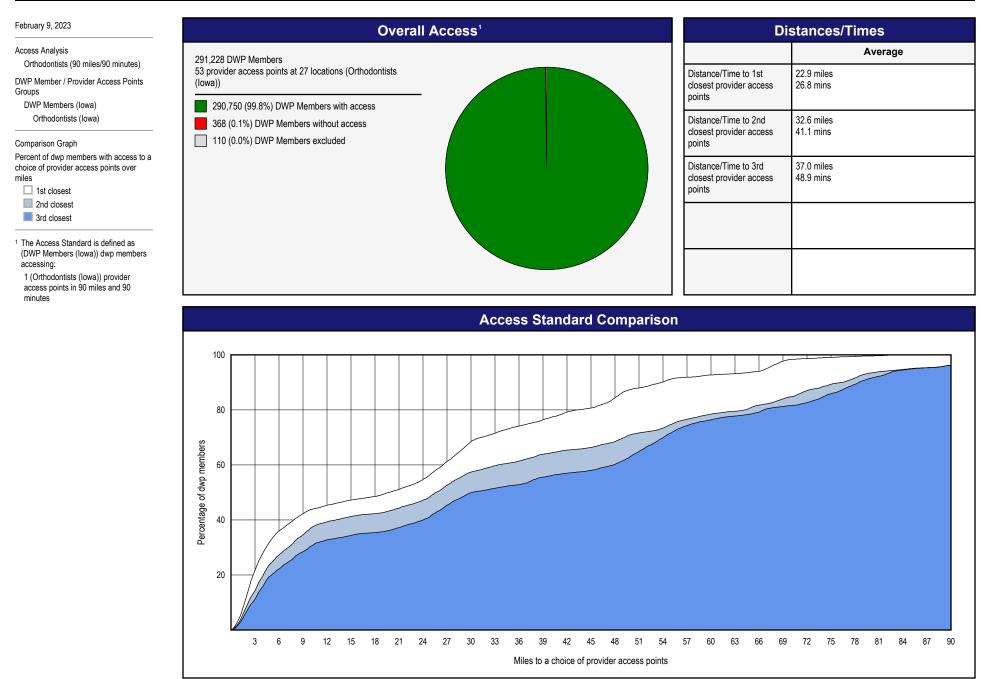
Access Overview - General Dentists (90 miles/90 minutes)



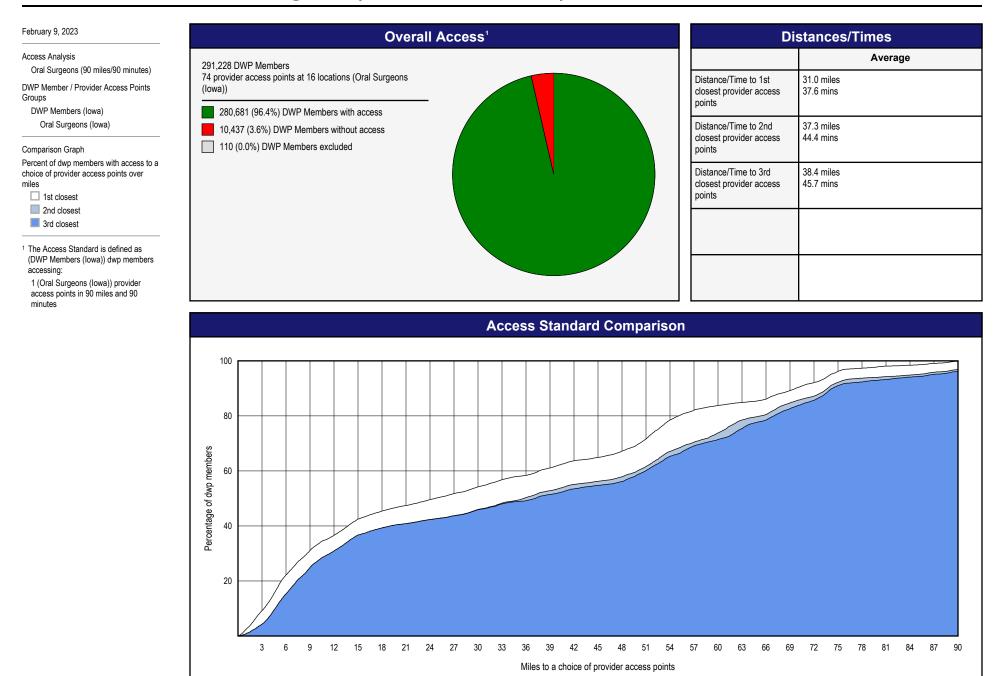
Access Overview - Primary Care Dentist (90 miles/90 minutes)



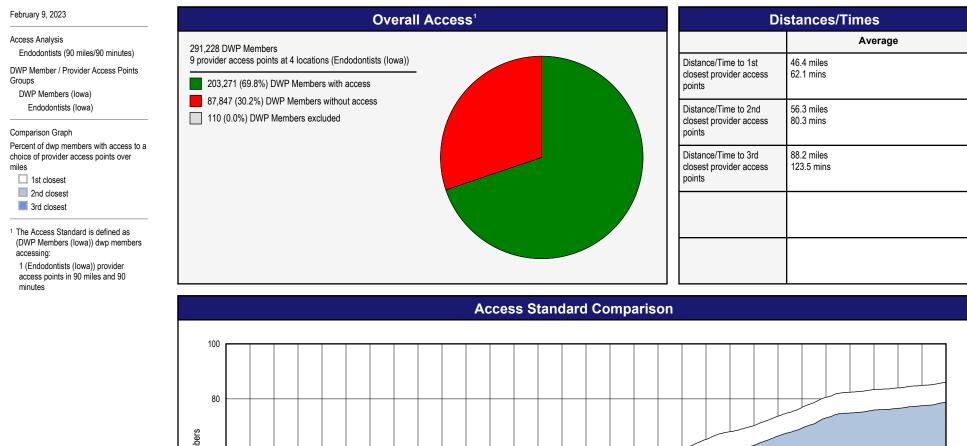
Access Overview - Orthodontists (90 miles/90 minutes)

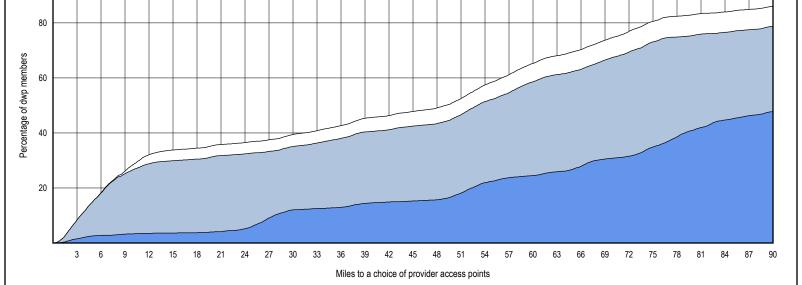


Access Overview - Oral Surgeons (90 miles/90 minutes)

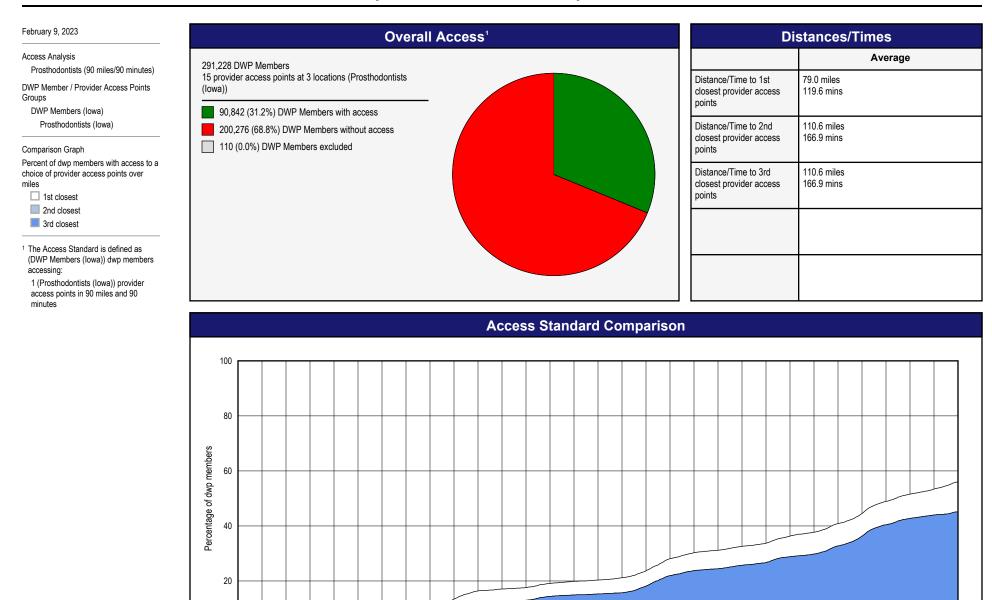


Access Overview - Endodontists (90 miles/90 minutes)





Access Overview - Prosthodontists (90 miles/90 minutes)



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6 9 12 15 18

3

21 24

27 30 33 36 39 42 45 48 51 54 57 60 63 66 69

Miles to a choice of provider access points

72 75

78

81 84 87 90

Access Overview - Periodontists (90 miles/90 minutes)

6 9 12 15 18

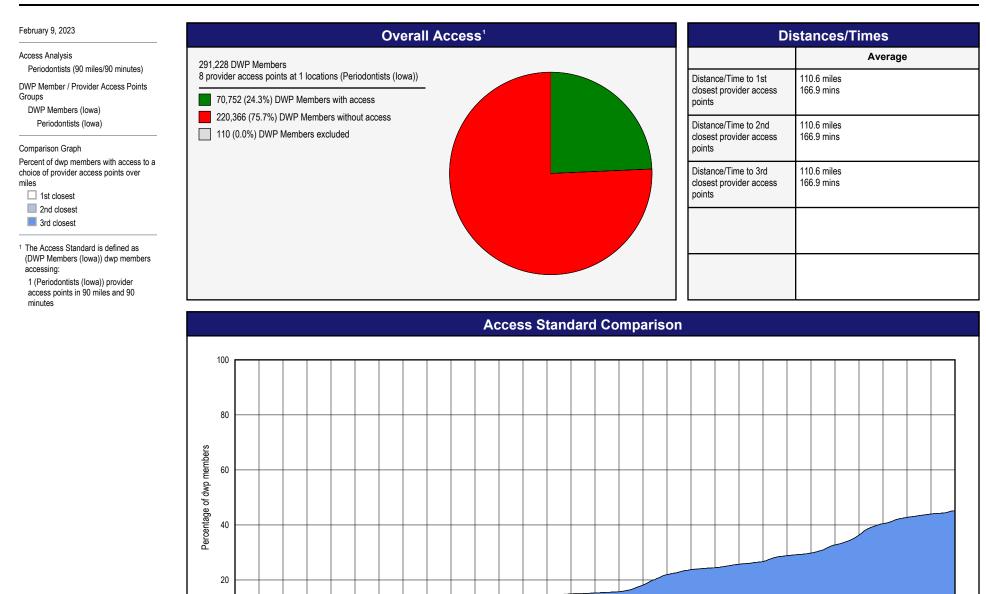
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21 24

27 30 33 36 39 42 45 48 51 54 57 60 63 66 69

Miles to a choice of provider access points



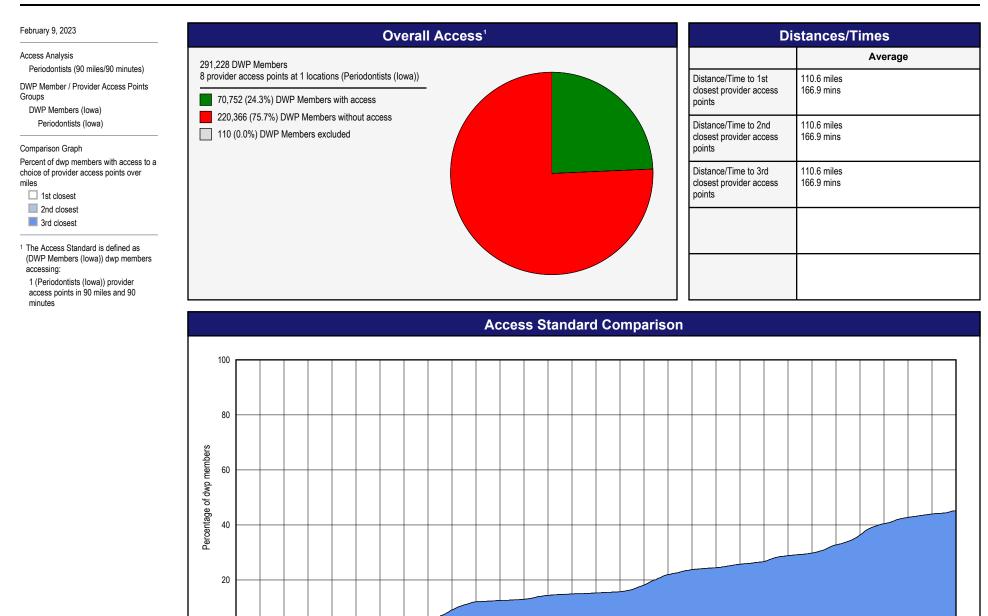
72 75 78

81

84 87

90

Access Overview - Pedodontists (90 miles/90 minutes)



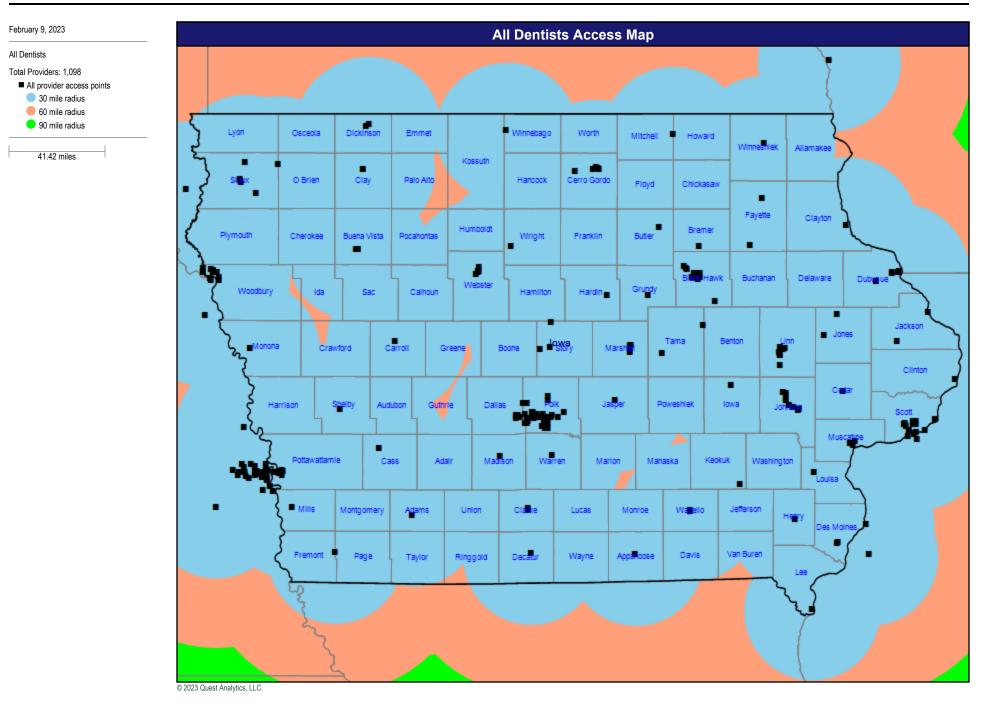


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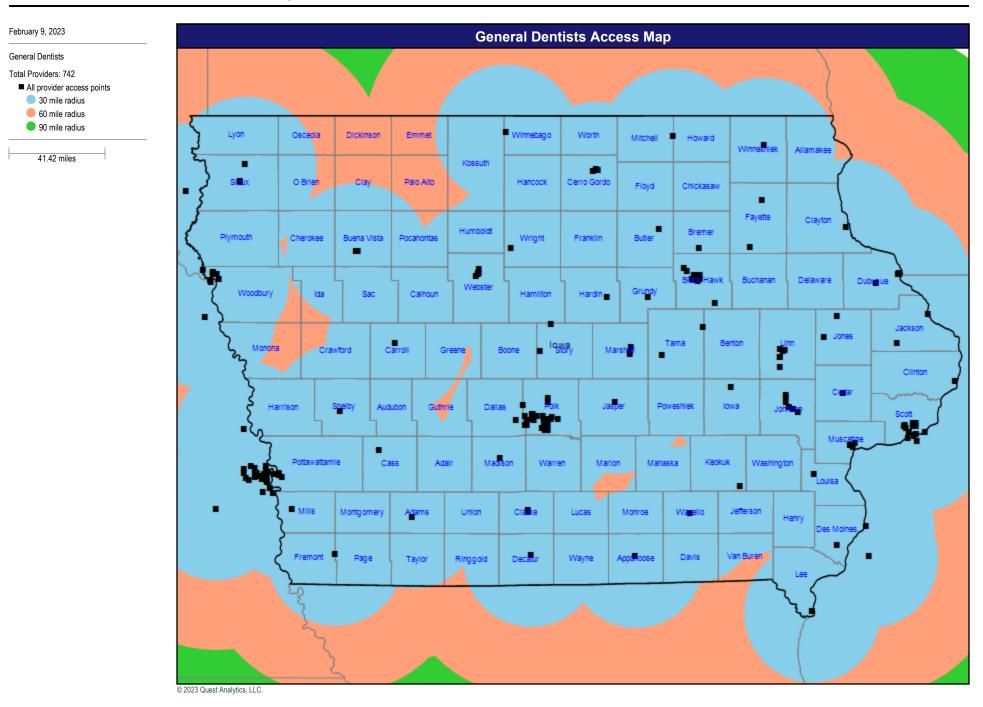
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Network Analysis All Dentists Access Map



Network Analysis General Dentists Access Map



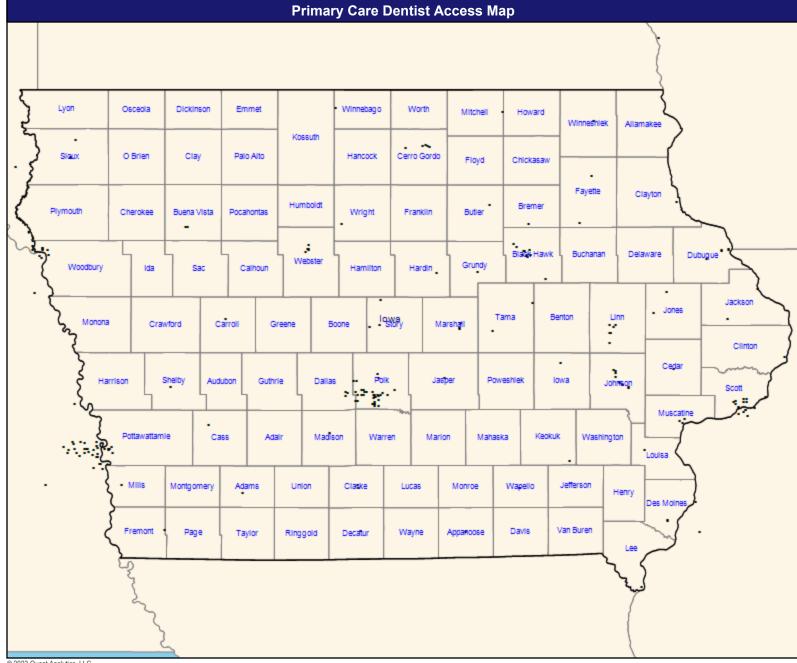
Network Analysis Primary Care Dentist Access Map

February 9, 2023 Primary Care Dentist

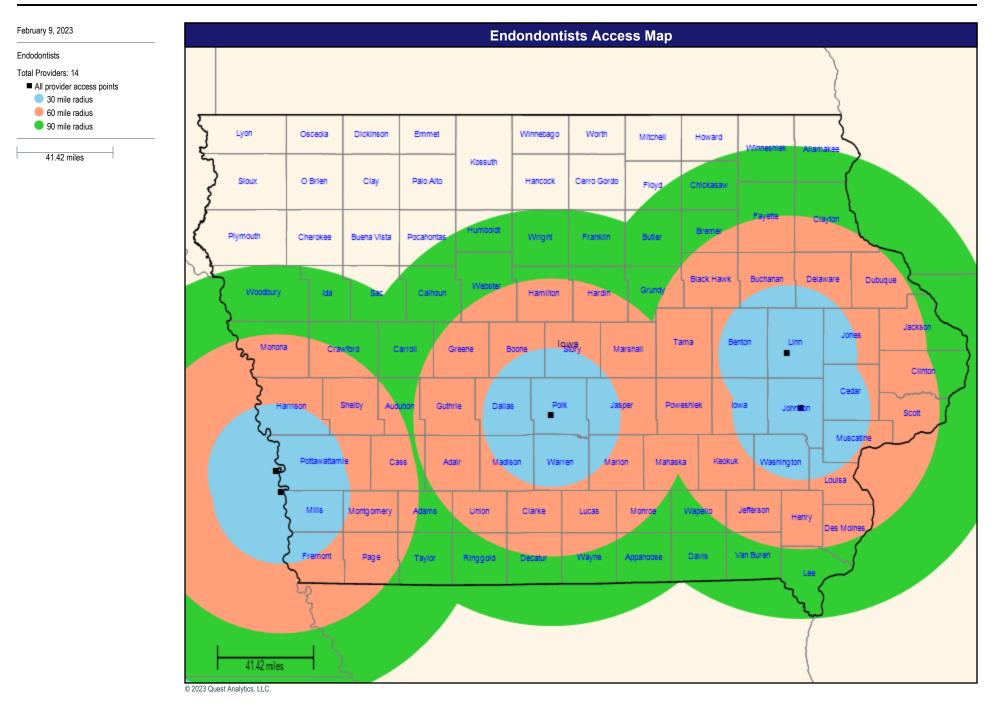
Total Providers: 887

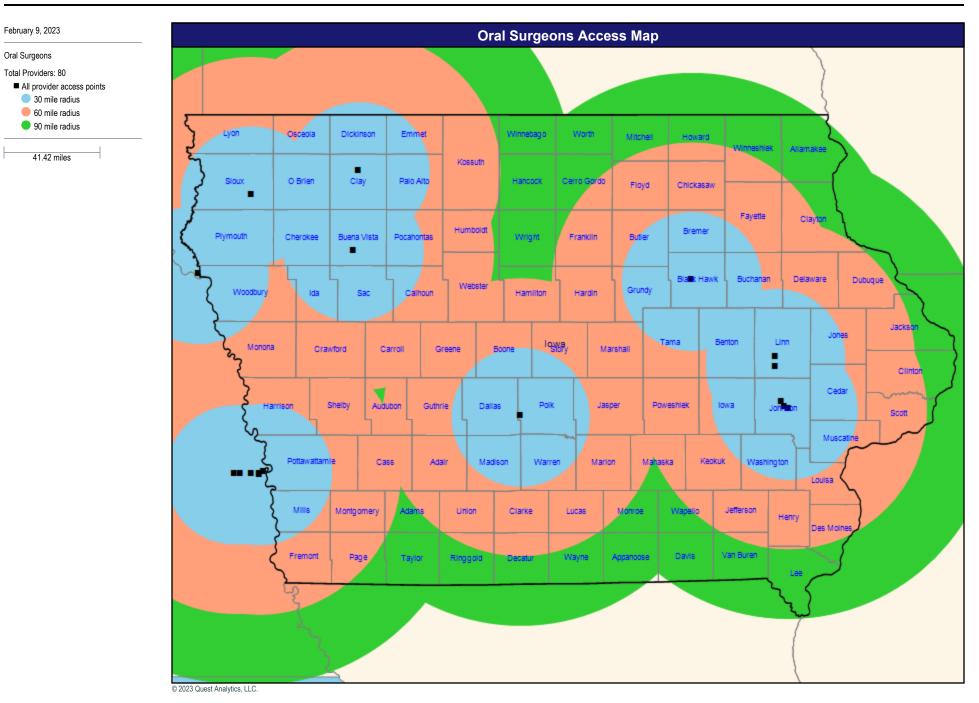
All provider access points

41.42 miles

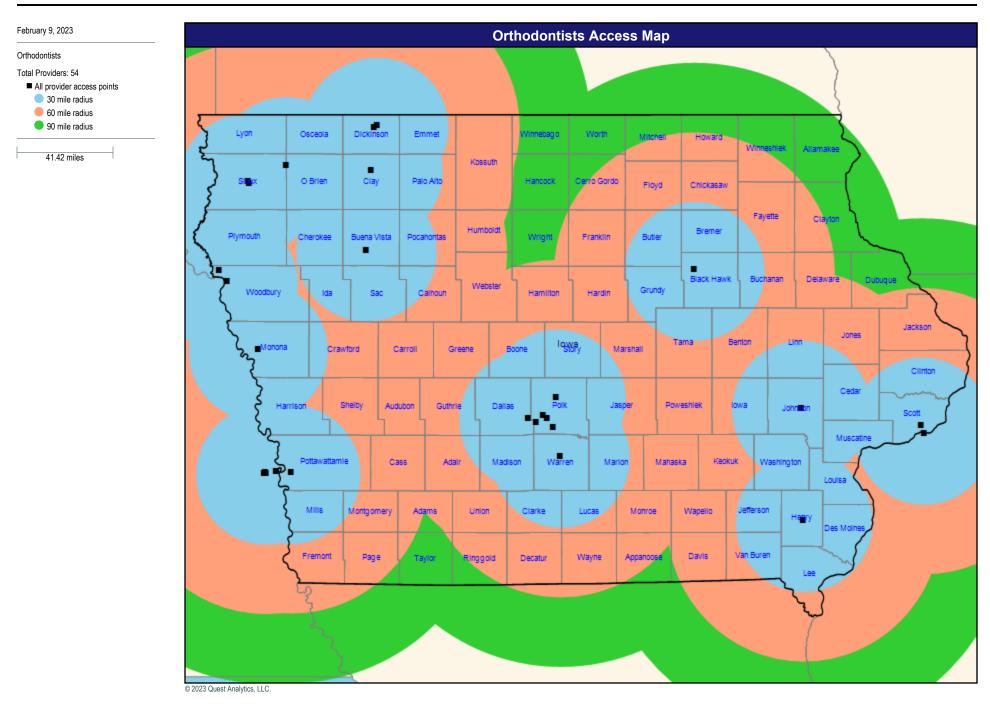


Network Analysis Endodontists Access Map

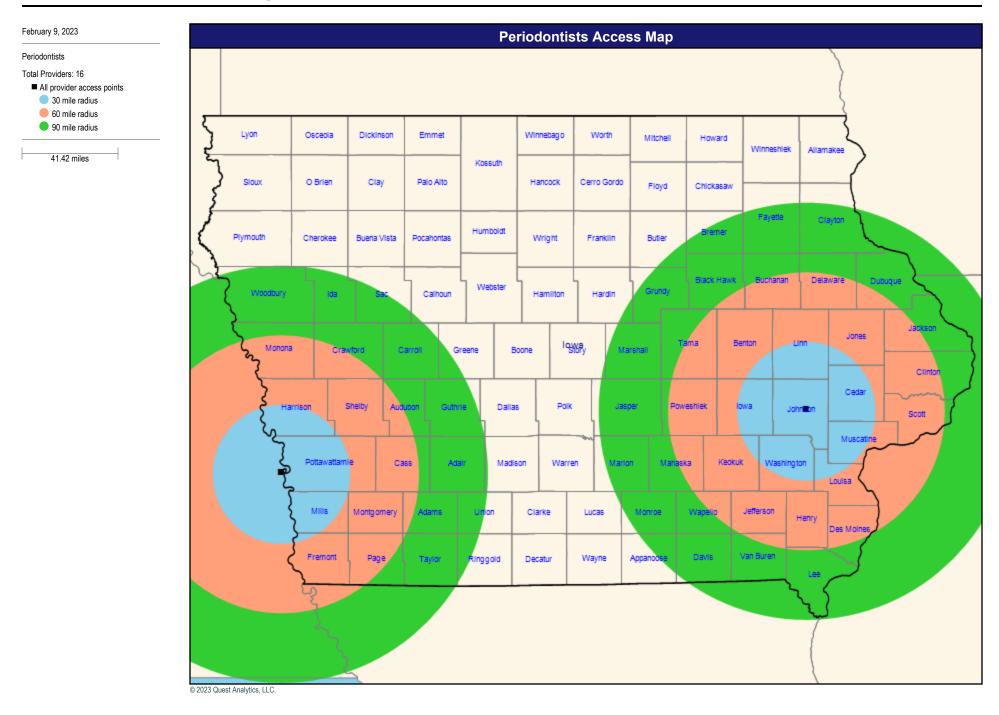




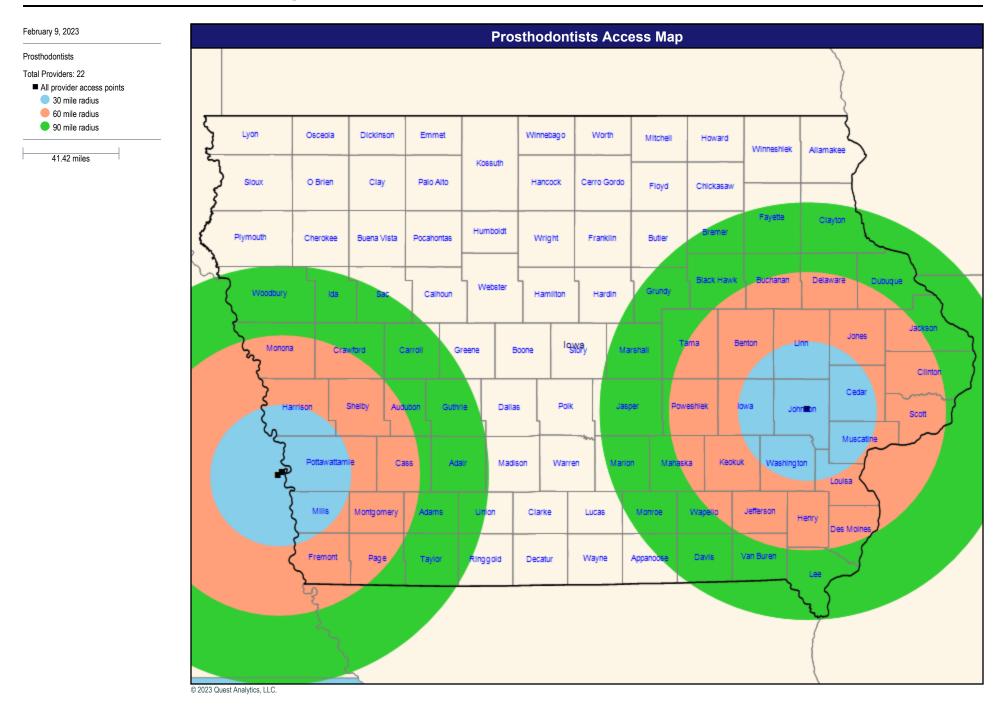
Network Analysis Orthodontists Access Map



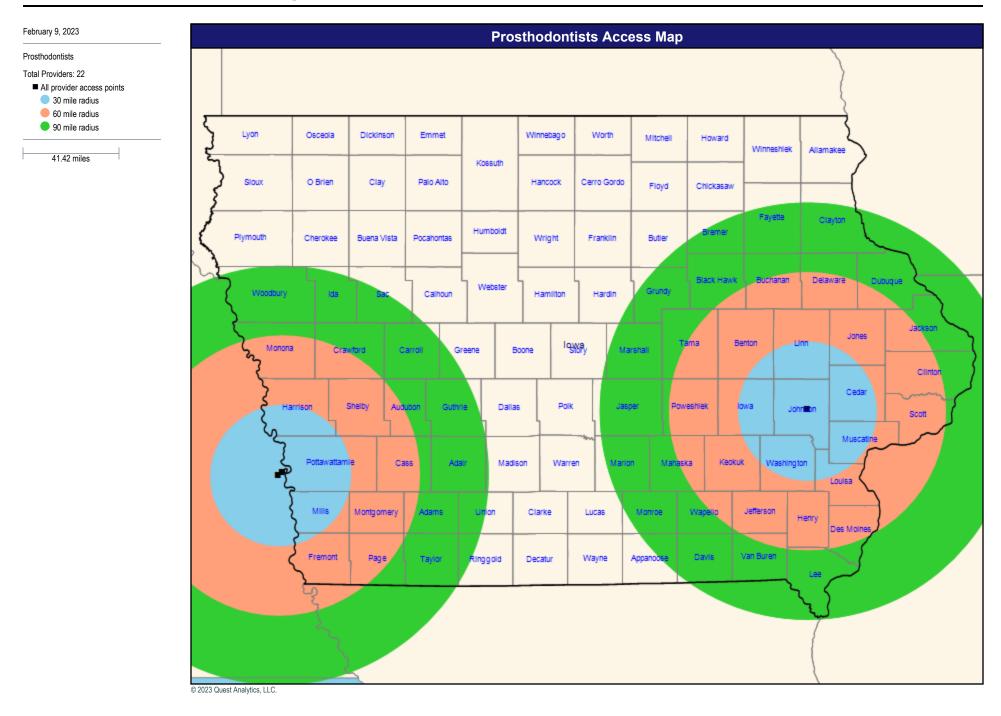
Network Analysis Periodontists Access Map



Network Analysis Prosthodontists Access Map



Network Analysis Prosthodontists Access Map



Access Summary By County

February 9, 2023	All DWP Members													
Access Analysis	DWP Member		Provider		With Access		Without Access		Counts ¹			Average Distance		
All Access	Group	#	Group	Standard	#	%	#	%	#	Р	L	1	2	3
DWP Member Group DWP Members (Iowa)	DWP Members	291,118	General Dentists	1 in 30 miles and 30 m	275,777	94.7	15,341	5.3	616	616	175	7.3	9.0	10.0
Provider Group			General Dentists General Dentists	1 in 60 miles and 60 m 1 in 90 miles and 90 m	290,949 291,118			0.1	616 616	616 616	175 175	7.3 7.3	9.0 9.0	10.0 10.0
General Dentists (Iowa) Primary Care Dentist (Iowa)			Primary Care Dentist	1 in 90 miles and 90 m	291,118			0.0	750	750	198	7.2	8.7	9.8
Endodontists (lowa)			Endodontists	1 in 30 miles and 30 m	105,634	36.3	185,484	63.7	9	9	4	46.4	56.3	88.2
Oral Surgeons (Iowa)			Endodontists	1 in 60 miles and 60 m	139,820	48.0	151,298	52.0	9	9	4	46.4	56.3	88.2
Orthodontists (Iowa)			Endodontists	1 in 90 miles and 90 m	203,271	69.8	87,847	30.2	9	9	4	46.4	56.3	88.2
Periodontists (Iowa)			Oral Surgeons	1 in 30 miles and 30 m	147,175	50.6	143,943	49.4	74	74	16	31.0	37.3	38.4
Prosthodontists (Iowa)			Oral Surgeons	1 in 60 miles and 60 m	205,485	70.6	85,633	29.4	74	74	16	31.0	37.3	38.4
			Oral Surgeons	1 in 90 miles and 90 m	280,681	96.4	10,437	3.6	74	74	16	31.0	37.3	38.4
 Provider counts represent: #: Provider access points 			Orthodontists	1 in 30 miles and 30 m	163,872	56.3	127,246	43.7	53	53	27	22.9	32.6	37.0
P: Unique providers			Orthodontists	1 in 60 miles and 60 m	262,533	90.2	28,585	9.8	53	53	27	22.9	32.6	37.0
L: Unique provider locations			Orthodontists	1 in 90 miles and 90 m	290,750	99.9	368	0.1	53	53	27	22.9	32.6	37.0
			Periodontists	1 in 30 miles and 30 m	12,408	4.3	278,710	95.7	8	8	1	110.6	110.6	110.6
** These records have been excluded			Periodontists	1 in 60 miles and 60 m	43,516	14.9	247,602	85.1	8	8	1	110.6	110.6	110.6
from the analysis because of invalid zip codes.			Periodontists	1 in 90 miles and 90 m	70,752	24.3	220,366	75.7	8	8	1	110.6	110.6	110.6
600ES.			Prosthodontists	1 in 30 miles and 30 m	23,465	8.1	267,653	91.9	15	15	3	79.0	110.6	110.6
			Prosthodontists	1 in 60 miles and 60 m	57,979	19.9	233,139	80.1	15	15	3	79.0	110.6	110.6
			Prosthodontists	1 in 90 miles and 90 m	90,842	31.2	200,276	68.8	15	15	3	79.0	110.6	110.6

Key Geographic Areas													
	DWP Memb	er	P	With Access		Without Ac	Average Distance						
County	Group	#	Group	Standard	#	%	#	%	1	2	3		
Polk, IA	DWP Members	51,215	General Dentists	1 in 30 miles and 30 mins	51,215	100.0	0	0.0	1.6	2.0	2.2		
			General Dentists	1 in 60 miles and 60 mins	51,215	100.0	0	0.0	1.6	2.0	2.2		
			General Dentists	1 in 90 miles and 90 mins	51,215	100.0	0	0.0	1.6	2.0	2.2		
			Primary Care Dentist	1 in 90 miles and 90 mins	51,215	100.0	0	0.0	1.5	1.8	2.1		
			Endodontists	1 in 30 miles and 30 mins	51,188	99.9	27	0.1	5.6	5.6	107.8		
			Endodontists	1 in 60 miles and 60 mins	51,215	100.0	0	0.0	5.6	5.6	107.8		
			Endodontists	1 in 90 miles and 90 mins	51,215	100.0	0	0.0	5.6	5.6	107.8		
			Oral Surgeons	1 in 30 miles and 30 mins	51,129	99.8	86	0.2	10.7	10.7	10.7		
			Oral Surgeons	1 in 60 miles and 60 mins	51,215	100.0	0	0.0	10.7	10.7	10.7		
			Oral Surgeons	1 in 90 miles and 90 mins	51,215	100.0	0	0.0	10.7	10.7	10.7		
			Orthodontists	1 in 30 miles and 30 mins	51,215	100.0	0	0.0	3.9	4.4	4.6		
			Orthodontists	1 in 60 miles and 60 mins	51,215	100.0	0	0.0	3.9	4.4	4.6		
			Orthodontists	1 in 90 miles and 90 mins	51,215	100.0	0	0.0	3.9	4.4	4.6		
			Periodontists	1 in 30 miles and 30 mins	0	0.0	51,215	100.0	110.0	110.0	110.0		
			Periodontists	1 in 60 miles and 60 mins	0	0.0	51,215	100.0	110.0	110.0	110.0		
			Periodontists	1 in 90 miles and 90 mins	0	0.0	51,215	100.0	110.0	110.0	110.0		