Network Access Analysis

Hawki Delta Dental of Iowa

SFY22 Q3

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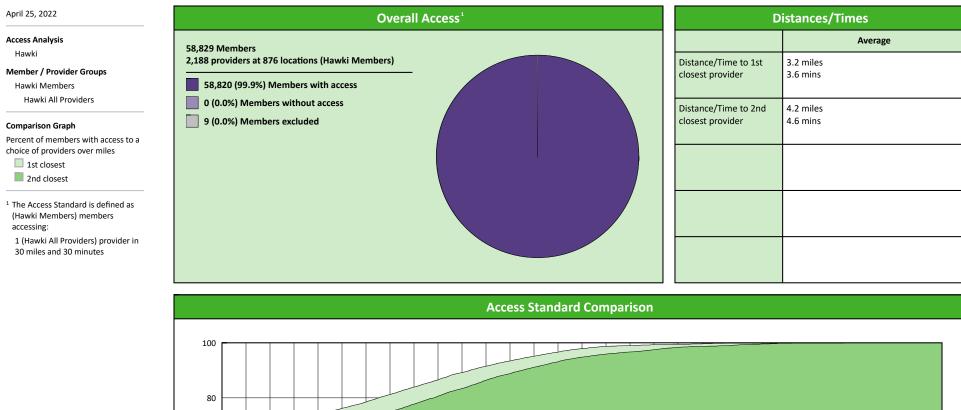
Hawki Endodontist Access Map

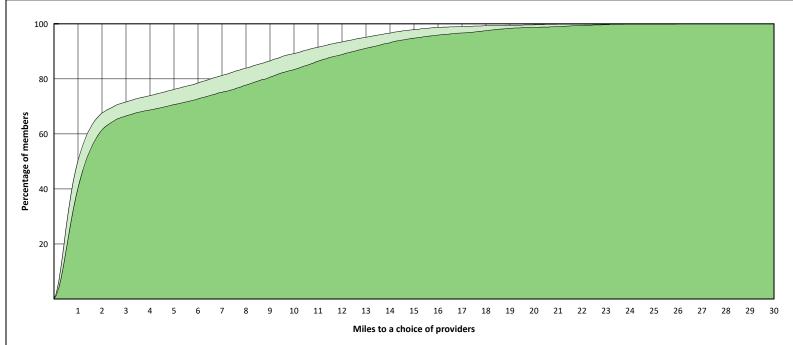
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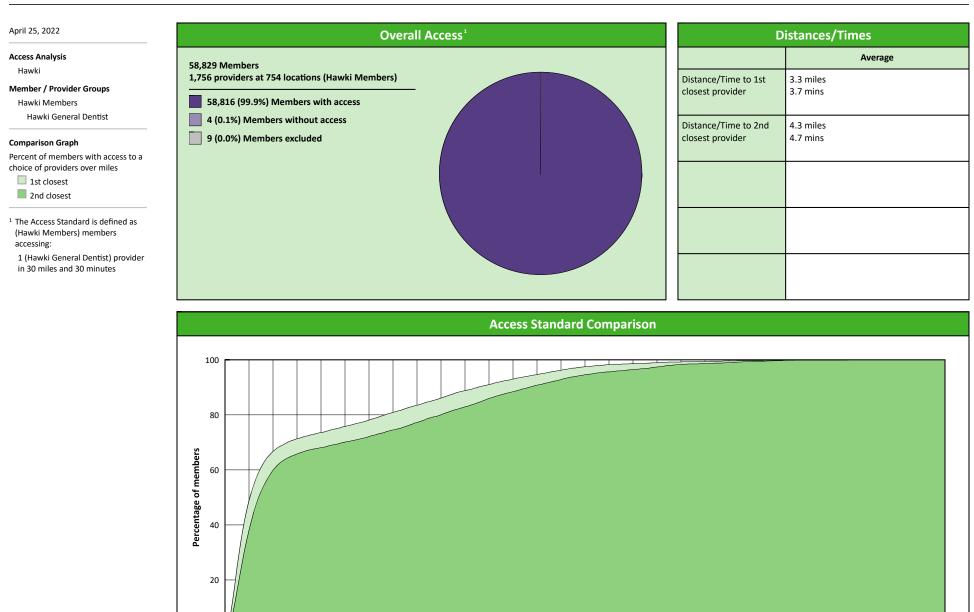
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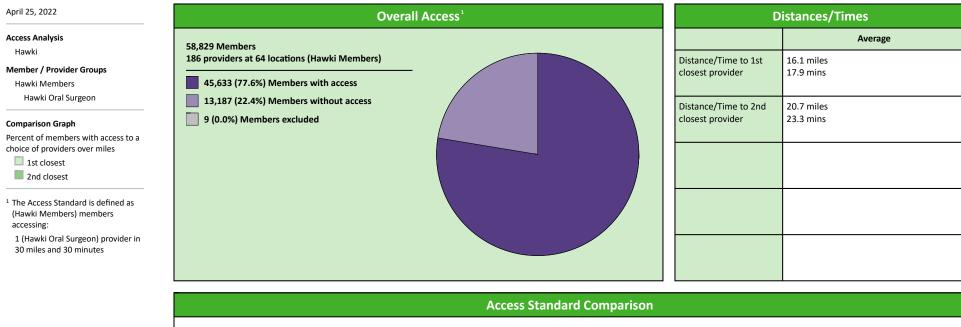


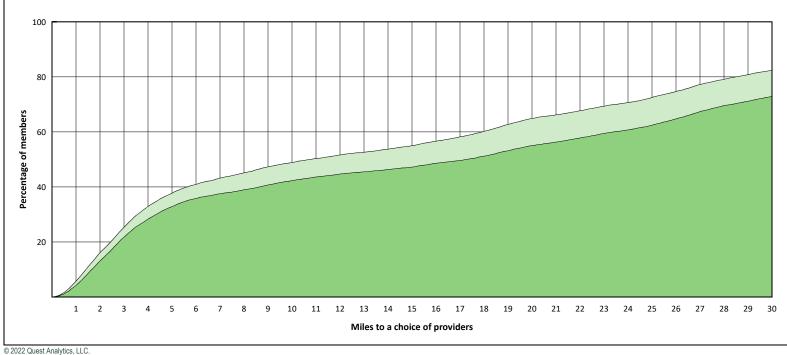
Access Overview 30 Miles General Dentist



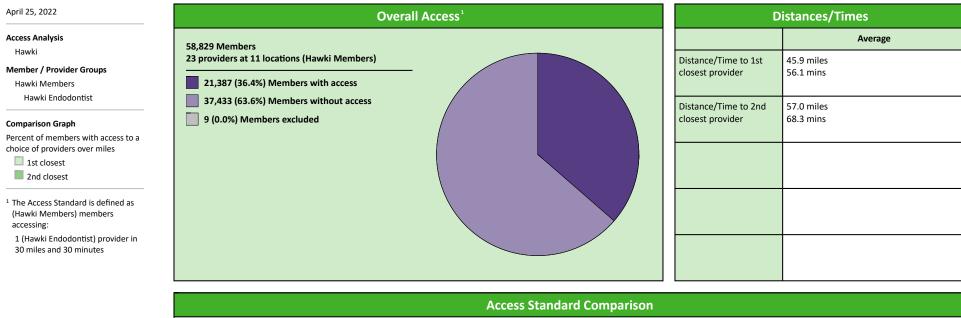


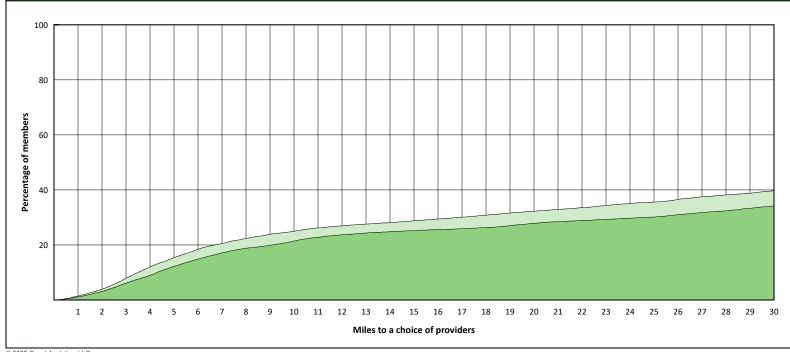
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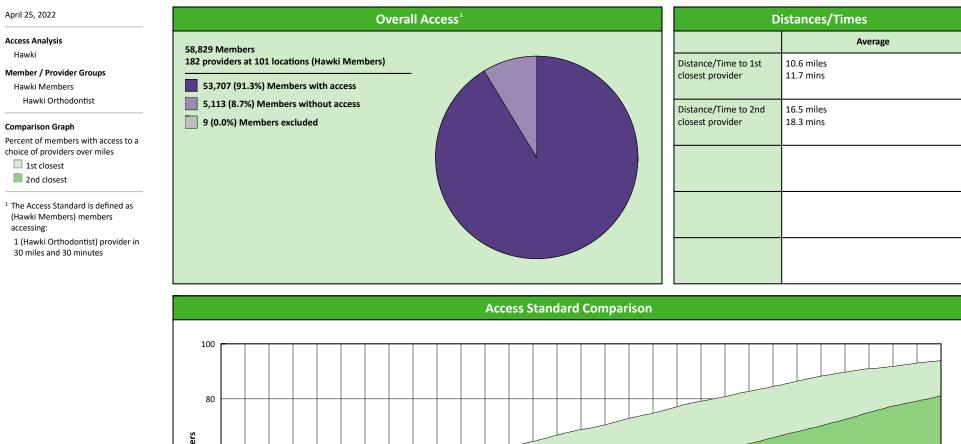


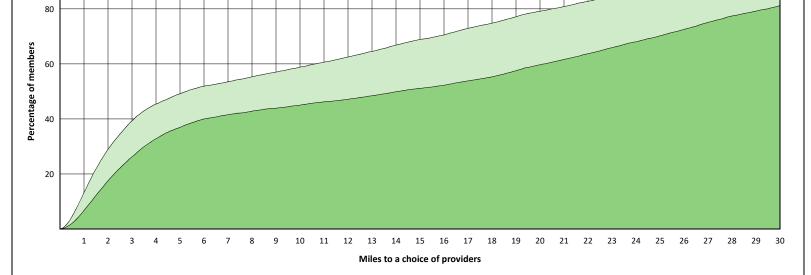
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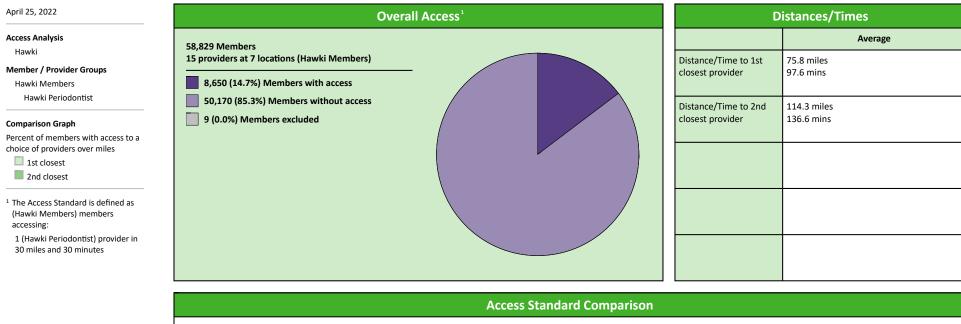


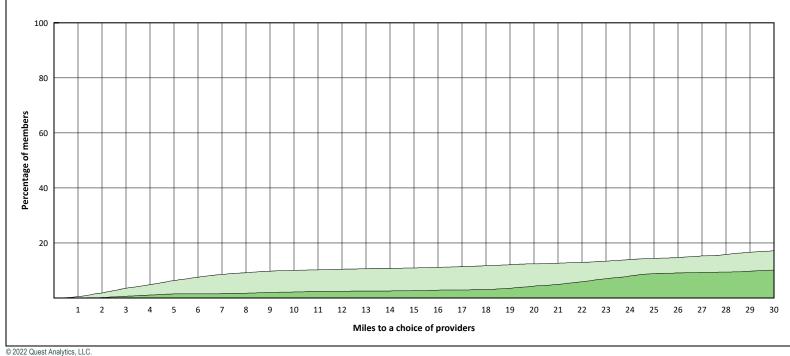
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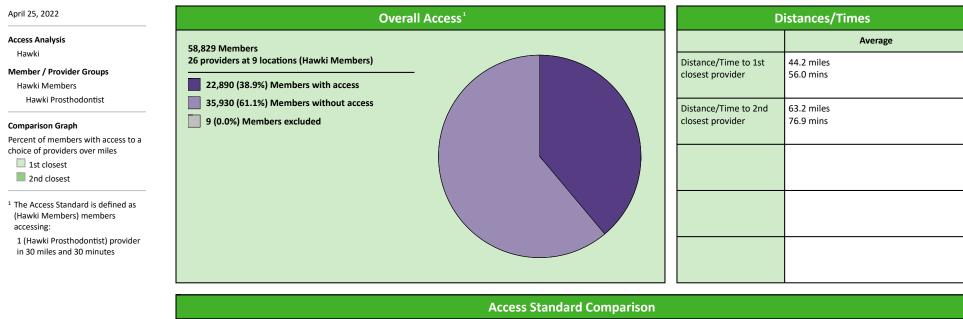


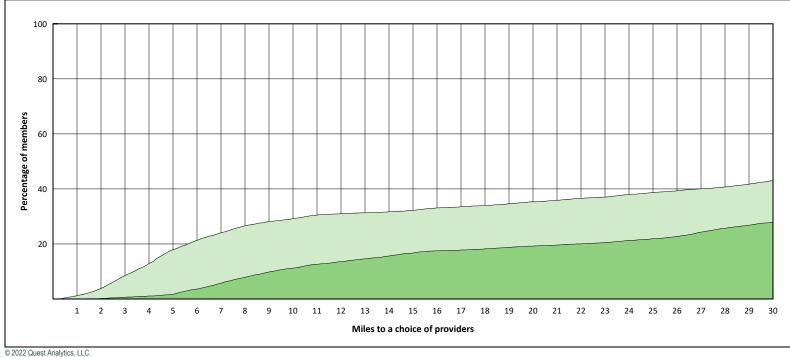
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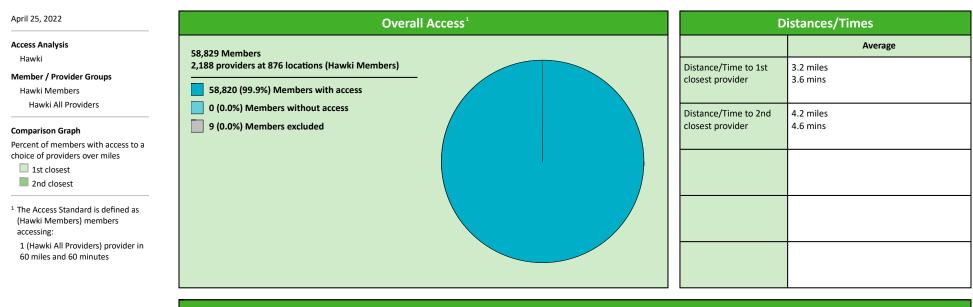


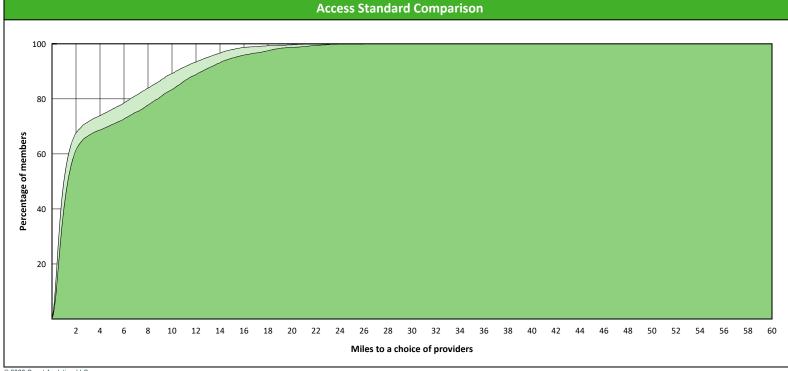
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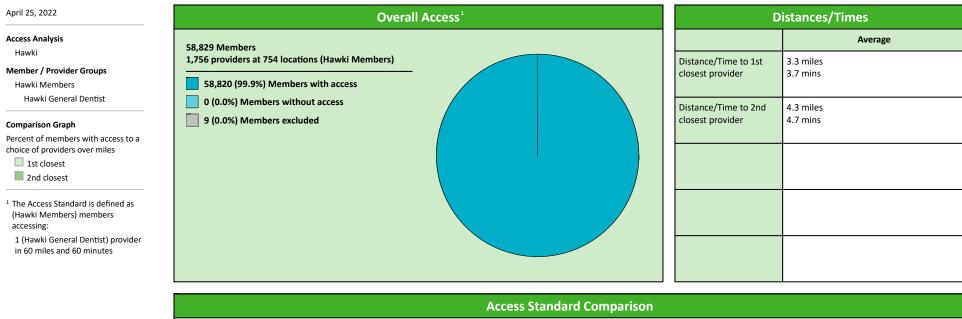
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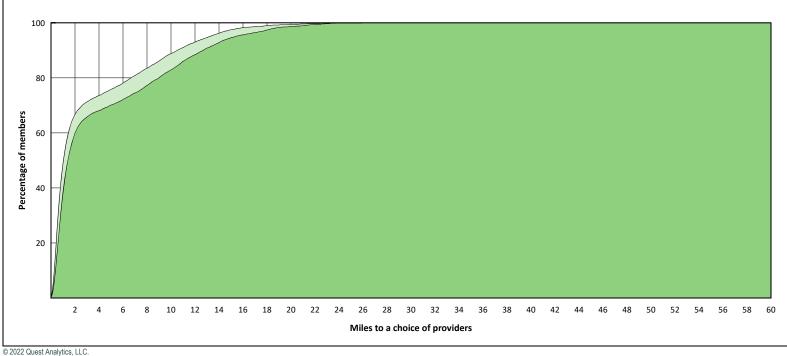




Network Analysis - All Members

Access Overview 60 Miles General Dentist





Network Analysis - All Members

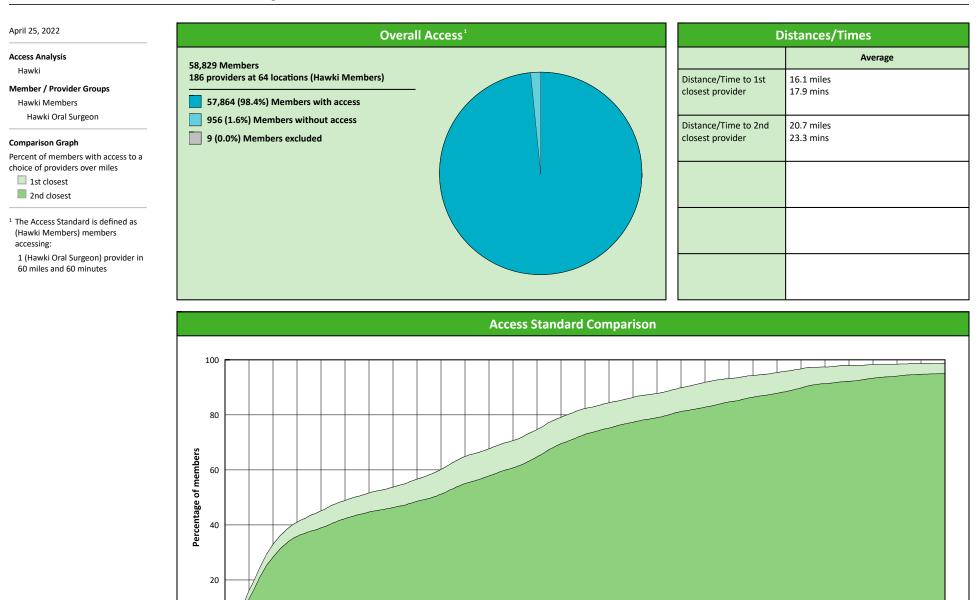
Access Overview 60 Miles Oral Surgeon

4 6

8 10

2

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26 28 30 32 34 36 38

Miles to a choice of providers

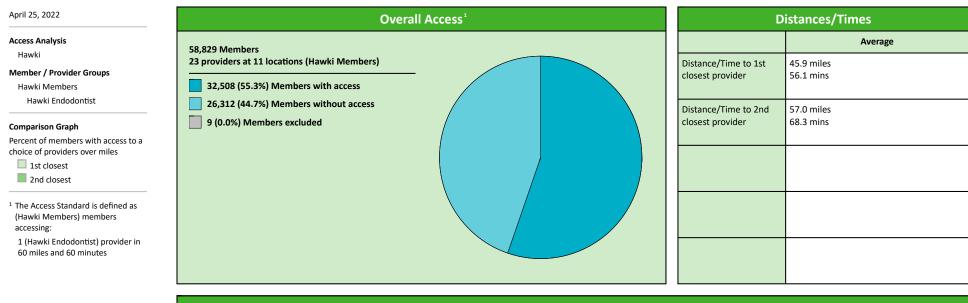
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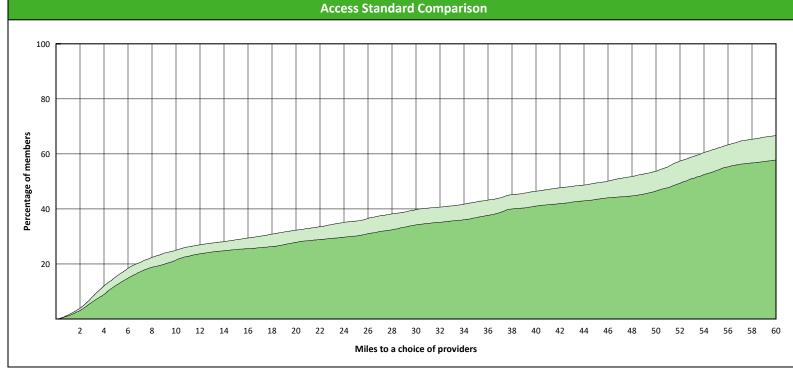
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54 56 58 60

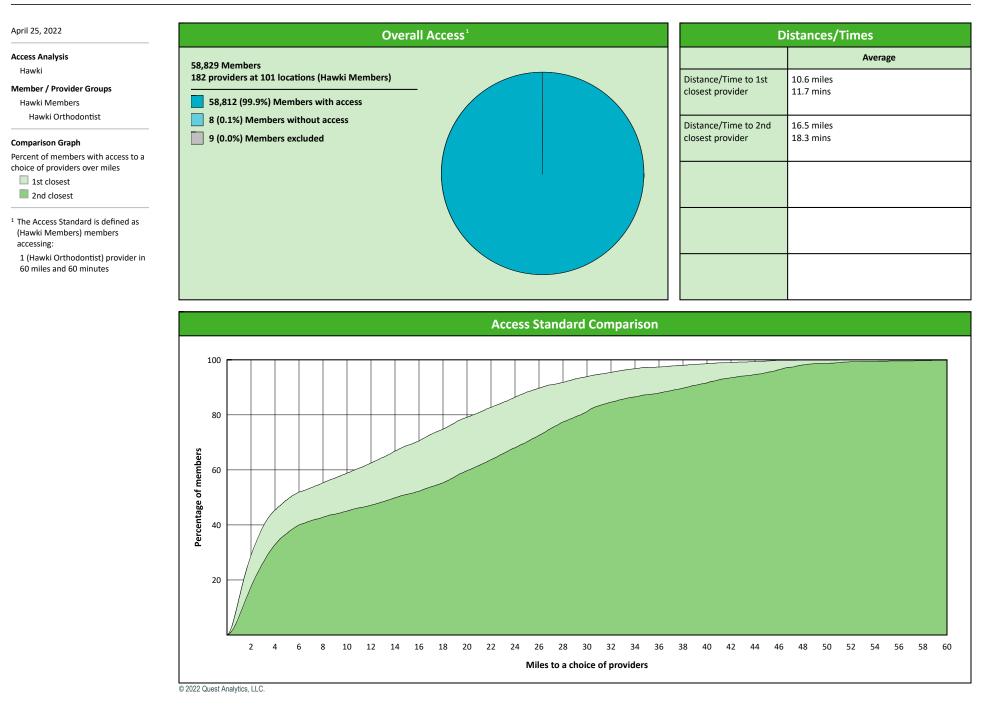
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Access Overview 60 Miles Endodontist

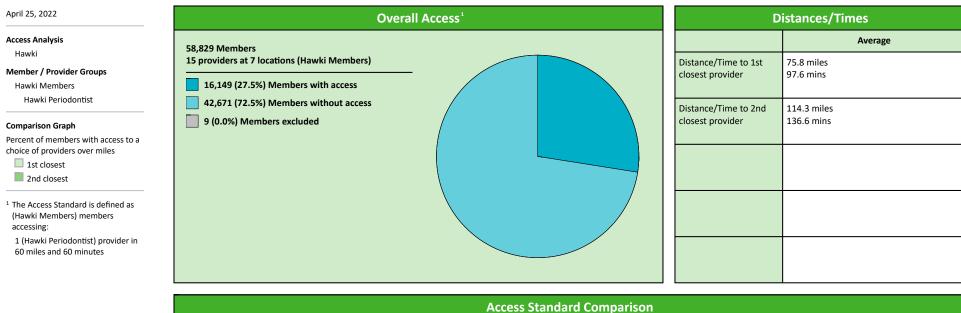


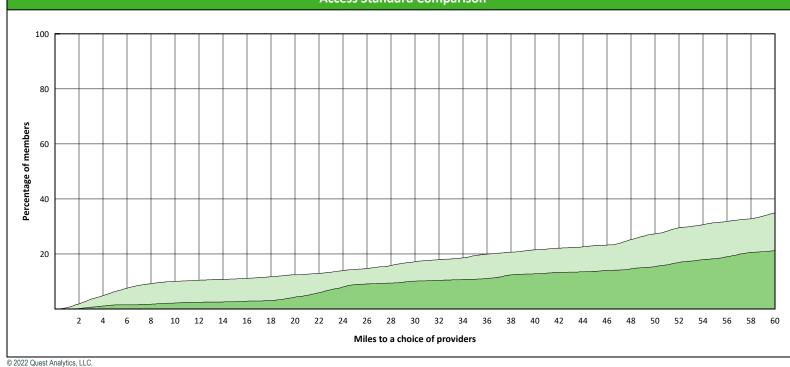


Access Overview 60 Miles Orthodontist

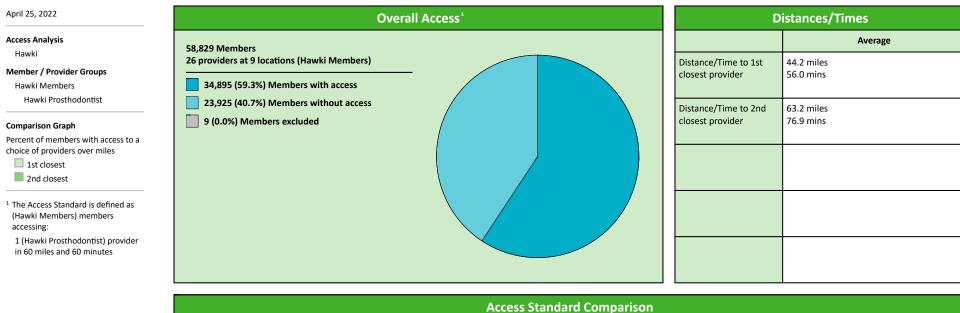


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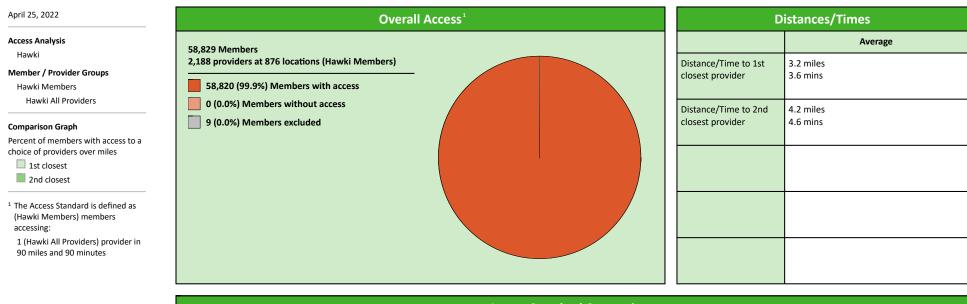


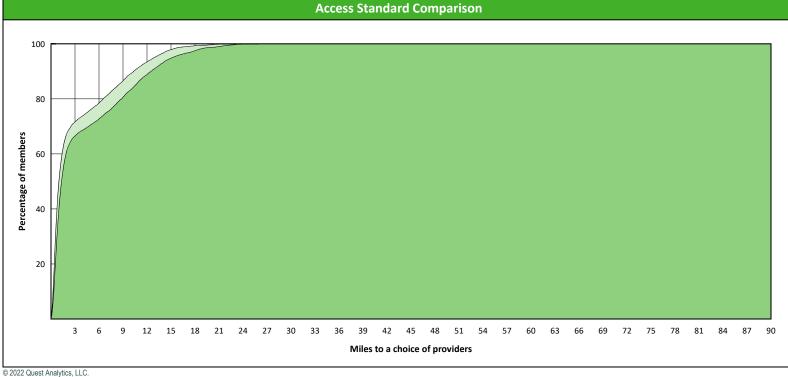
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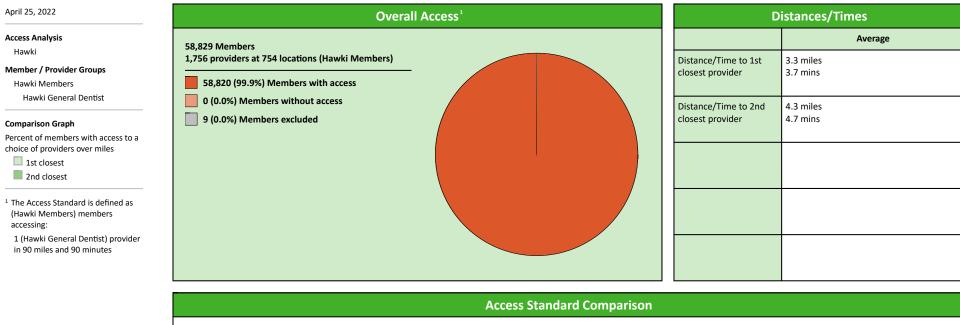
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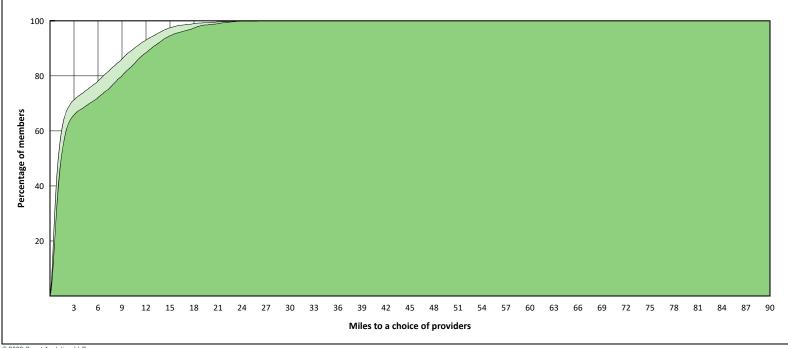




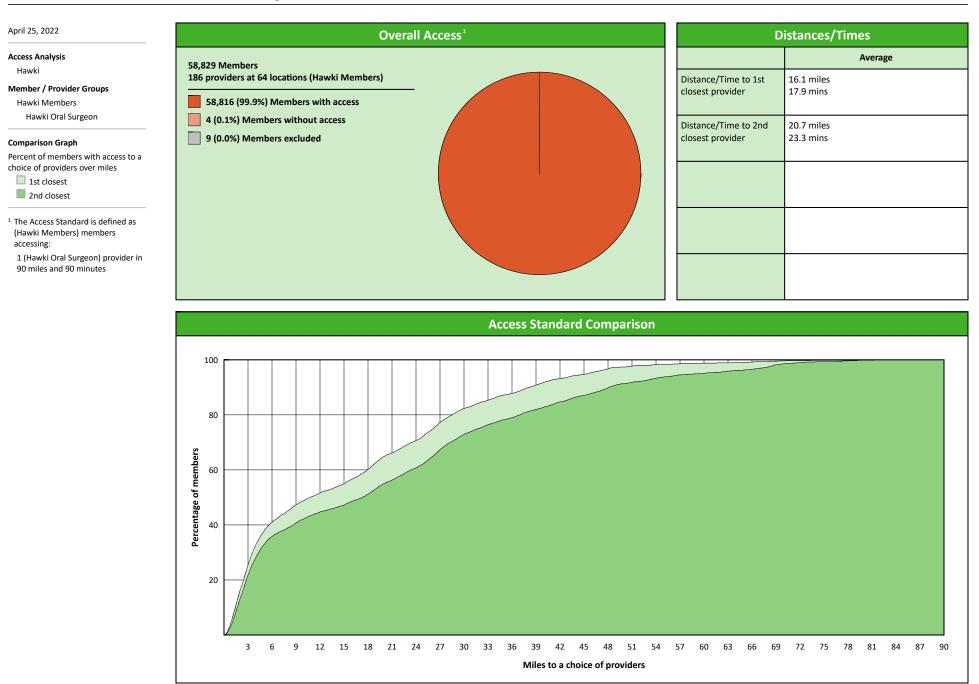
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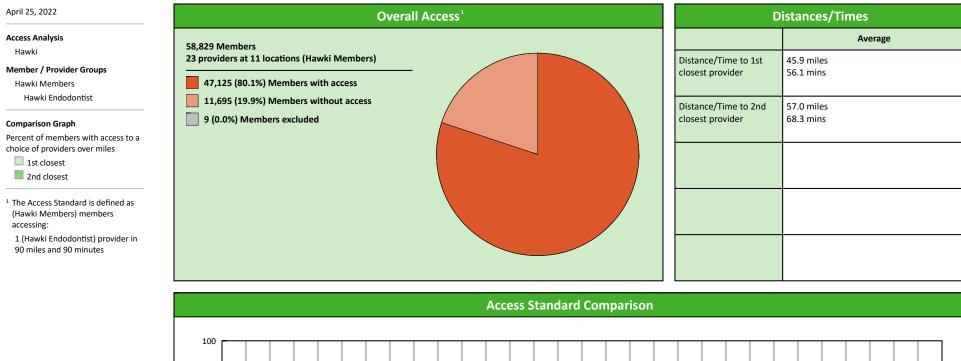


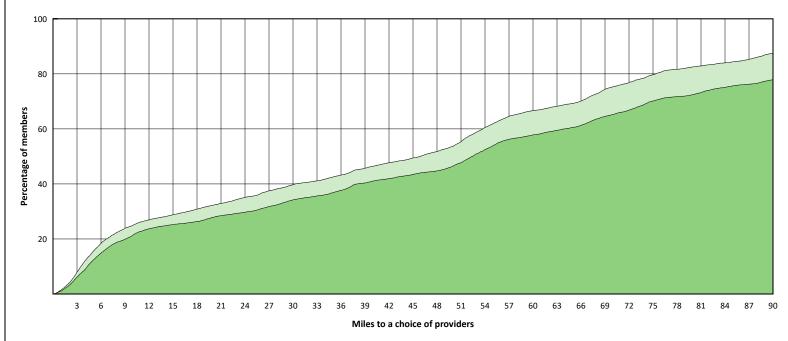


Access Overview 90 Miles Oral Surgeon

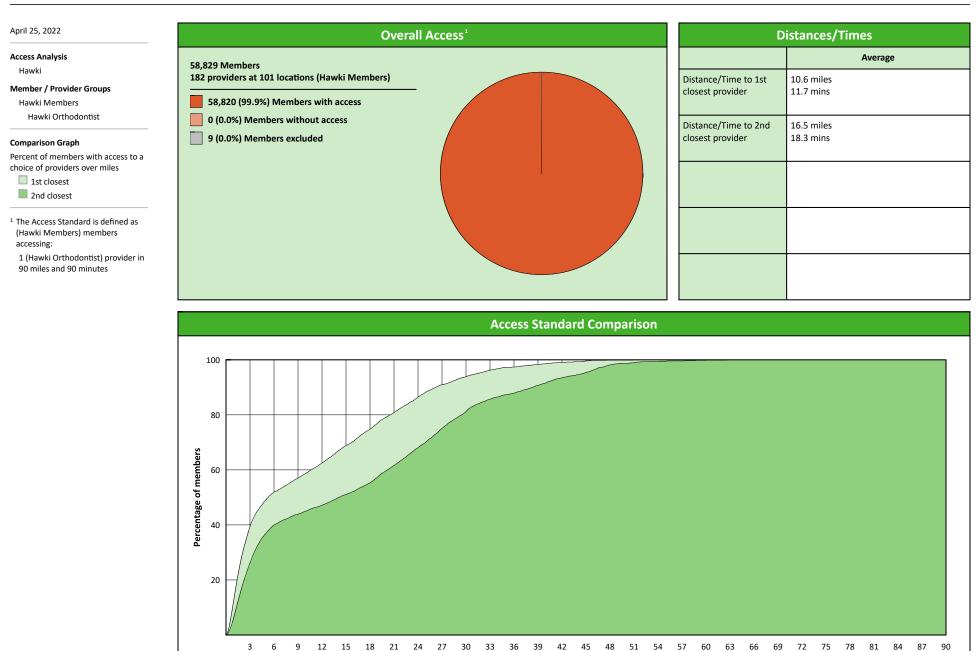


Access Overview 90 Miles Endodontist



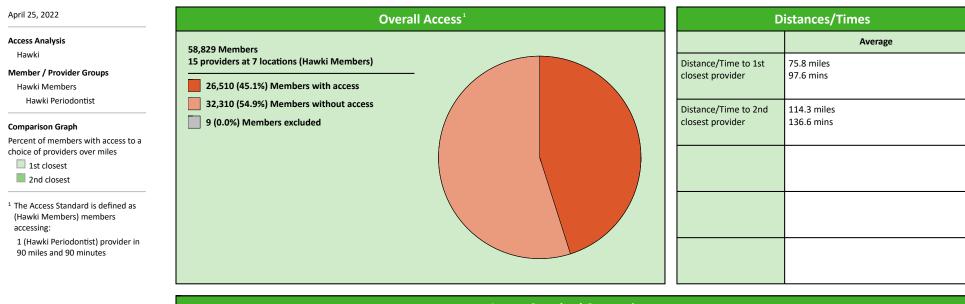


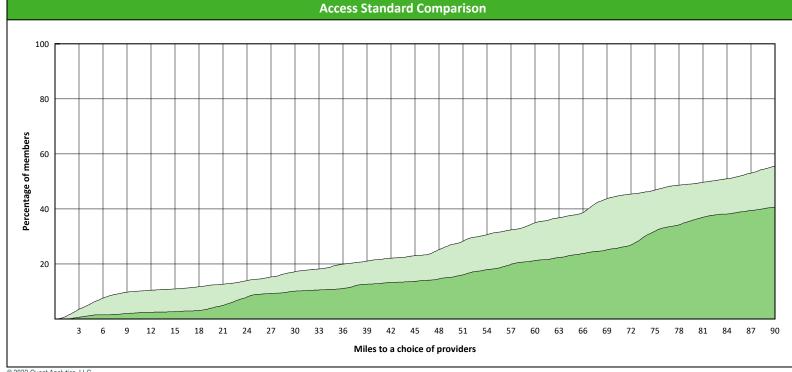
Access Overview 90 Miles Orthodontist



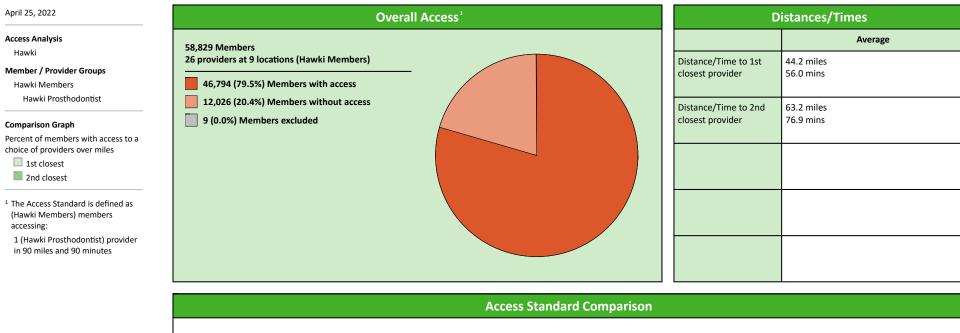
Miles to a choice of providers

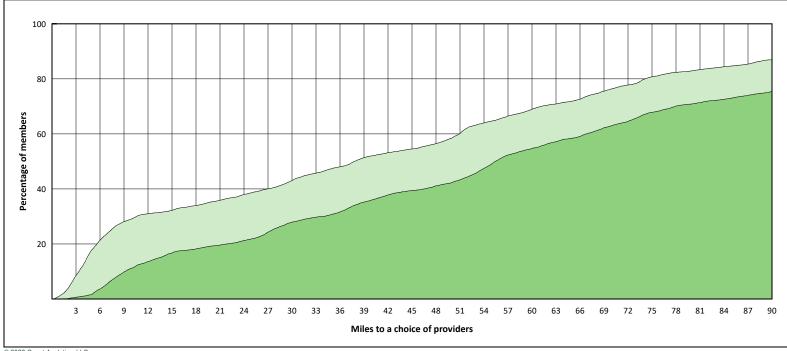
Access Overview 90 Miles Periodontist





Access Overview 90 Miles Prosthodontist





April 25, 2022

Hawki General Dentist

1,756 providers at 754 locations

All providers

30 mile radius

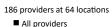
60 mile radius

90 mile radius









30 mile radius

30 mile radii

60 mile radius

90 mile radius



Network Analysis Hawki Endodontist Access Map

April 25, 2022



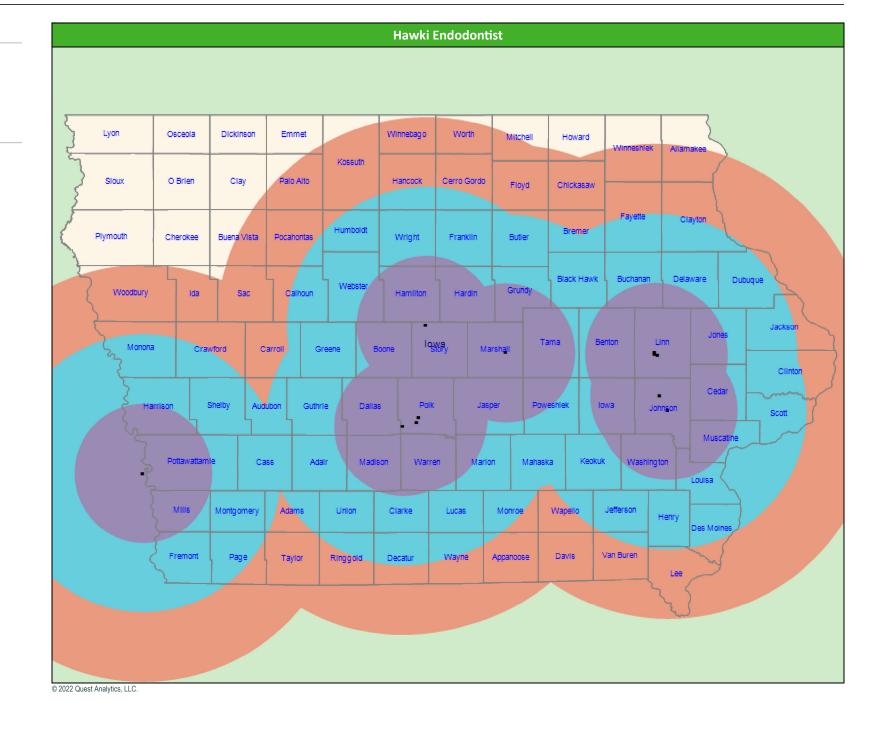
23 providers at 11 locations

All providers

30 mile radius

60 mile radius

90 mile radius



Network Analysis Hawki Orthodontist Access Map

April 25, 2022

Hawki Orthodontist

182 providers at 101 locations

- All providers
- 30 mile radius
- 60 mile radius
- 90 mile radius

41.42 miles

Dickinson Osceola Lyon Emmet Winnebago Worth Mitchell Howard Winneshiek Allamakee Kossuth Cerro Gordo Clay Sieux O Brien Palo Alto Hancock Floyd = Chickesaw Fayette Clayton Plymouth Humboldt Bremer Cherokee Wright Franklin Butler Buena Vista Pocahontas • Black Hawk . Buchanan Delaware Dubuque[®] Webster Grundy Woodbury Ida Sac Calhoun Hamilton Hardin Jackson Jones Lim Benton Tama lowa, Monona Marshall Crawford Boone Carroll Greene Clinton Cedar Audubor Johnson Poweshiek lowa Shelby Jasper Harrison Guthrie Dallas Scott ~ Muscatine Warren Pottawattamie C355 Adair Madison Marion Mahaska Keokuk Washington Louisa Mills Moglgomery Adams nion Clarke Lucas Monroe /apello Jefferson Henry Des Moines Fremont Page Ringgold Wayne Appanoose Davis Van Buren Decatur Taylor Lee

Hawki Orthodontist

April 25, 2022



15 providers at 7 locations

All providers

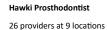
30 mile radius

60 mile radius

90 mile radius



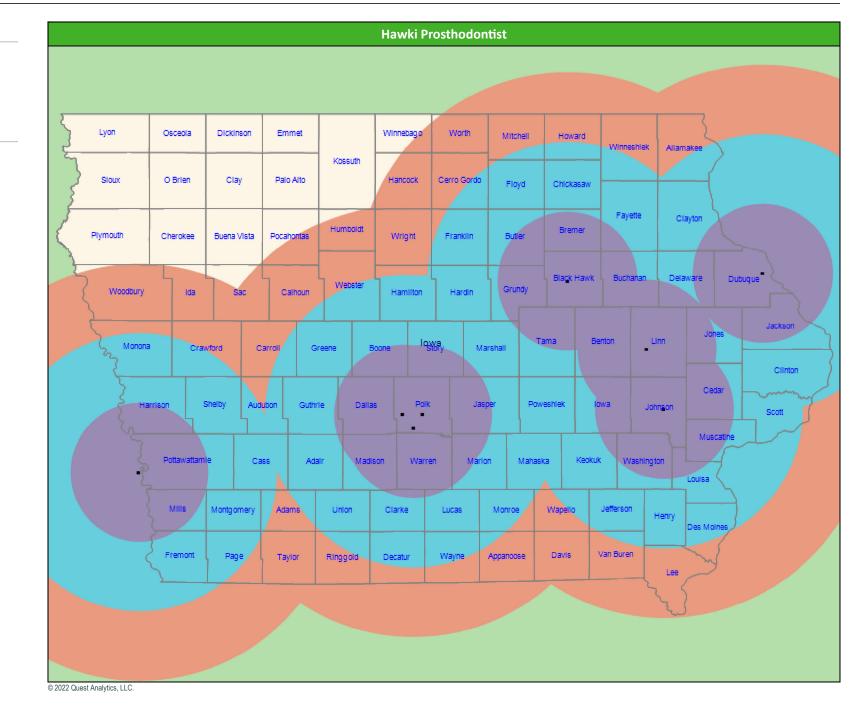
April 25, 2022





30 mile radius

- 60 mile radius
- 90 mile radius



Access Summary By State Name

April 25, 2022	All Members												
Access Analysis	Member	Member		Provider		With Access		Without Access		Counts ¹		Distance	Average Time
Hawki	Group	#	Group	Standard	#	%	#	%	Р	L	1	2	1
Member Group	Hawki Members	58,820	Hawki All Provid	1 in 60 miles and 6	58,820	100.0	0	0.0	2,188	876	3.2	4.2	3.6
Hawki Members			Hawki All Provid	1 in 90 miles and 9	58,820	100.0	0	0.0	2,188	876	3.2	4.2	3.6
Provider Group			Hawki General D	1 in 30 miles and 3	58,816	99.9	4	0.1	1,756	754	3.3	4.3	3.7
Hawki All Providers			Hawki General D	1 in 60 miles and 6	58,820	100.0	0	0.0	1,756	754	3.3	4.3	3.7
Hawki General Dentist			Hawki General D	1 in 90 miles and 9	58,820	100.0	0	0.0	1,756	754	3.3	4.3	3.7
Hawki Oral Surgeon			Hawki Oral Surg	1 in 30 miles and 3	45,633	77.6	13,187	22.4	186	64	16.1	20.7	17.9
Hawki Endodontist Hawki Orthodontist Hawki Periodontist			Hawki Oral Surg	1 in 60 miles and 6	57,864	98.4	956	1.6	186	64	16.1	20.7	17.9
			Hawki Oral Surg	1 in 90 miles and 9	58,816	99.9	4	0.1	186	64	16.1	20.7	17.9
			Hawki Endodon	1 in 30 miles and 3	21,387	36.4	37,433	63.6	23	11	45.9	57.0	56.1
Hawki Prosthodontist			Hawki Endodon	1 in 60 miles and 6	32,508	55.3	26,312	44.7	23	11	45.9	57.0	56.1
¹ Provider counts represent:			Hawki Endodon	1 in 90 miles and 9	47,125	80.1	11,695	19.9	23	11	45.9	57.0	56.1
P: Unique providers			Hawki Orthodon	1 in 30 miles and 3	53,707	91.3	5,113	8.7	182	101	10.6	16.5	11.7
L: Unique provider locations			Hawki Orthodon	1 in 60 miles and 6	58,812	99.9	8	0.1	182	101	10.6	16.5	11.7
			Hawki Orthodon	1 in 90 miles and 9	58,820	100.0	0	0.0	182	101	10.6	16.5	11.7
** These records have been excluded from the analysis because of invalid zip codes.			Hawki Periodon	1 in 30 miles and 3	8,650	14.7	50,170	85.3	15	7	75.8	114.3	97.6
			Hawki Periodon	1 in 60 miles and 6	16,149	27.5	42,671	72.5	15	7	75.8	114.3	97.6
			Hawki Periodon	1 in 90 miles and 9	26,510	45.1	32,310	54.9	15	7	75.8	114.3	97.6
			Hawki Prosthod	1 in 30 miles and 3	22,890	38.9	35,930	61.1	26	9	44.2	63.2	56.0
			Hawki Prosthod	1 in 60 miles and 6	34,895	59.3	23,925	40.7	26	9	44.2	63.2	56.0
			Hawki Prosthod	1 in 90 miles and 9	46,794	79.6	12,026	20.4	26	9	44.2	63.2	56.0

Key Geographic Areas												
State	Member	Р	With Acc	With Access		Without Access		Distance	Average Time			
Name	#	Group	Standard	#	%	#	%	1	2	1		
Iowa	58,820	Hawki All Providers	1 in 60 miles and 60 mins	58,820	100.0	0	0.0	3.2	4.2	3.6		
		Hawki All Providers	1 in 90 miles and 90 mins	58,820	100.0	0	0.0	3.2	4.2	3.6		
		Hawki General Dentist	1 in 30 miles and 30 mins	58,816	99.9	4	0.1	3.3	4.3	3.7		
		Hawki General Dentist	1 in 60 miles and 60 mins	58,820	100.0	0	0.0	3.3	4.3	3.7		
		Hawki General Dentist	1 in 90 miles and 90 mins	58,820	100.0	0	0.0	3.3	4.3	3.7		
		Hawki Oral Surgeon	1 in 30 miles and 30 mins	45,633	77.6	13,187	22.4	16.1	20.7	17.9		
		Hawki Oral Surgeon	1 in 60 miles and 60 mins	57,864	98.4	956	1.6	16.1	20.7	17.9		
		Hawki Oral Surgeon	1 in 90 miles and 90 mins	58,816	99.9	4	0.1	16.1	20.7	17.9		
		Hawki Endodontist	1 in 30 miles and 30 mins	21,387	36.4	37,433	63.6	45.9	57.0	56.1		
		Hawki Endodontist	1 in 60 miles and 60 mins	32,508	55.3	26,312	44.7	45.9	57.0	56.1		
		Hawki Endodontist	1 in 90 miles and 90 mins	47,125	80.1	11,695	19.9	45.9	57.0	56.1		
		Hawki Orthodontist	1 in 30 miles and 30 mins	53,707	91.3	5,113	8.7	10.6	16.5	11.7		
		Hawki Orthodontist	1 in 60 miles and 60 mins	58,812	99.9	8	0.1	10.6	16.5	11.7		
		Hawki Orthodontist	1 in 90 miles and 90 mins	58,820	100.0	0	0.0	10.6	16.5	11.7		
		Hawki Periodontist	1 in 30 miles and 30 mins	8,650	14.7	50,170	85.3	75.8	114.3	97.6		

Access Summary By City

April 25, 2022	All Members												
Access Analysis	Member		Provider		With Access		Without Access		Counts ¹		Average Distance		Average Time
Hawki	Group	#	Group	Standard	#	%	#	%	Р	L	1	2	1
Member Group	Hawki Members	58,820	Hawki All Provid	1 in 60 miles and 6	58,820	100.0	0	0.0	2,188	876	3.2	4.2	3.6
Hawki Members				1 in 90 miles and 9	58,820	100.0	0	0.0	2,188	876	3.2	4.2	3.6
Provider Group			Hawki General D	1 in 30 miles and 3	58,816	99.9	4	0.1	1,756	754	3.3	4.3	3.7
Hawki All Providers			Hawki General D	1 in 60 miles and 6	58,820	100.0	0	0.0	1,756	754	3.3	4.3	3.7
Hawki General Dentist			Hawki General D	1 in 90 miles and 9	58,820	100.0	0	0.0	1,756	754	3.3	4.3	3.7
Hawki Oral Surgeon			Hawki Oral Surg	1 in 30 miles and 3	45,633	77.6	13,187	22.4	186	64	16.1	20.7	17.9
Hawki Endodontist Hawki Orthodontist Hawki Periodontist			Hawki Oral Surg	1 in 60 miles and 6	57,864	98.4		1.6	186	64	16.1	20.7	17.9
			Hawki Oral Surg	1 in 90 miles and 9	58,816	99.9	4	0.1	186	64	16.1	20.7	17.9
			Hawki Endodon	1 in 30 miles and 3	21,387	36.4	37,433	63.6	23	11	45.9	57.0	56.1
Hawki Prosthodontist			Hawki Endodon	1 in 60 miles and 6	32,508	55.3	26,312	44.7	23	11	45.9	57.0	56.1
¹ Provider counts represent:			Hawki Endodon	1 in 90 miles and 9	47,125	80.1	11,695	19.9	23	11	45.9	57.0	56.1
P: Unique providers			Hawki Orthodon	1 in 30 miles and 3	53,707	91.3	5,113	8.7	182	101	10.6	16.5	11.7
L: Unique provider locations			Hawki Orthodon	1 in 60 miles and 6	58,812	99.9	8	0.1	182	101	10.6	16.5	11.7
			Hawki Orthodon	1 in 90 miles and 9	58,820	100.0	0	0.0	182	101	10.6	16.5	11.7
** These records have been excluded from the analysis because of invalid zip codes.			Hawki Periodon	1 in 30 miles and 3	8,650	14.7	50,170	85.3	15	7	75.8	114.3	97.6
			Hawki Periodon	1 in 60 miles and 6	16,149	27.5	42,671	72.5	15	7	75.8	114.3	97.6
			Hawki Periodon	1 in 90 miles and 9	26,510	45.1	32,310	54.9	15	7	75.8	114.3	97.6
			Hawki Prosthod	1 in 30 miles and 3	22,890	38.9	35,930	61.1	26	9	44.2	63.2	56.0
			Hawki Prosthod	1 in 60 miles and 6	34,895	59.3	23,925	40.7	26	9	44.2	63.2	56.0
			Hawki Prosthod	1 in 90 miles and 9	46,794	79.6			26	9	44.2	63.2	56.0

Key Geographic Areas												
	Member	Provider			ess	Without A	ccess	Average	Distance	Average Time		
City	#	Group	Standard	#	%	#	%	1	2	1		
Des Moines, IA	4,180	Hawki All Providers	1 in 60 miles and 60 mins	4,180	100.0	0	0.0	0.8	1.0	1.3		
		Hawki All Providers	1 in 90 miles and 90 mins	4,180	100.0	0	0.0	0.8	1.0	1.3		
		Hawki General Dentist	1 in 30 miles and 30 mins	4,180	100.0	0	0.0	0.9	1.0	1.3		
		Hawki General Dentist	1 in 60 miles and 60 mins	4,180	100.0	0	0.0	0.9	1.0	1.3		
		Hawki General Dentist	1 in 90 miles and 90 mins	4,180	100.0	0	0.0	0.9	1.0	1.3		
		Hawki Oral Surgeon	1 in 30 miles and 30 mins	4,180	100.0	0	0.0	3.4	3.4	5.0		
		Hawki Oral Surgeon	1 in 60 miles and 60 mins	4,180	100.0	0	0.0	3.4	3.4	5.0		
		Hawki Oral Surgeon	1 in 90 miles and 90 mins	4,180	100.0	0	0.0	3.4	3.4	5.0		
		Hawki Endodontist	1 in 30 miles and 30 mins	4,180	100.0	0	0.0	3.9	4.5	6.1		
		Hawki Endodontist	1 in 60 miles and 60 mins	4,180	100.0	0	0.0	3.9	4.5	6.1		
		Hawki Endodontist	1 in 90 miles and 90 mins	4,180	100.0	0	0.0	3.9	4.5	6.1		
		Hawki Orthodontist	1 in 30 miles and 30 mins	4,180	100.0	0	0.0	3.0	3.5	4.6		
		Hawki Orthodontist	1 in 60 miles and 60 mins	4,180	100.0	0	0.0	3.0	3.5	4.6		
		Hawki Orthodontist	1 in 90 miles and 90 mins	4,180	100.0	0	0.0	3.0	3.5	4.6		
		Hawki Periodontist	1 in 30 miles and 30 mins	0	0.0	4,180	100.0	106.2	108.5	145.0		