

Network Access Analysis

hawk-i

Delta Dental of Iowa

July 29, 2019

Contents

Report Contents

Access Overview 30 Miles	3
<i>hawk Members: hawk GP, hawk Members: hawk OS, hawk Members: hawk Endo, hawk Members: hawk Ortho, hawk Members: hawk Perio, hawk Members: hawk Prost</i>	
Access Overview 60 Miles	9
<i>hawk Members: hawk GP, hawk Members: hawk OS, hawk Members: hawk Endo, hawk Members: hawk Ortho, hawk Members: hawk Perio, hawk Members: hawk Prost</i>	
Access Overview 90 Miles	15
<i>hawk Members: hawk GP, hawk Members: hawk OS, hawk Members: hawk Endo, hawk Members: hawk Ortho, hawk Members: hawk Perio, hawk Members: hawk Prost</i>	
hawk-i GP Access Map	21
hawk-i Oral Surgeon Access Map	22
hawk-i Endodontist Access Map	23
hawk-i Orthodontist Access Map	24
hawk-i Periodontist Access Map	25
hawk-i Prothodontist Access Map	26
Access Summary By State Name	27
Access Summary By City	28

Access Overview 30 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki GP

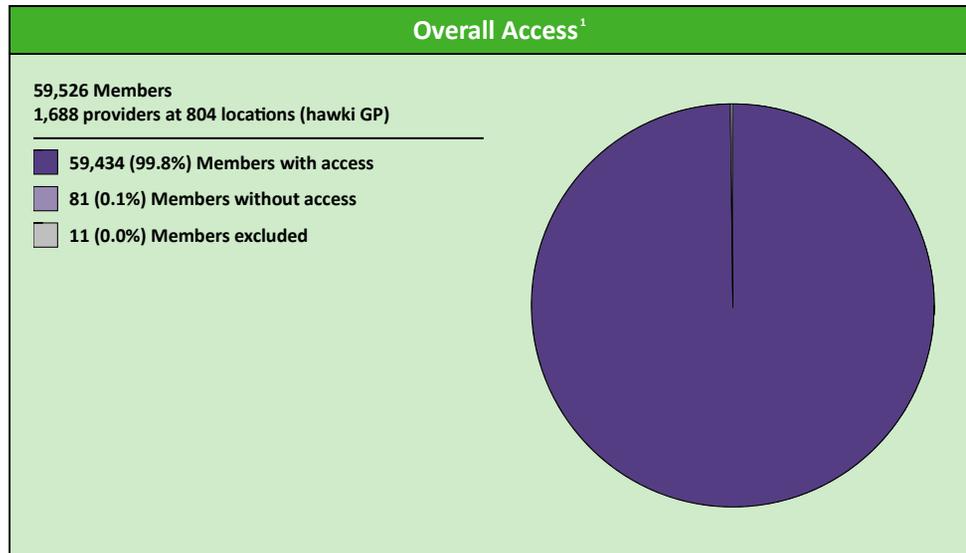
Comparison Graph

Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

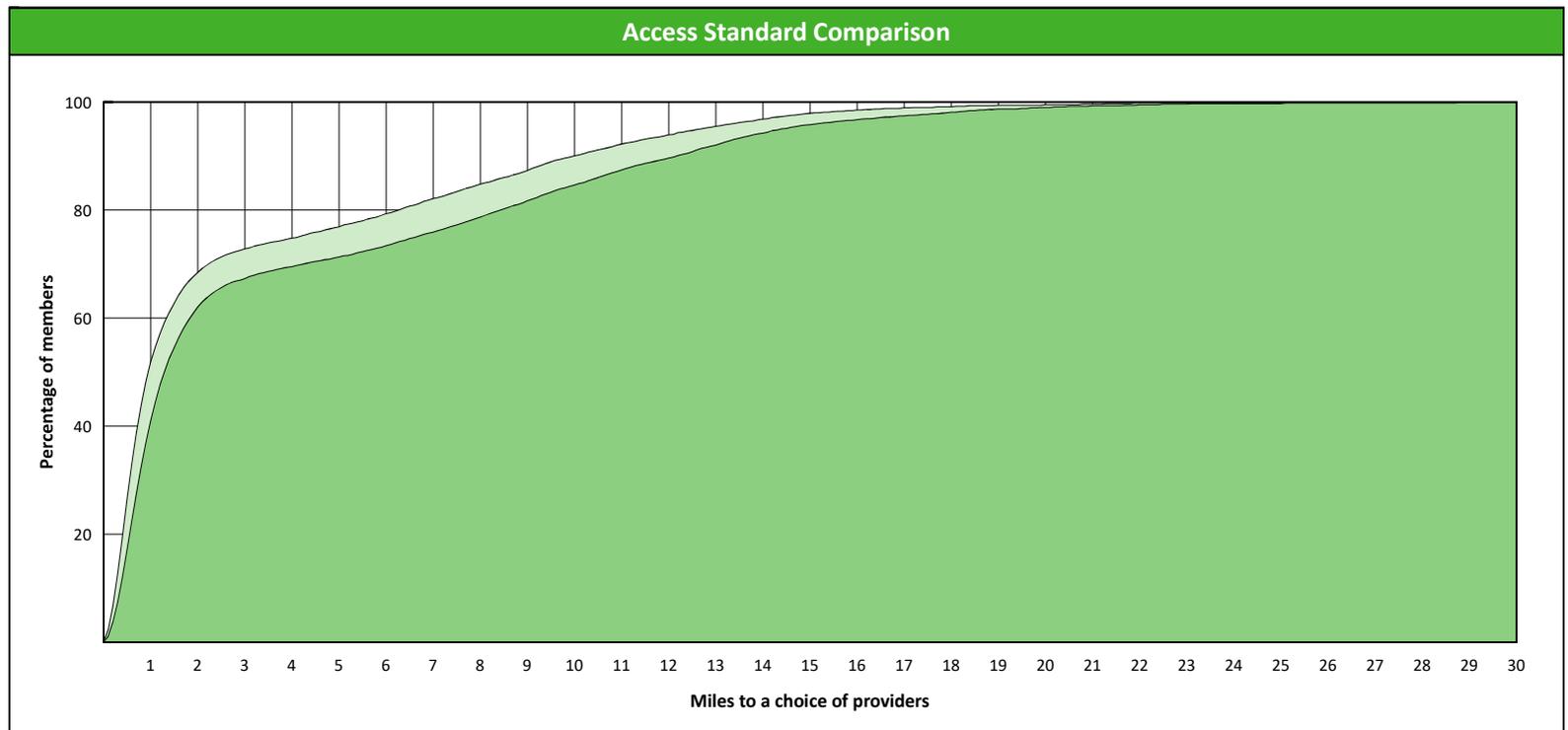
¹ The Access Standard is defined as (hawki Members) members accessing:

- 1 (hawki GP) provider in 30 miles and 30 minutes



Distances/Times

		Average
Distance/Time to 1st closest provider		3.9 miles 4.4 mins
Distance/Time to 2nd closest provider		4.8 miles 5.4 mins



Access Overview 30 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki OS

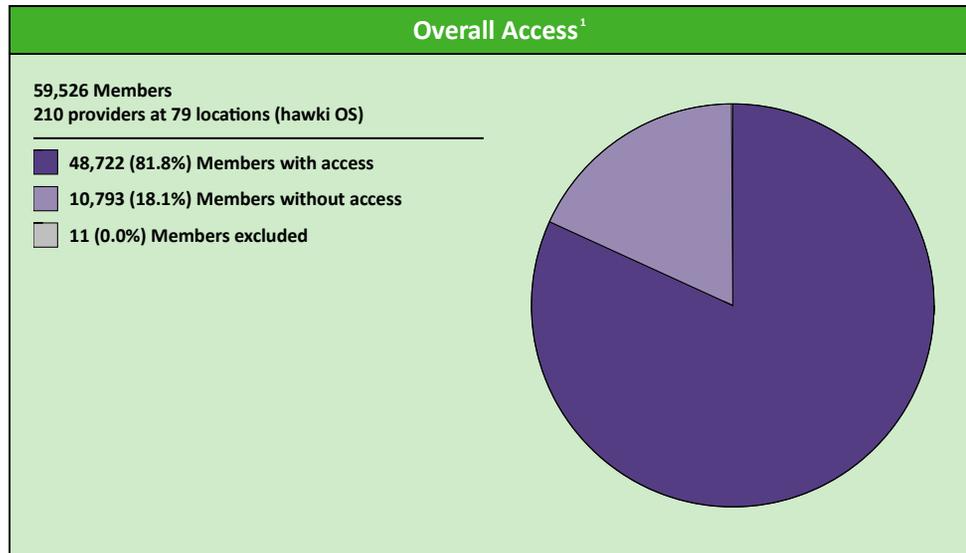
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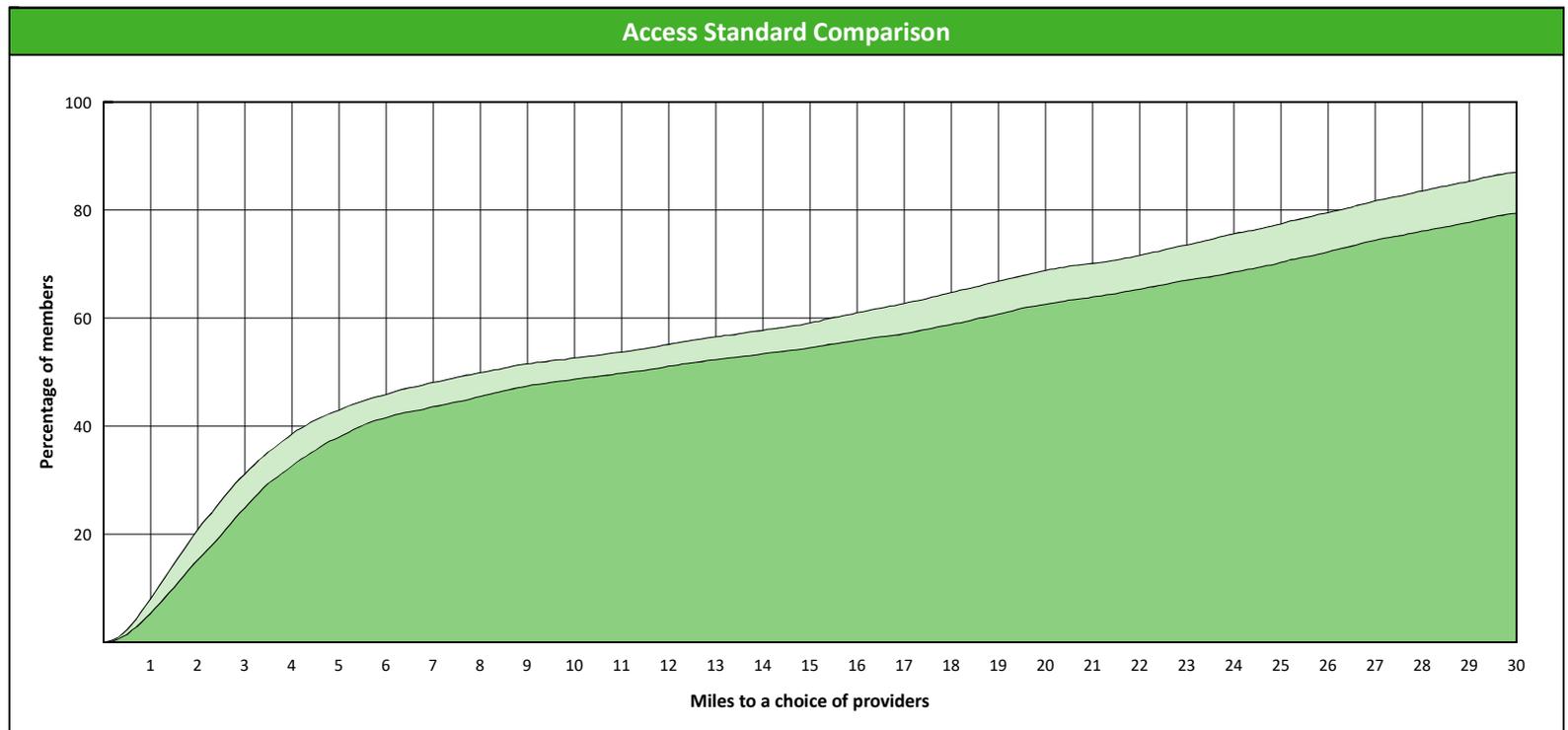
¹ The Access Standard is defined as (hawki Members) members accessing:

- 1 (hawki OS) provider in 30 miles and 30 minutes



Distances/Times

	Average
Distance/Time to 1st closest provider	15.0 miles 16.9 mins
Distance/Time to 2nd closest provider	18.1 miles 20.4 mins



Access Overview 30 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Endo

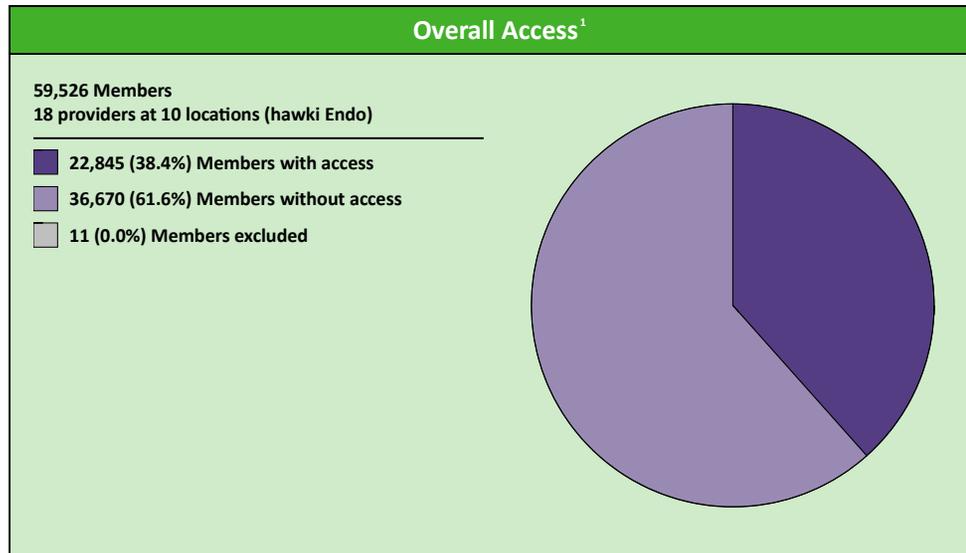
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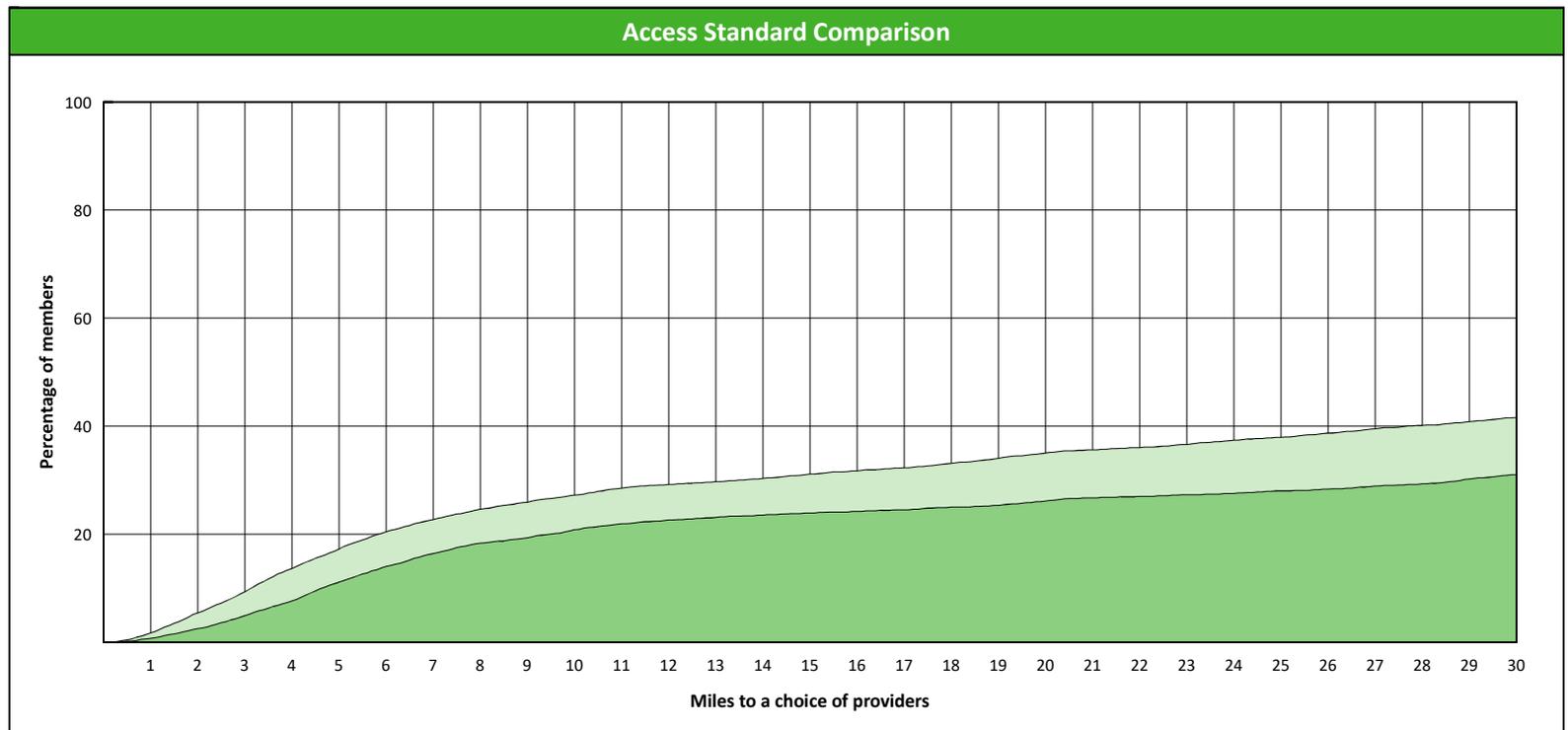
¹ The Access Standard is defined as (hawki Members) members accessing:

- 1 (hawki Endo) provider in 30 miles and 30 minutes



Distances/Times

	Average
Distance/Time to 1st closest provider	41.7 miles 50.9 mins
Distance/Time to 2nd closest provider	48.7 miles 59.5 mins



Access Overview 30 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Ortho

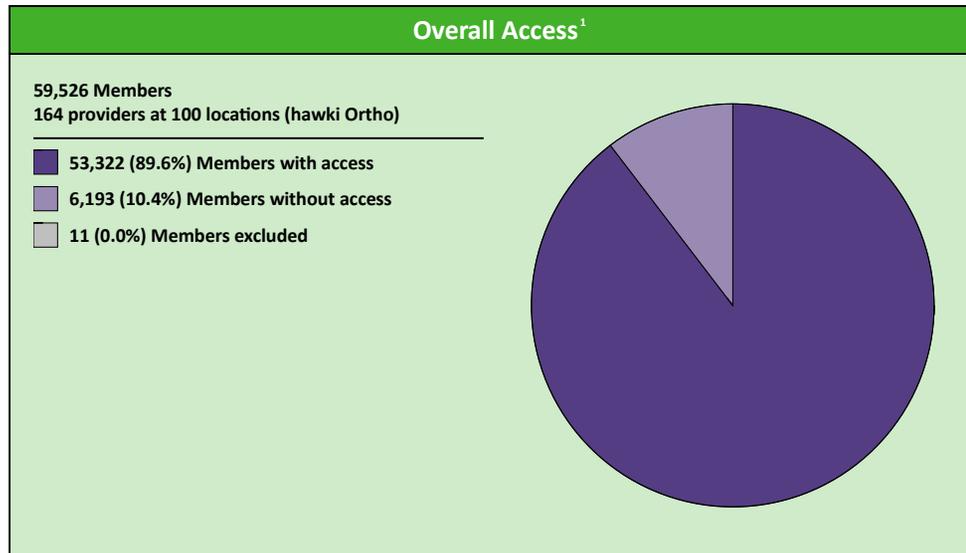
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Percent of members with access to a choice of providers over miles

- 1st closest
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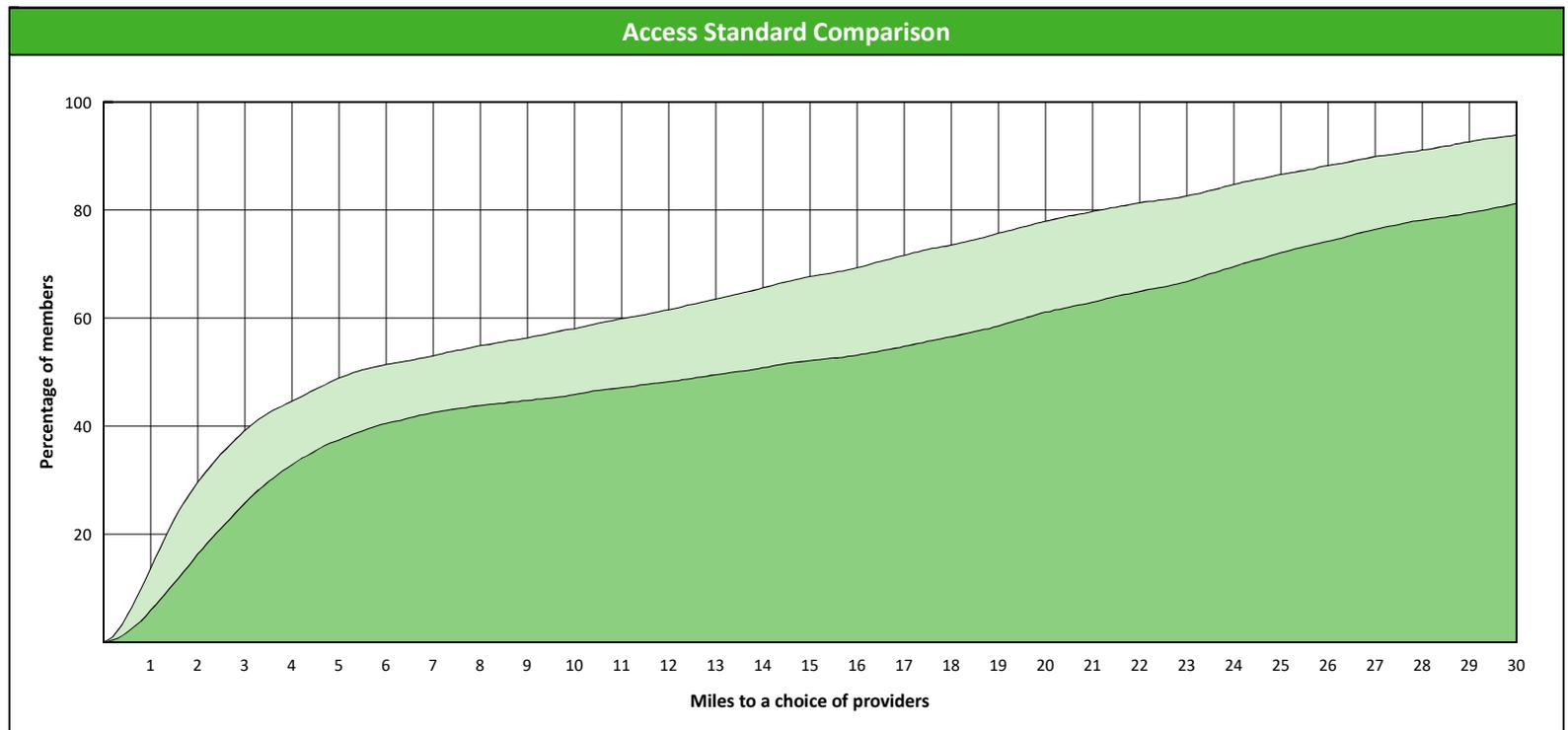
¹ The Access Standard is defined as (hawki Members) members accessing:

1 (hawki Ortho) provider in 30 miles and 30 minutes



Distances/Times

	Average
Distance/Time to 1st closest provider	11.7 miles 13.1 mins
Distance/Time to 2nd closest provider	17.6 miles 19.6 mins



Access Overview 30 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Perio

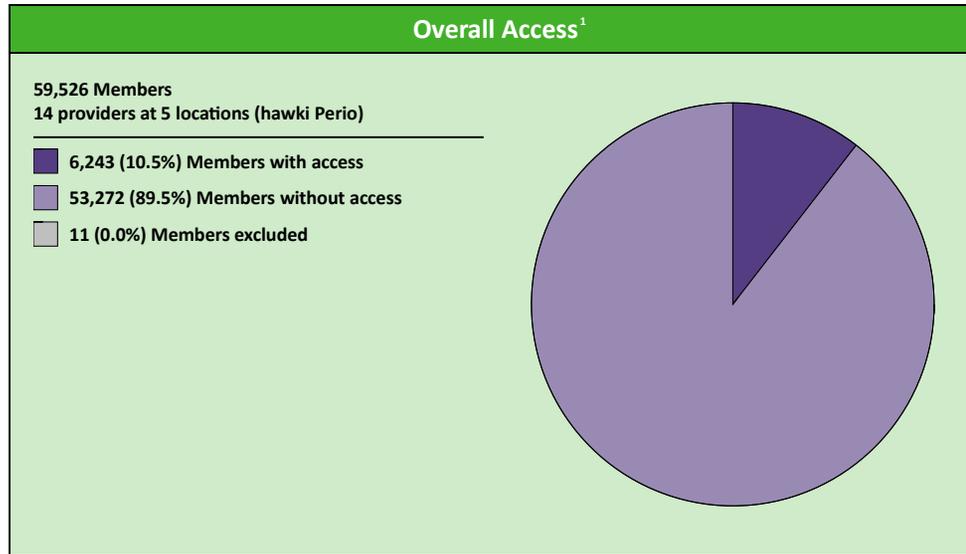
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Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

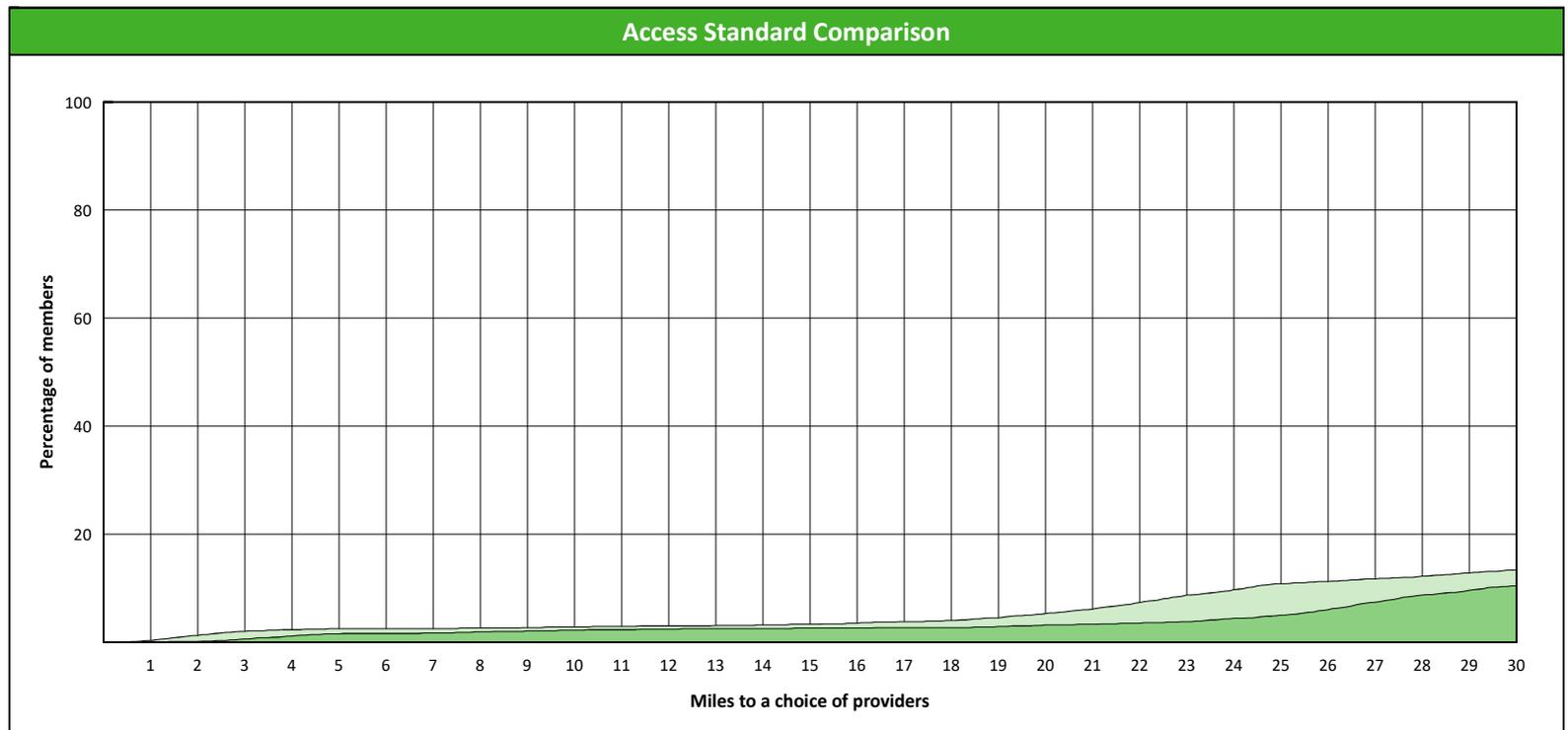
¹ The Access Standard is defined as (hawki Members) members accessing:

- 1 (hawki Perio) provider in 30 miles and 30 minutes



Distances/Times

	Average
Distance/Time to 1st closest provider	114.5 miles 134.0 mins
Distance/Time to 2nd closest provider	119.7 miles 143.6 mins



Access Overview 30 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Prost

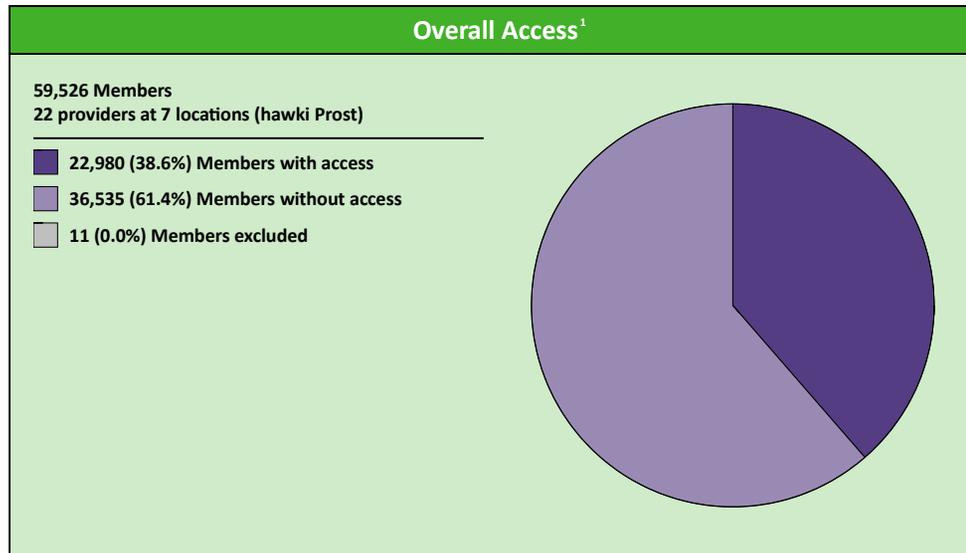
Comparison Graph

Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

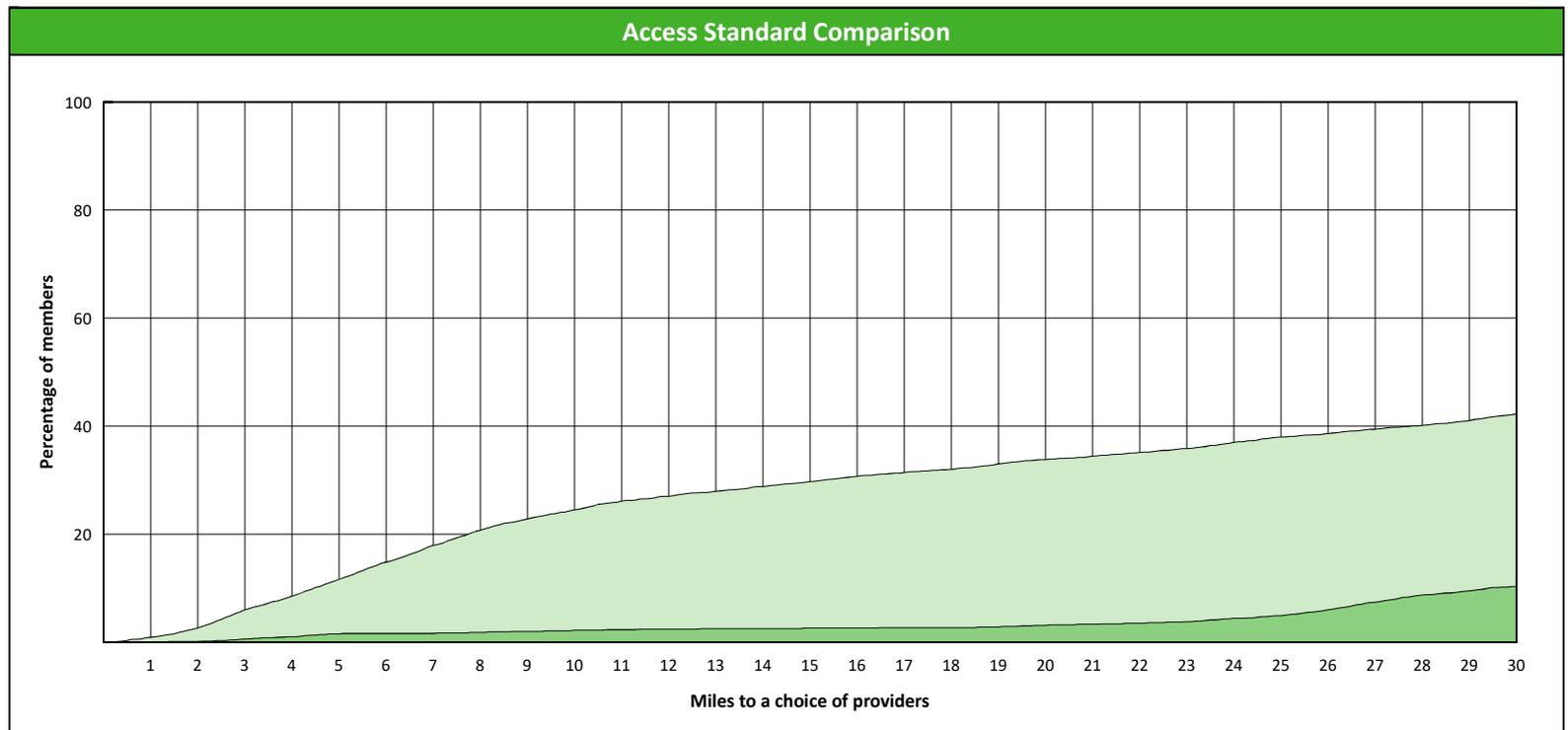
¹ The Access Standard is defined as (hawki Members) members accessing:

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Distances/Times

	Average
Distance/Time to 1st closest provider	48.0 miles 57.0 mins
Distance/Time to 2nd closest provider	80.8 miles 98.3 mins



Access Overview 60 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki GP

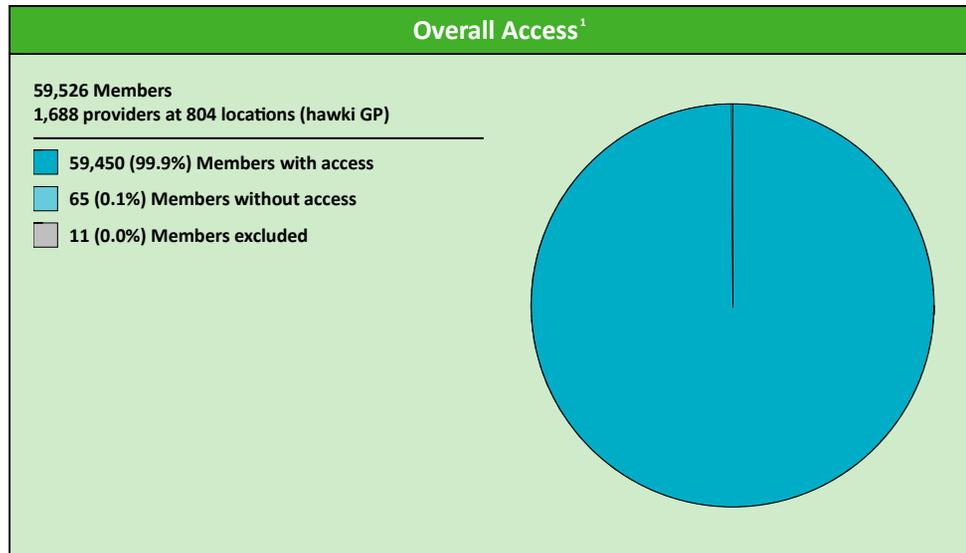
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- 2nd closest

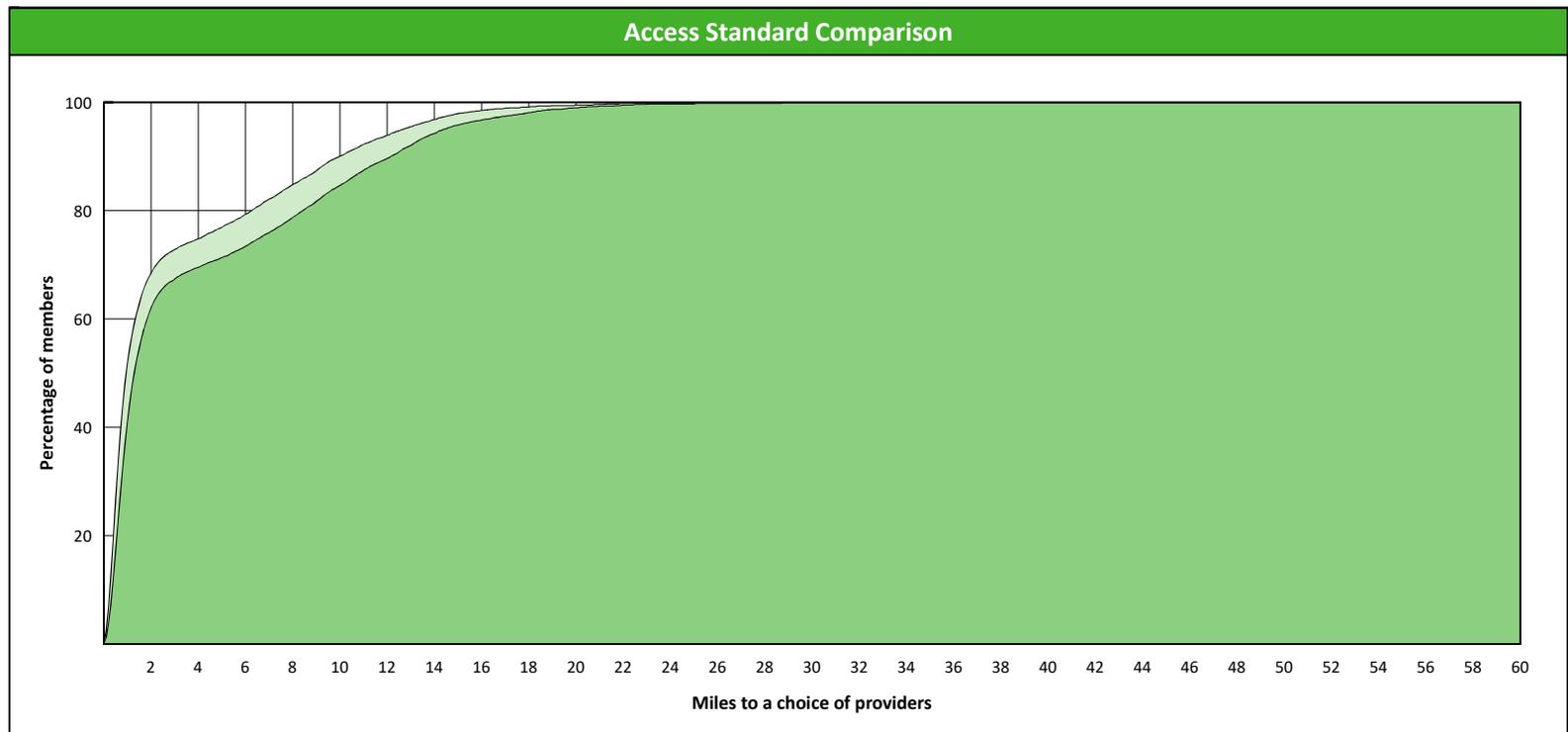
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Access Overview 60 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki OS

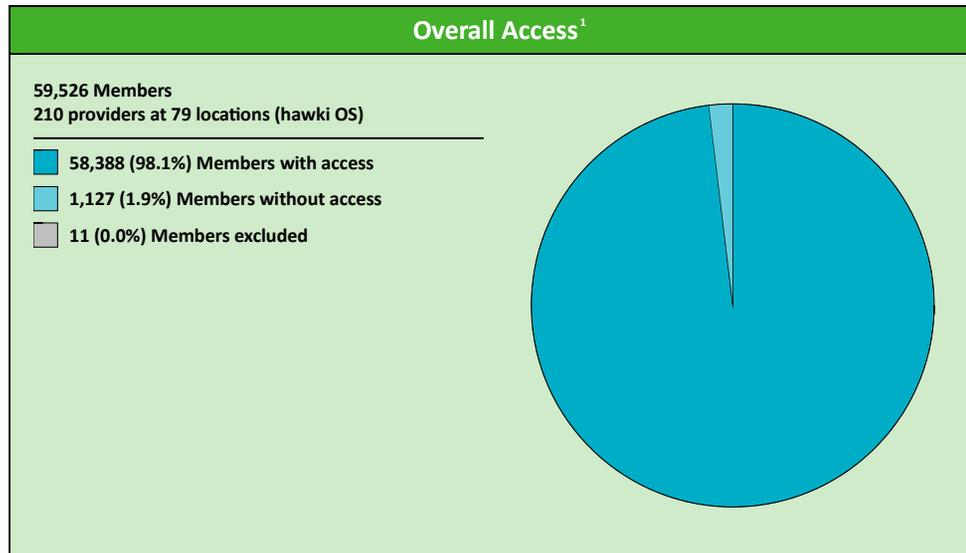
Comparison Graph

Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

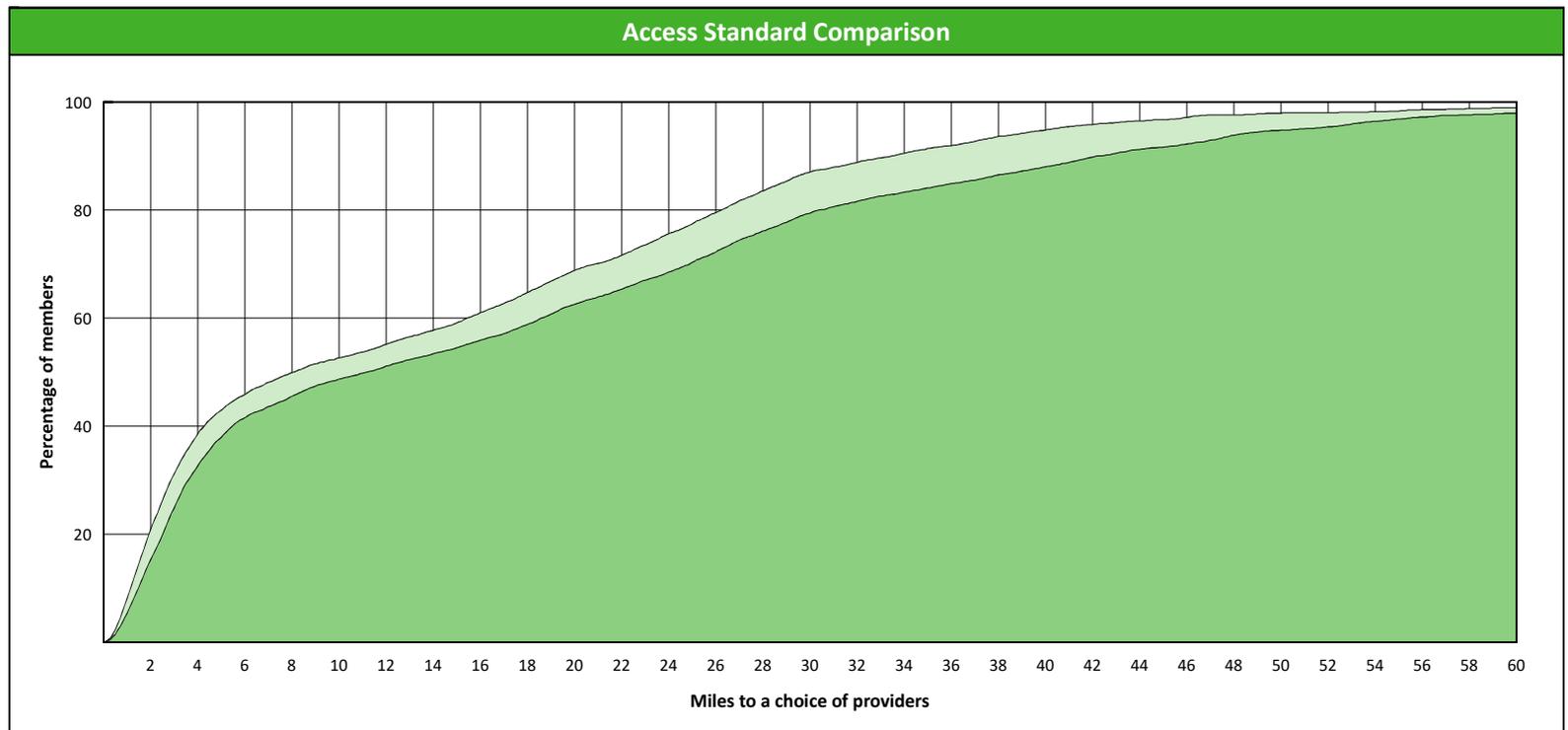
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Access Overview 60 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Endo

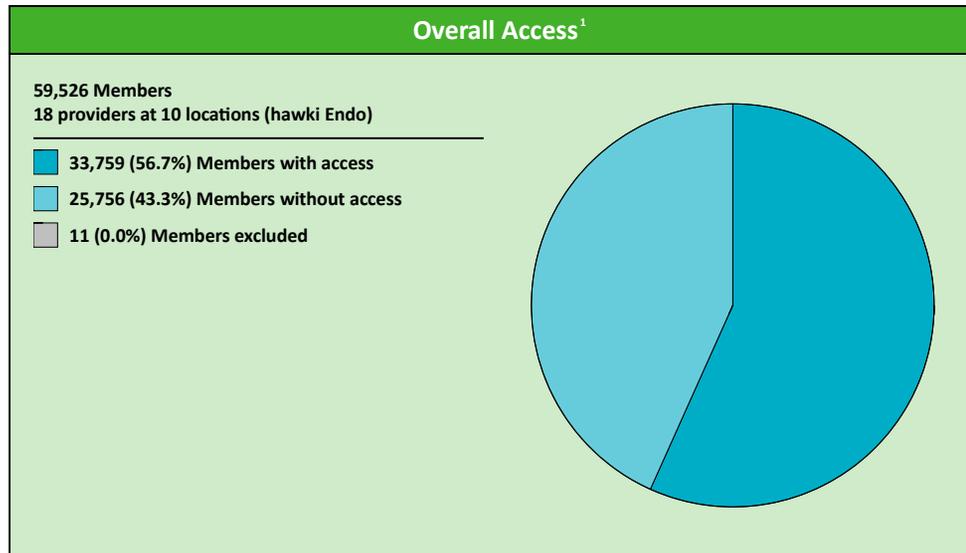
Comparison Graph

Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

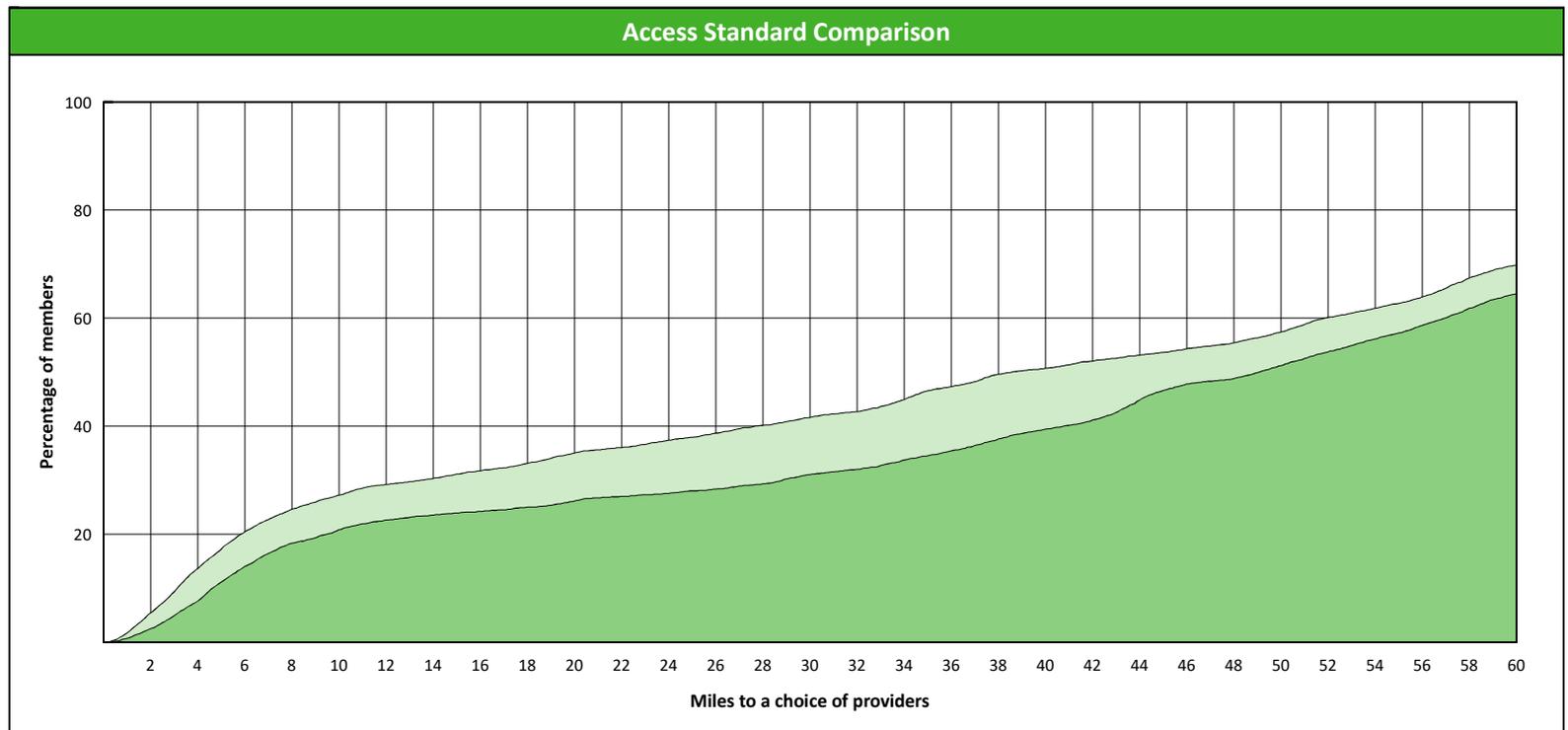
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Access Overview 60 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Ortho

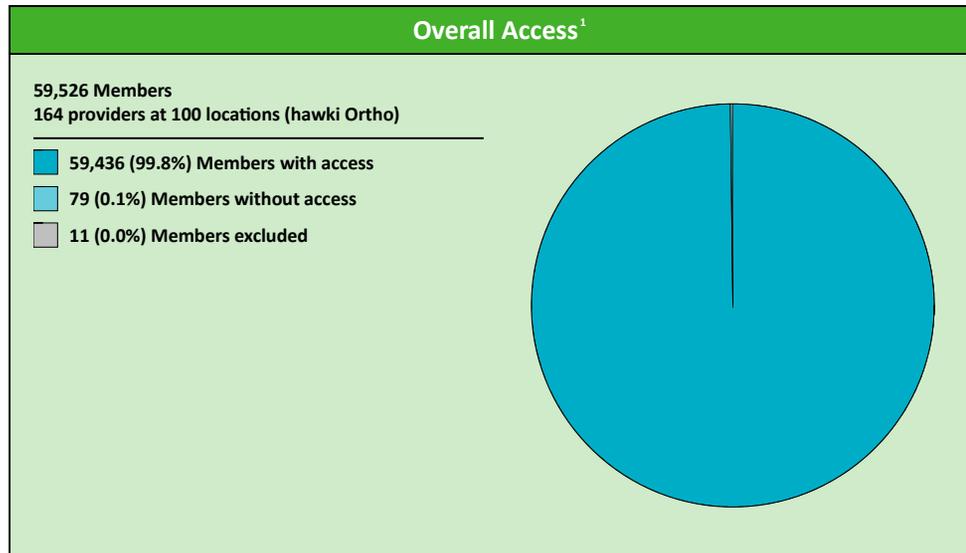
Comparison Graph

Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

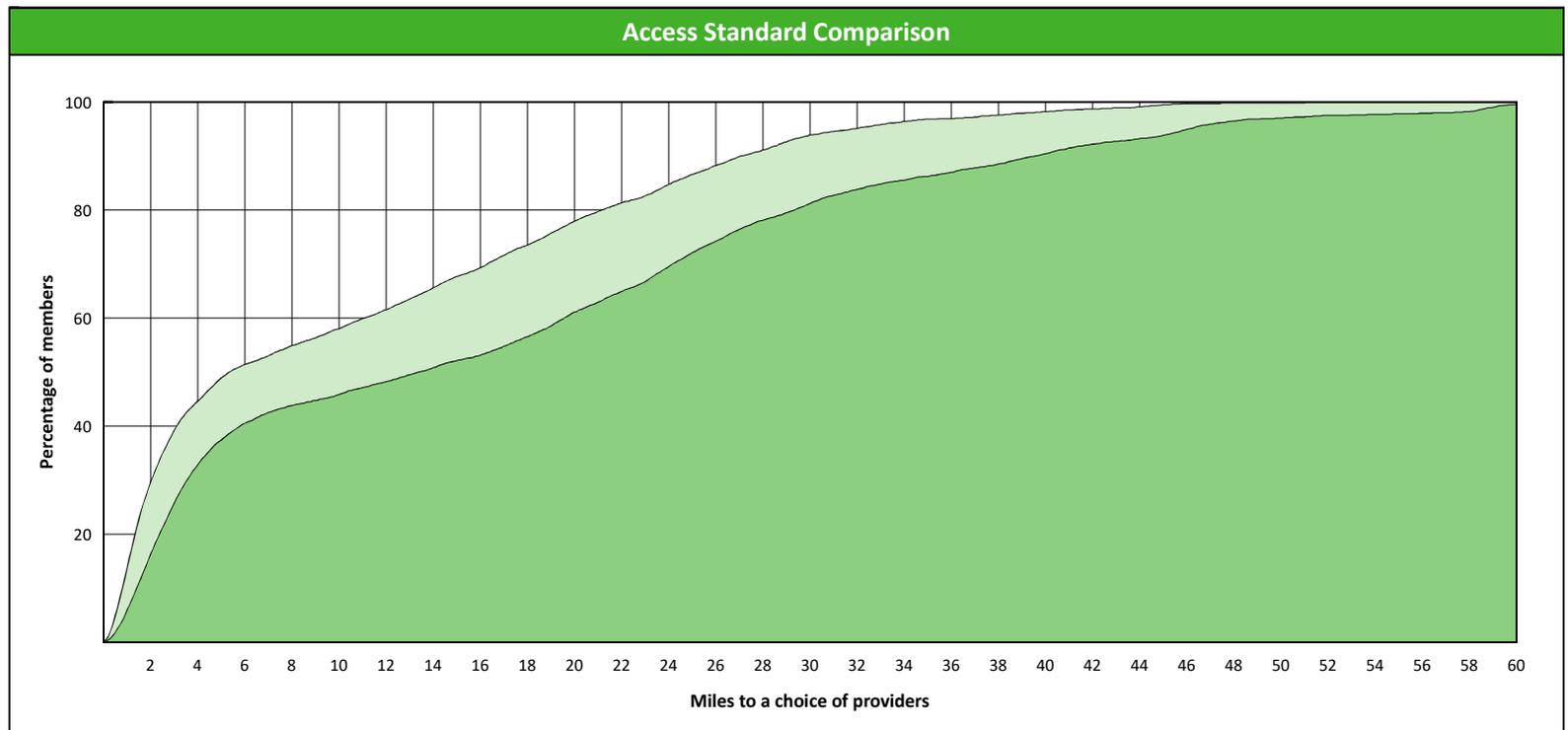
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Access Overview 60 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Perio

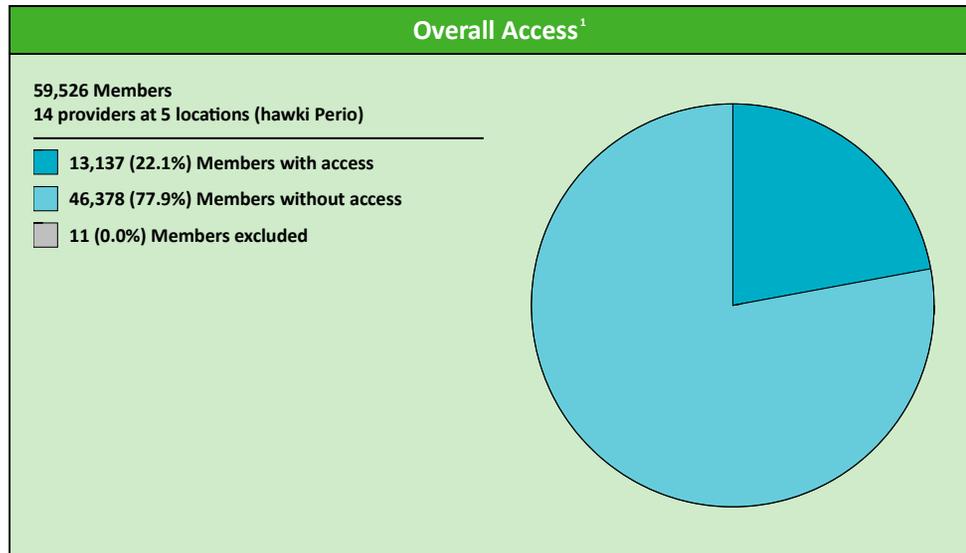
Comparison Graph

Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

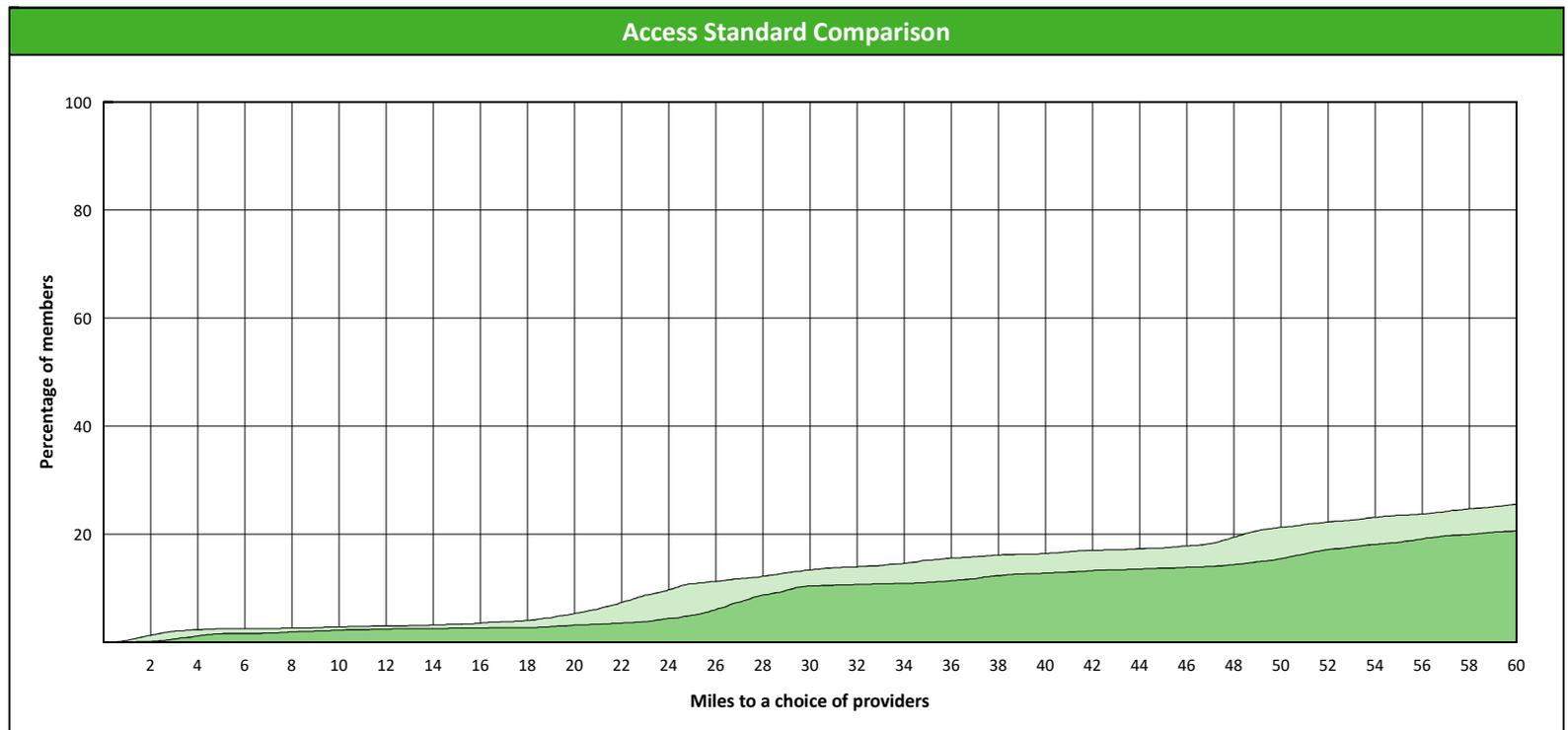
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Access Overview 60 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Prost

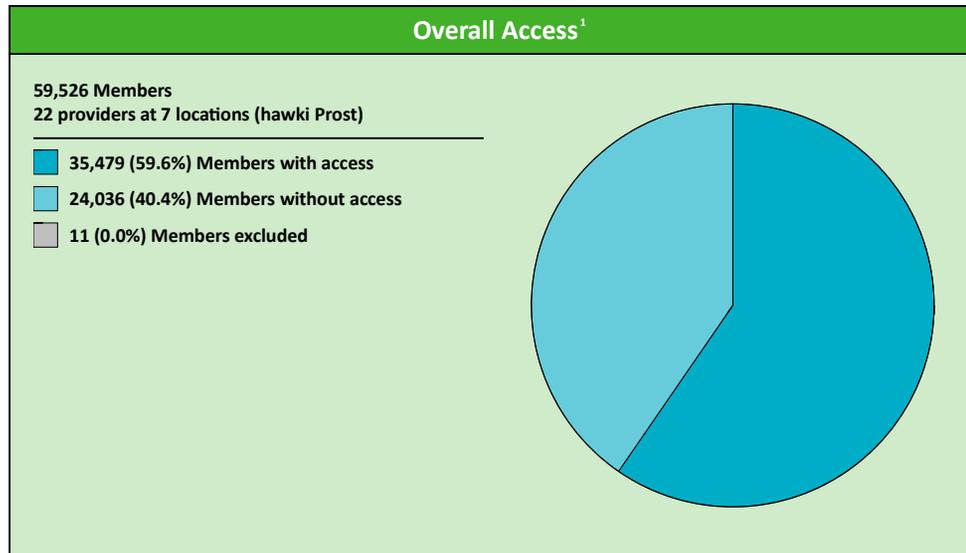
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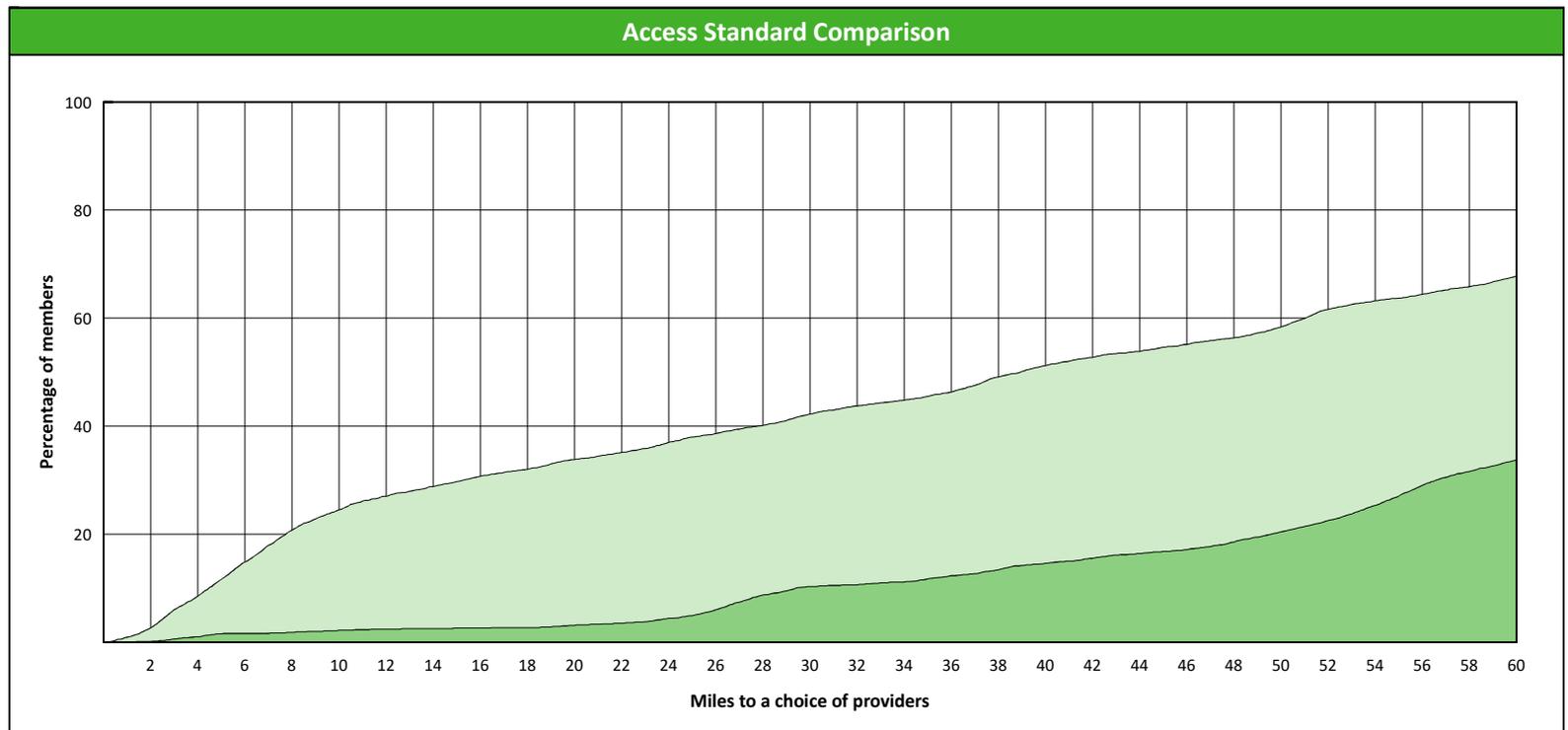
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Distances/Times

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Distance/Time to 1st closest provider	48.0 miles 57.0 mins
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Access Overview 90 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki GP

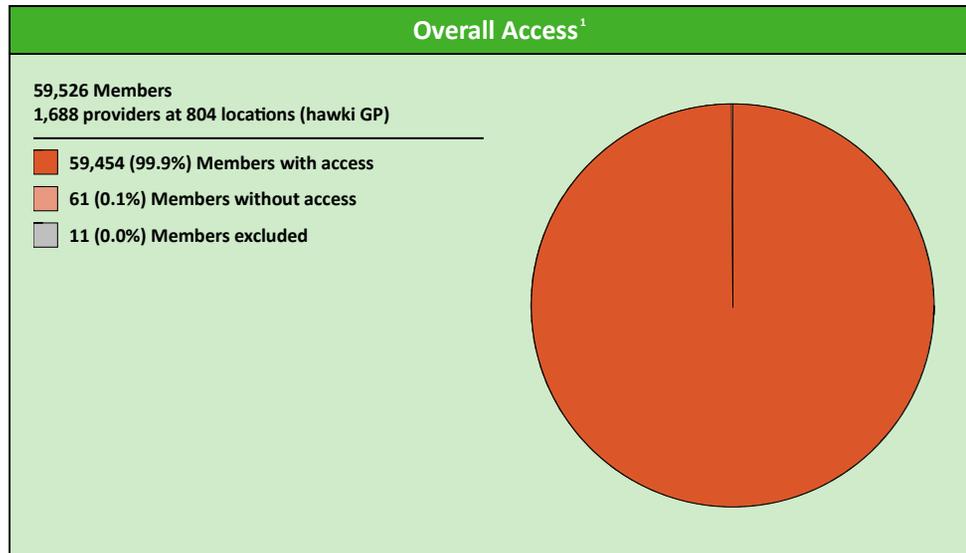
Comparison Graph

Percent of members with access to a choice of providers over miles

- 1st closest
- 2nd closest

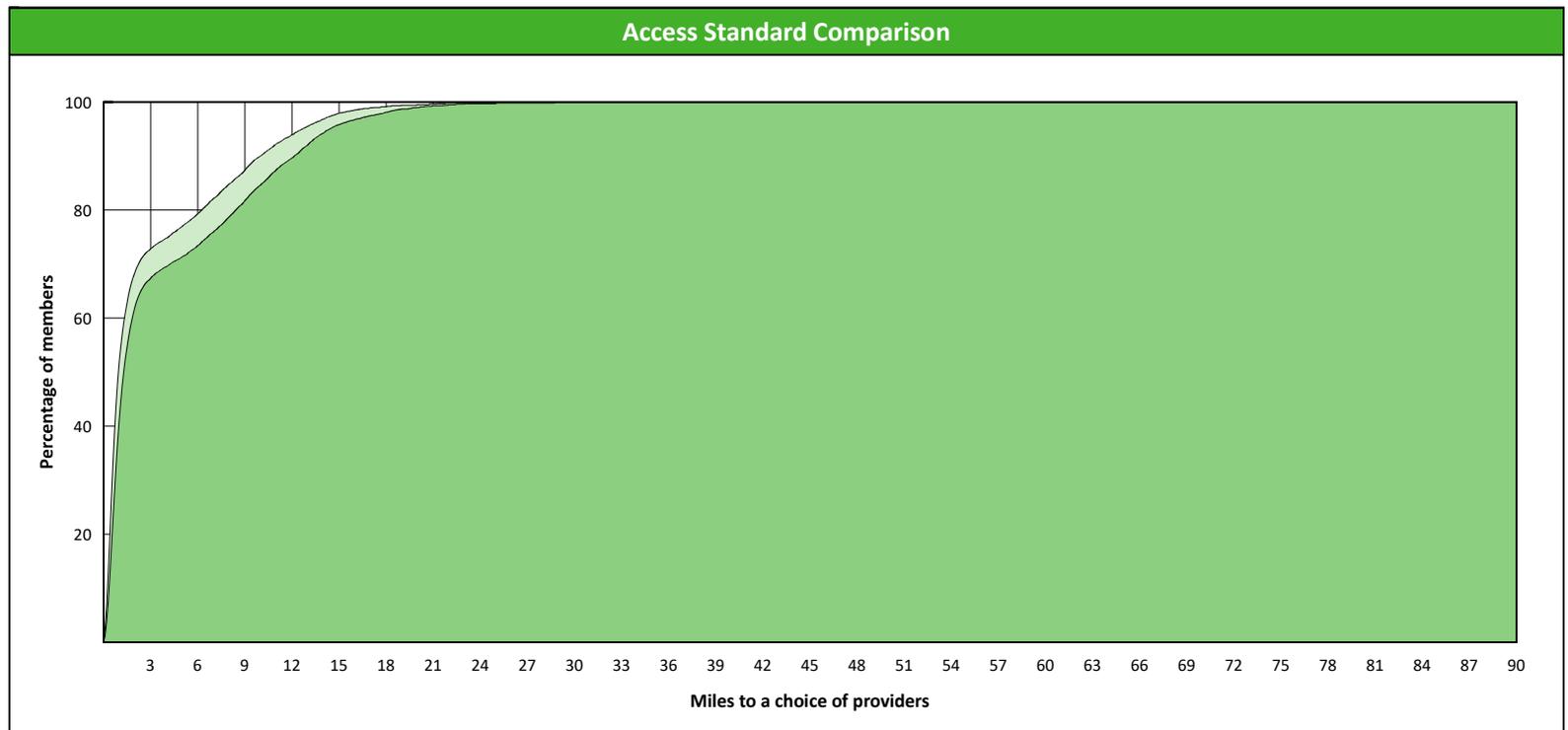
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- 1 (hawki GP) provider in 90 miles and 90 minutes



Distances/Times

		Average
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Access Overview 90 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki OS

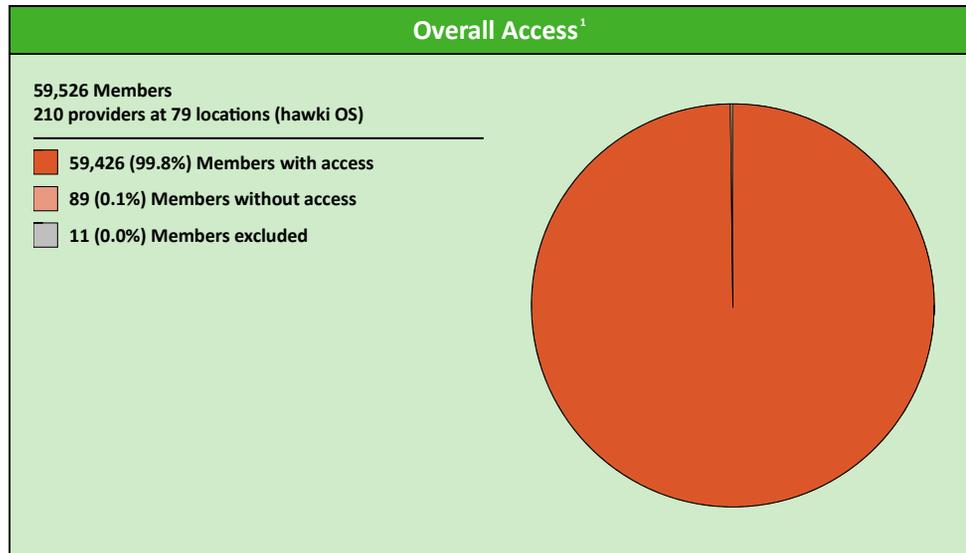
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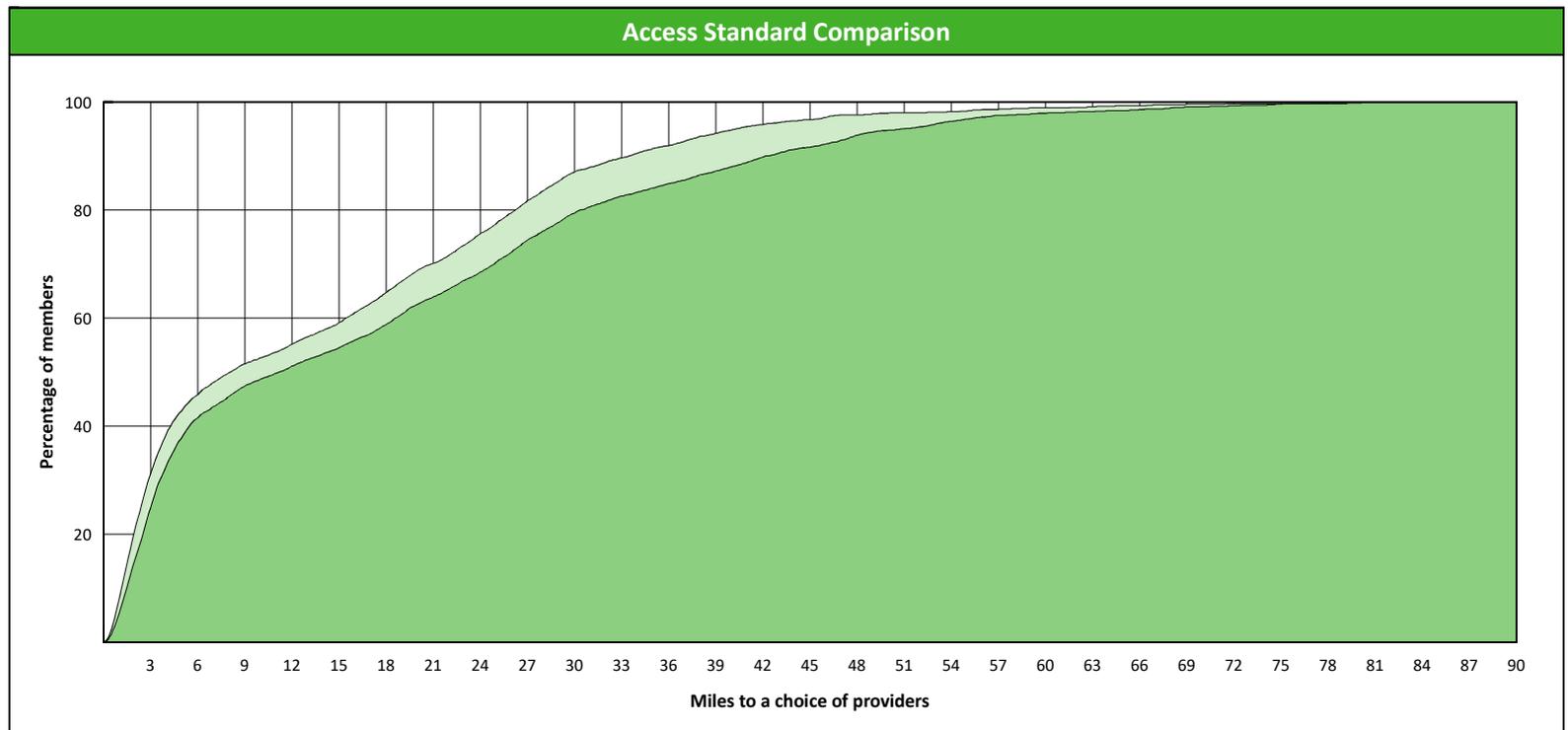
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Access Overview 90 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Endo

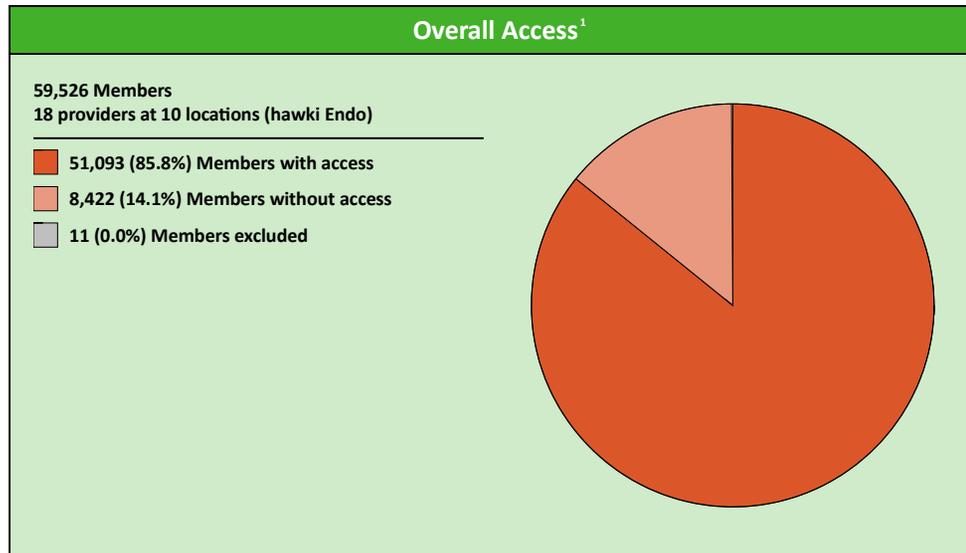
Comparison Graph

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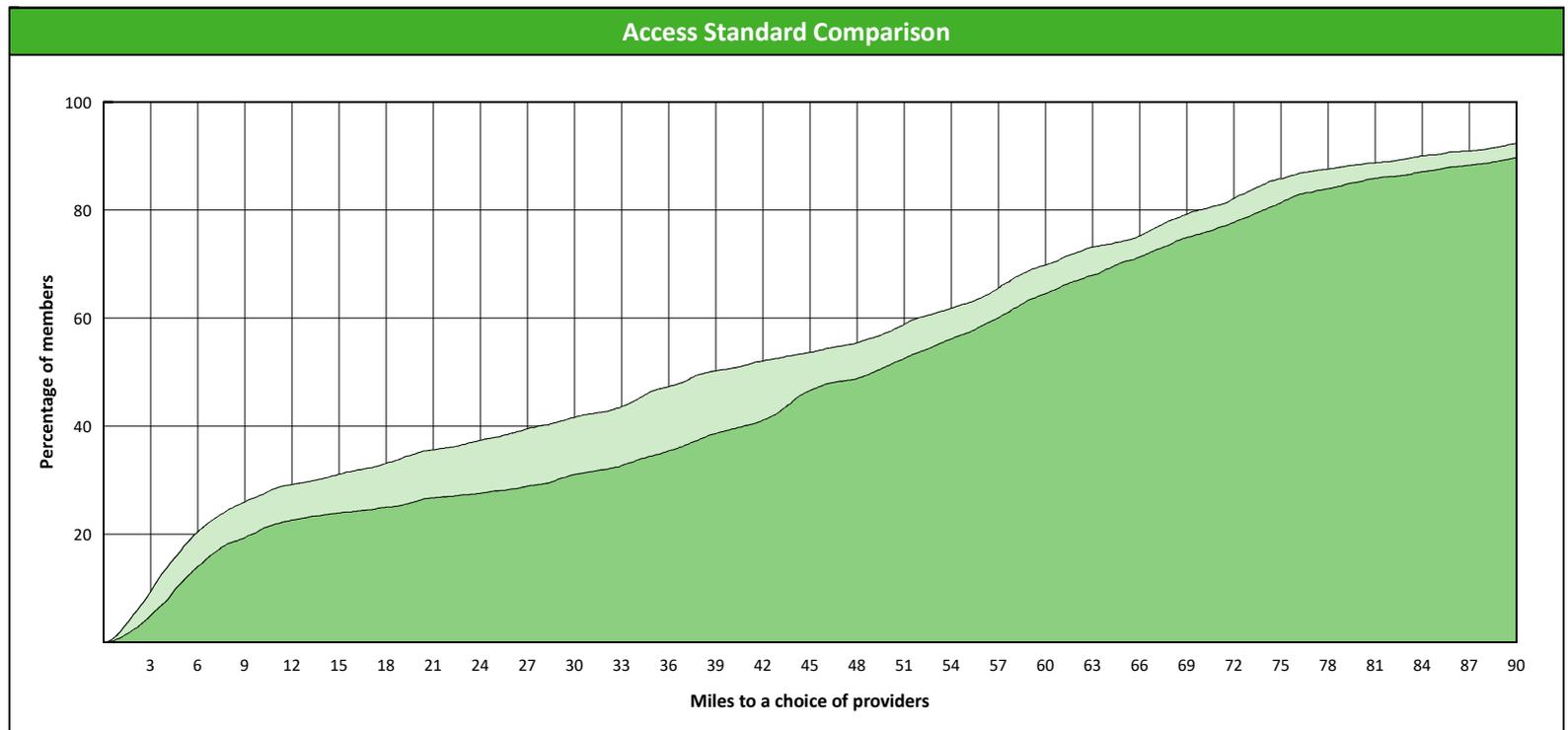
¹ The Access Standard is defined as (hawki Members) members accessing:

- 1 (hawki Endo) provider in 90 miles and 90 minutes



Distances/Times

	Average
Distance/Time to 1st closest provider	41.7 miles 50.9 mins
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Access Overview 90 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Ortho

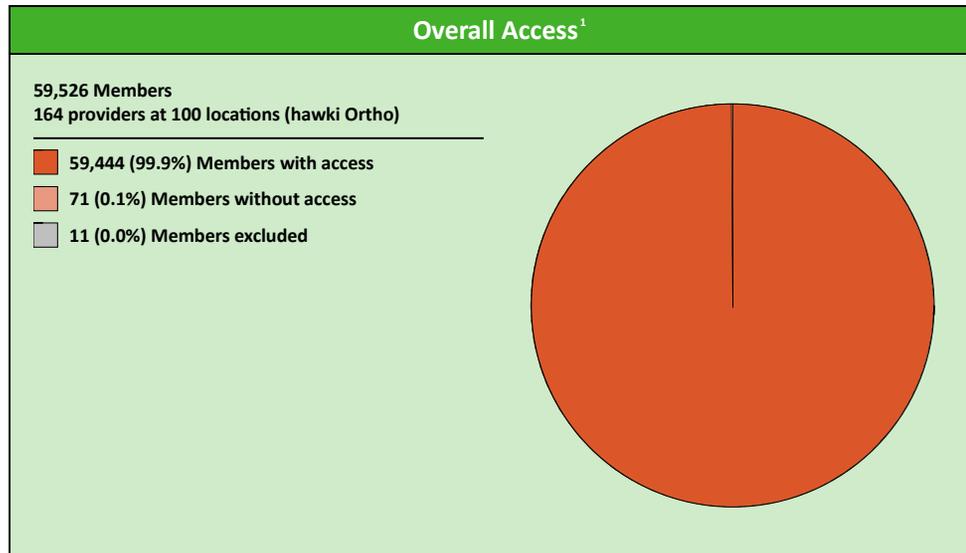
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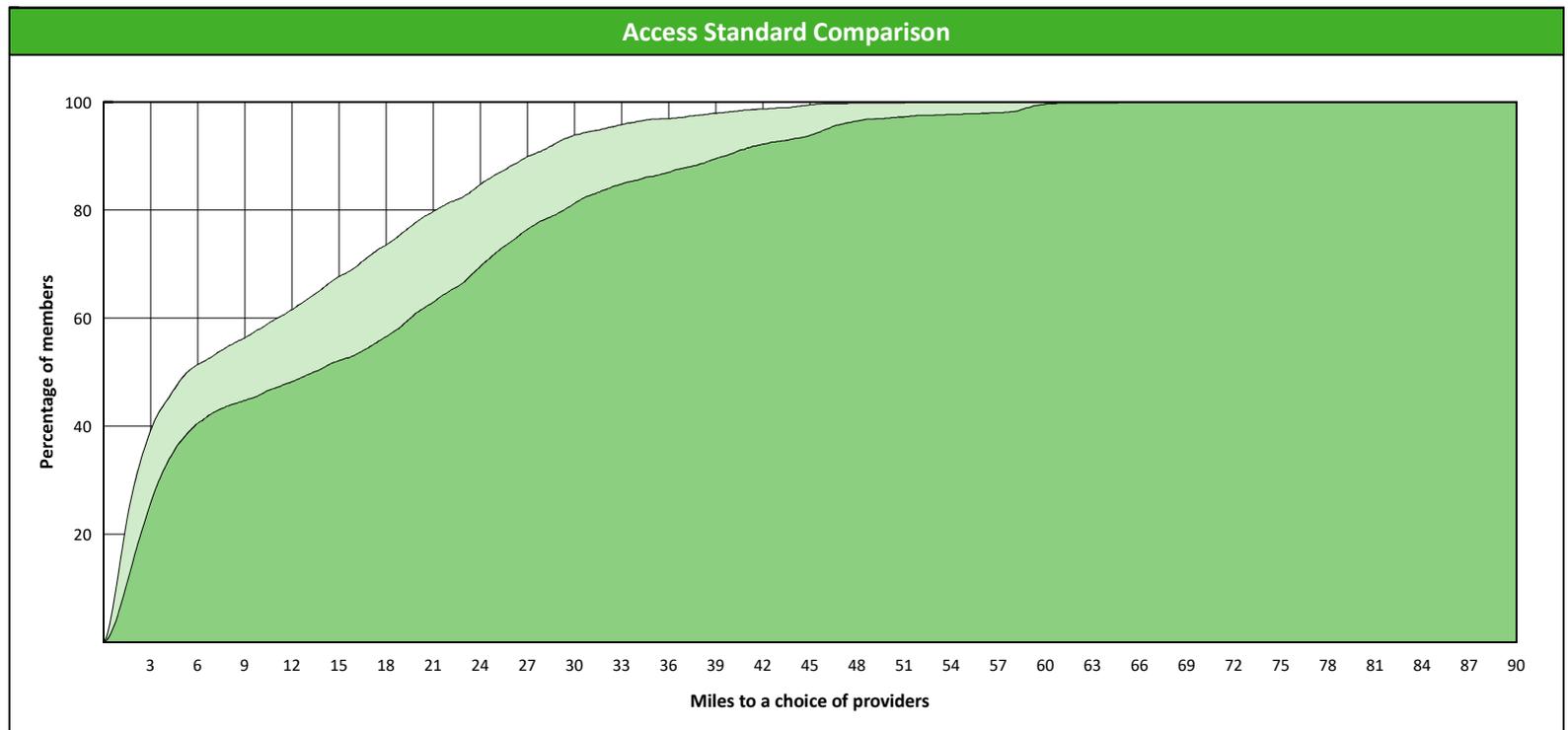
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1 (hawki Ortho) provider in 90 miles and 90 minutes



Distances/Times

	Average
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Access Overview 90 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Perio

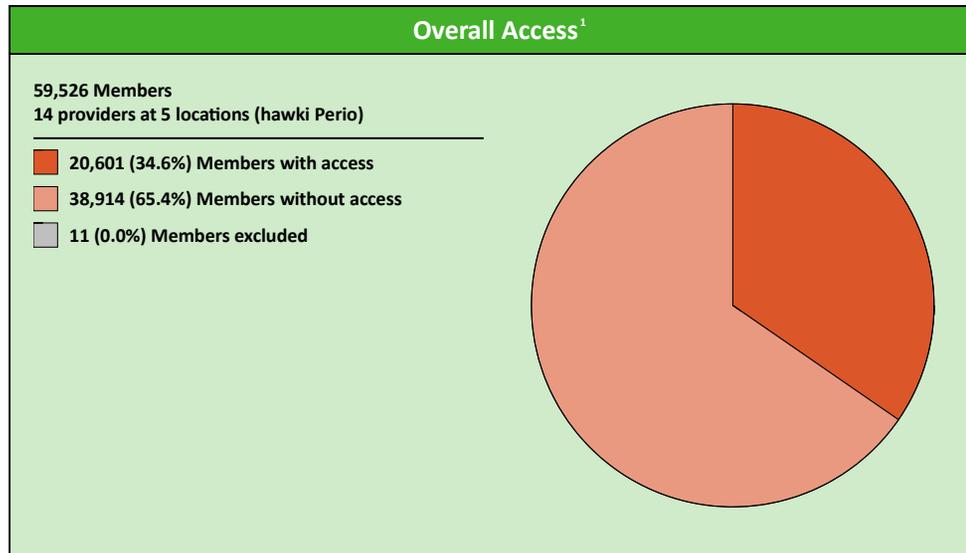
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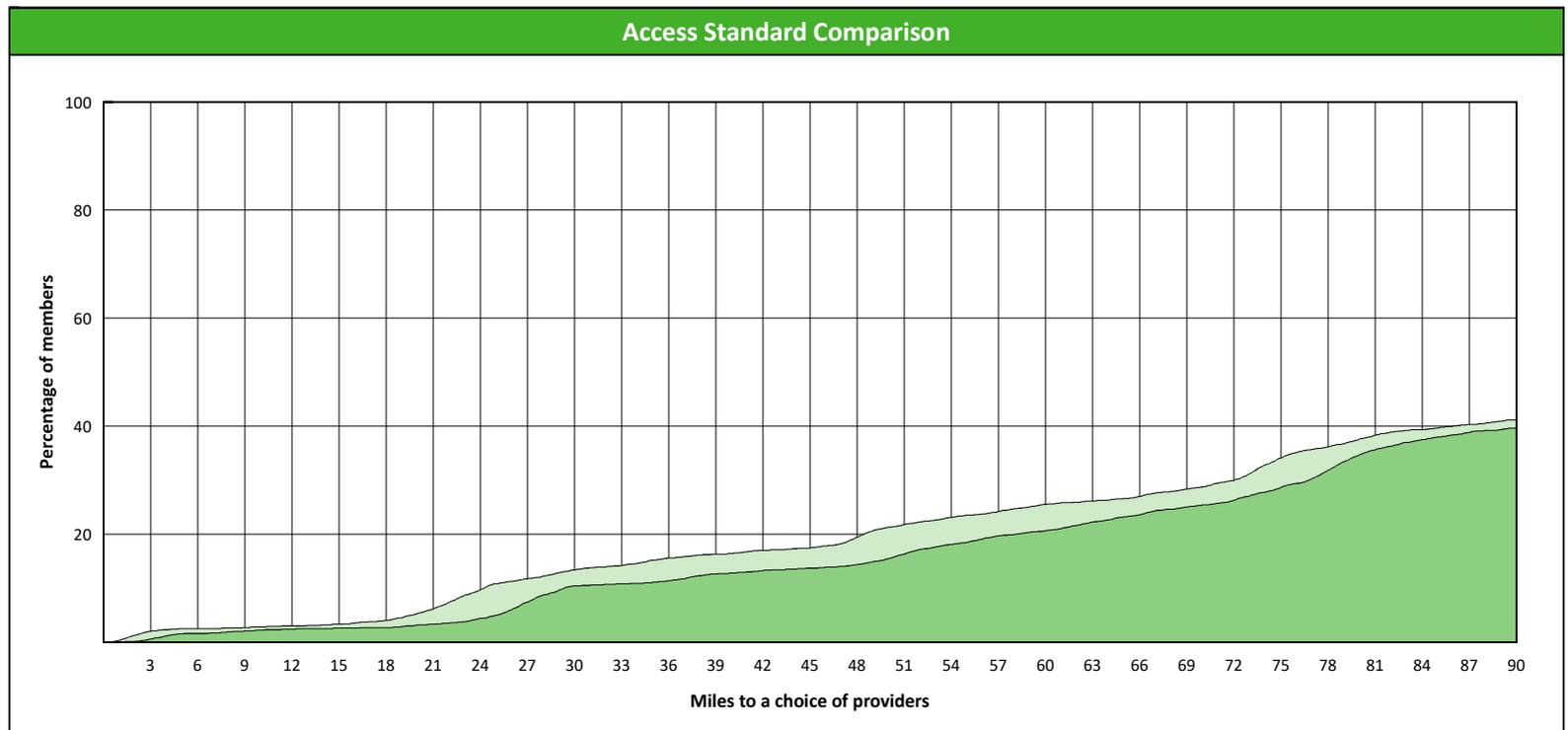
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Access Overview 90 Miles

July 29, 2019

Access Analysis

hawki

Member / Provider Groups

hawki Members

hawki Prost

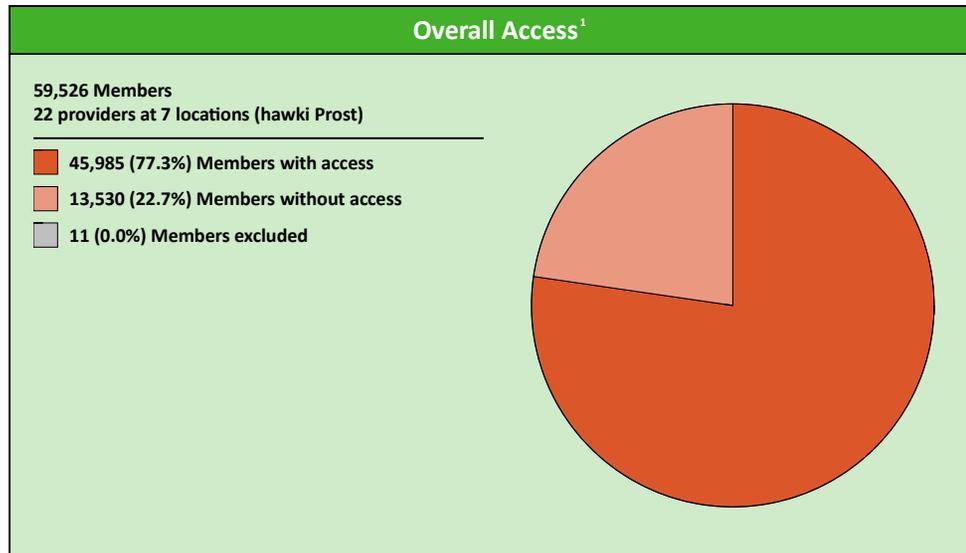
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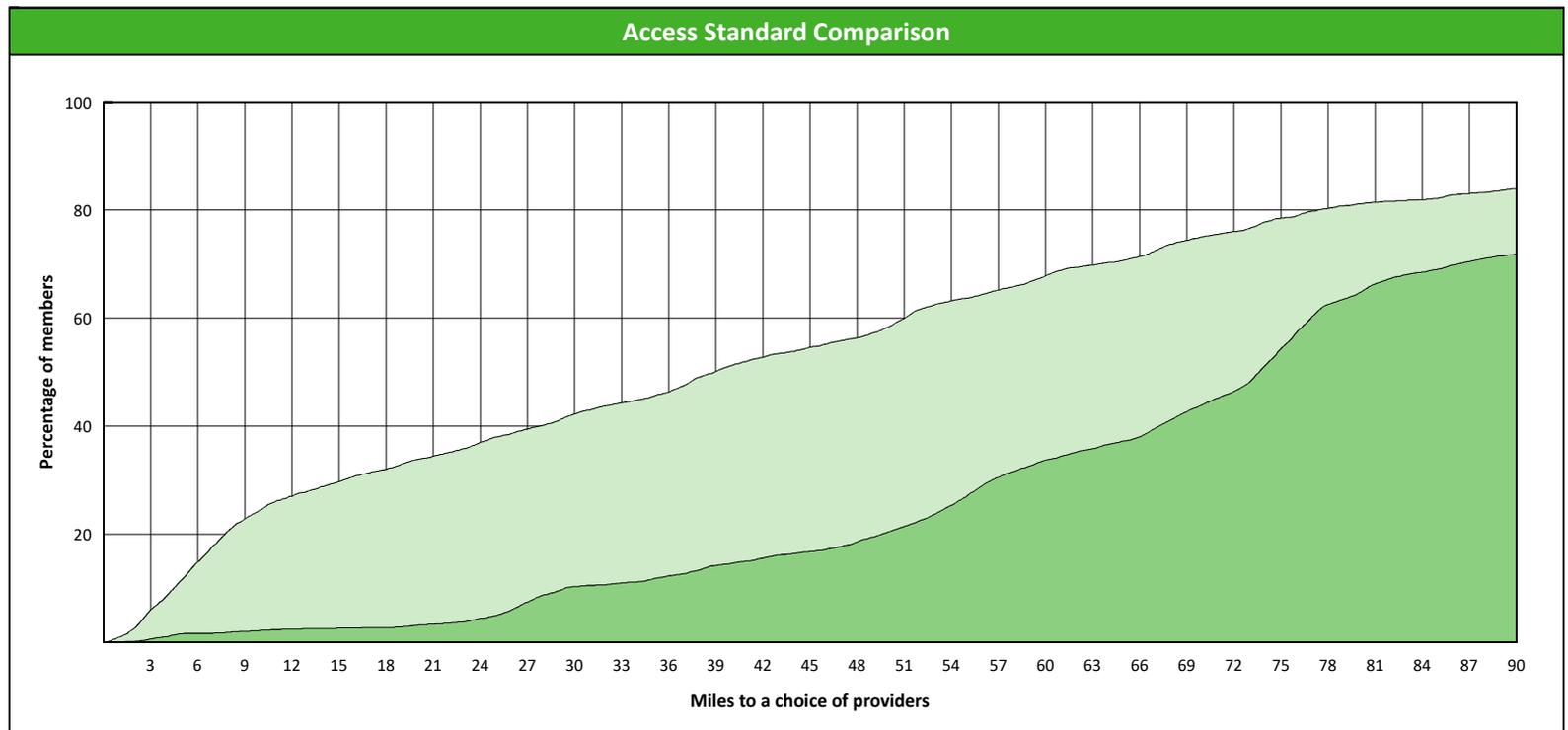
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Distances/Times

	Average
Distance/Time to 1st closest provider	48.0 miles 57.0 mins
Distance/Time to 2nd closest provider	80.8 miles 98.3 mins



hawk-i GP Access Map

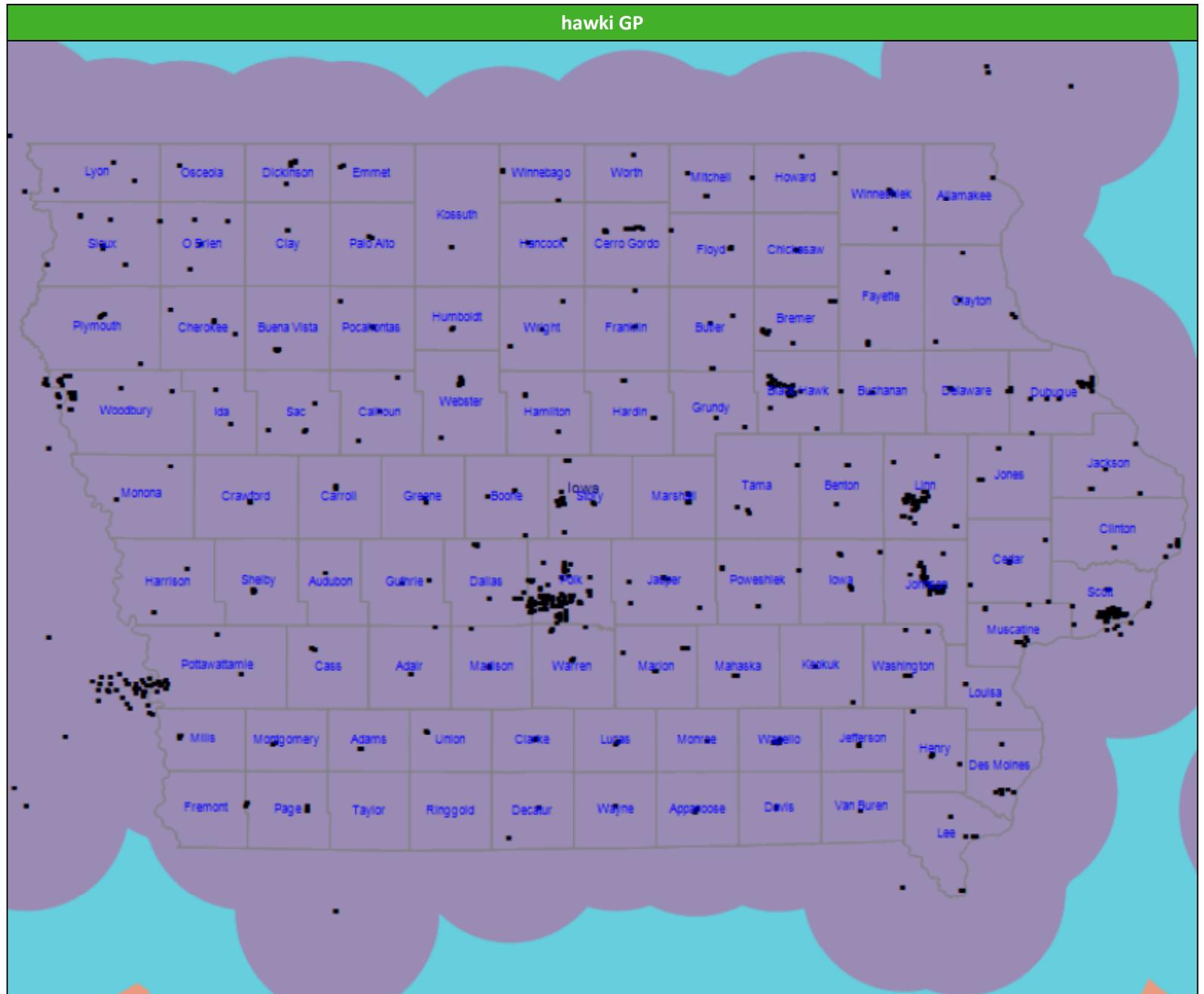
July 29, 2019

hawk-i GP

1,688 providers at 804 locations

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

41.42 miles



hawk-i Oral Surgeon Access Map

July 29, 2019

hawk-i OS

210 providers at 79 locations

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

41.42 miles



hawk-i Endodontist Access Map

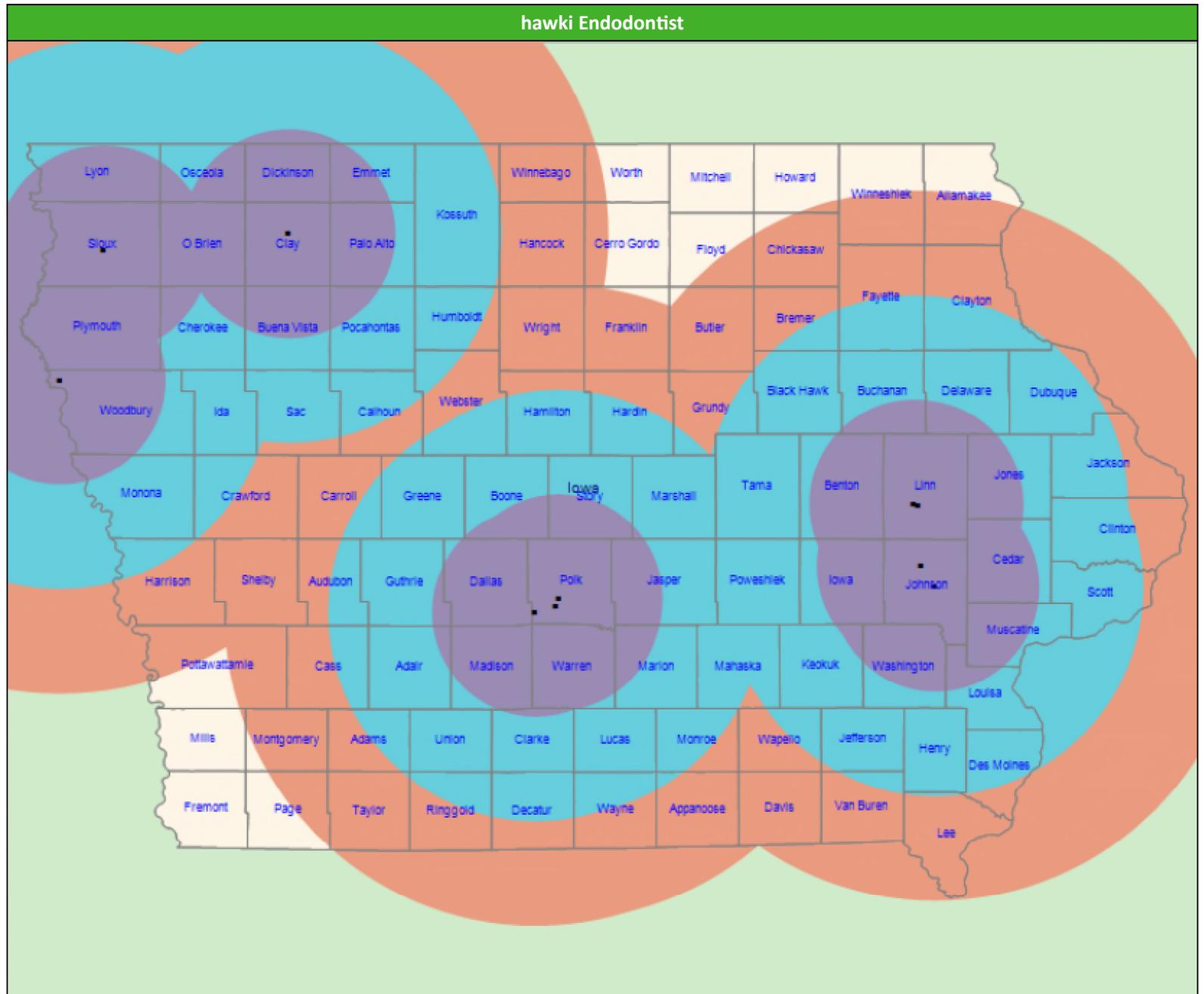
July 29, 2019

hawk-i Endo

18 providers at 10 locations

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

41.42 miles



hawk-i Orthodontist Access Map

July 29, 2019

hawk-i Ortho

164 providers at 100 locations

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

41.42 miles



hawk-i Periodontist Access Map

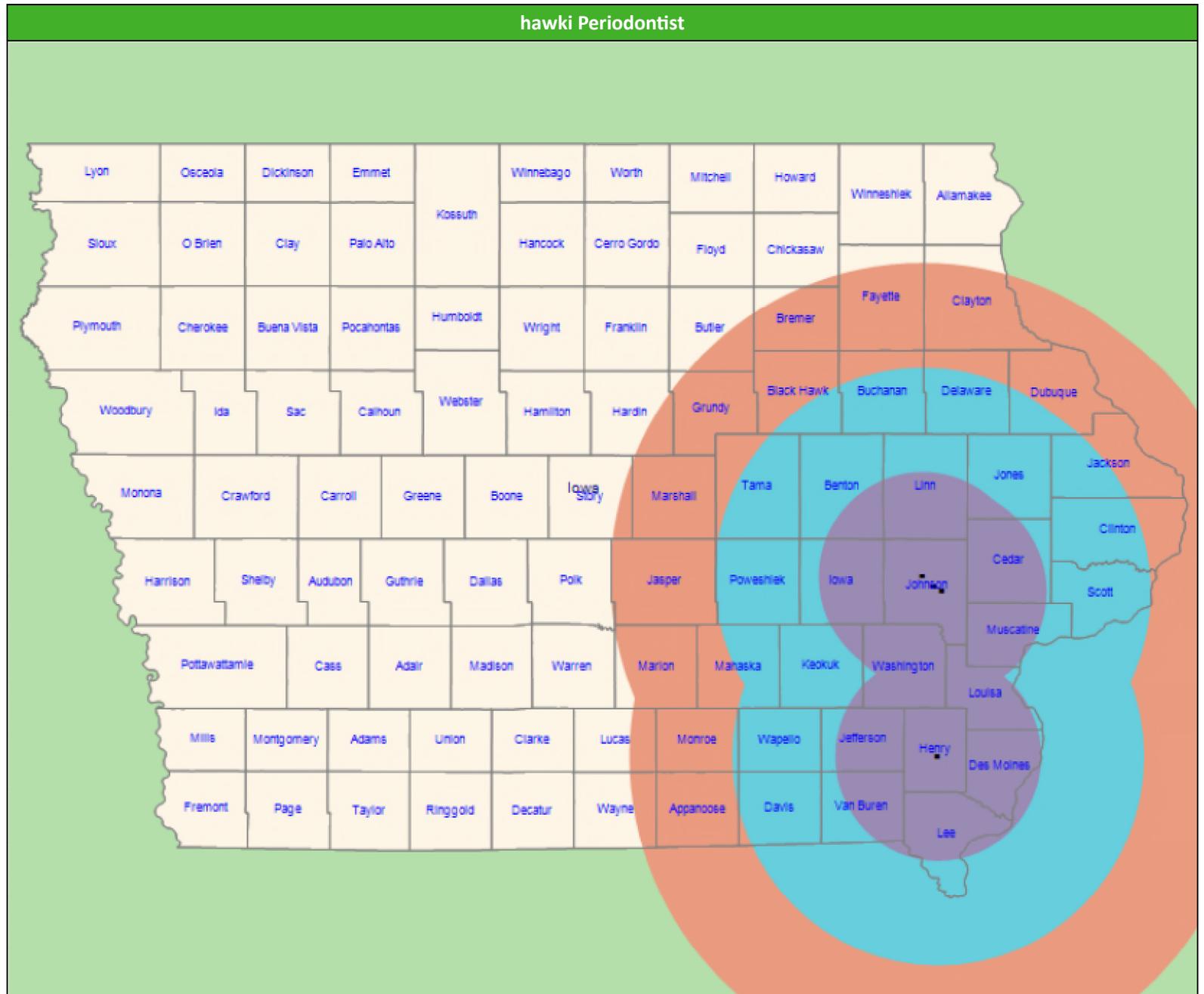
July 29, 2019

hawk-i Perio

14 providers at 5 locations

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

41.42 miles



Access Summary By State Name

July 29, 2019

Access Analysis

- hawki
- Member Group**
- hawki Members
- Provider Group**
- hawki GP
- hawki OS
- hawki Endo
- hawki Ortho
- hawki Perio
- hawki Prost

¹ Provider counts represent:
 P: Unique providers
 L: Unique provider locations

** These records have been excluded from the analysis because of invalid zip codes.

All Members												
Member		Provider		With Access		Without Access		Counts ¹		Average Distance		Average Time
Group	#	Group	Standard	#	%	#	%	P	L	1	2	1
hawki Members	59,515	hawki GP	1 in 30 miles an...	59,434	99.9	81	0.1	1,688	804	3.9	4.8	4.4
		hawki GP	1 in 60 miles an...	59,450	99.9	65	0.1	1,688	804	3.9	4.8	4.4
		hawki GP	1 in 90 miles an...	59,454	99.9	61	0.1	1,688	804	3.9	4.8	4.4
		hawki OS	1 in 30 miles an...	48,722	81.9	10,793	18.1	210	79	15.0	18.1	16.9
		hawki OS	1 in 60 miles an...	58,388	98.1	1,127	1.9	210	79	15.0	18.1	16.9
		hawki OS	1 in 90 miles an...	59,426	99.9	89	0.1	210	79	15.0	18.1	16.9
		hawki Endo	1 in 30 miles an...	22,845	38.4	36,670	61.6	18	10	41.7	48.7	50.9
		hawki Endo	1 in 60 miles an...	33,759	56.7	25,756	43.3	18	10	41.7	48.7	50.9
		hawki Endo	1 in 90 miles an...	51,093	85.8	8,422	14.2	18	10	41.7	48.7	50.9
		hawki Ortho	1 in 30 miles an...	53,322	89.6	6,193	10.4	164	100	11.7	17.6	13.1
		hawki Ortho	1 in 60 miles an...	59,436	99.9	79	0.1	164	100	11.7	17.6	13.1
		hawki Ortho	1 in 90 miles an...	59,444	99.9	71	0.1	164	100	11.7	17.6	13.1
		hawki Perio	1 in 30 miles an...	6,243	10.5	53,272	89.5	14	5	114.5	119.7	134.0
		hawki Perio	1 in 60 miles an...	13,137	22.1	46,378	77.9	14	5	114.5	119.7	134.0
		hawki Perio	1 in 90 miles an...	20,601	34.6	38,914	65.4	14	5	114.5	119.7	134.0
		hawki Prost	1 in 30 miles an...	22,980	38.6	36,535	61.4	22	7	48.0	80.8	57.0
		hawki Prost	1 in 60 miles an...	35,479	59.6	24,036	40.4	22	7	48.0	80.8	57.0
		hawki Prost	1 in 90 miles an...	45,985	77.3	13,530	22.7	22	7	48.0	80.8	57.0

Key Geographic Areas										
State Name	Member	Provider		With Access		Without Access		Average Distance		Average Time
	#	Group	Standard	#	%	#	%	1	2	1
Iowa	59,421	hawki GP	1 in 60 miles and 60 mins	59,421	100.0	0	0.0	3.1	4.0	3.4
		hawki GP	1 in 90 miles and 90 mins	59,421	100.0	0	0.0	3.1	4.0	3.4
		hawki Ortho	1 in 90 miles and 90 mins	59,421	100.0	0	0.0	10.8	16.7	12.0
		hawki Ortho	1 in 60 miles and 60 mins	59,419	99.9	2	0.1	10.8	16.7	12.0
		hawki GP	1 in 30 miles and 30 mins	59,412	99.9	9	0.1	3.1	4.0	3.4
		hawki OS	1 in 90 miles and 90 mins	59,399	99.9	22	0.1	14.1	17.2	15.9
		hawki OS	1 in 60 miles and 60 mins	58,365	98.2	1,056	1.8	14.1	17.2	15.9
		hawki Ortho	1 in 30 miles and 30 mins	53,307	89.7	6,114	10.3	10.8	16.7	12.0
		hawki Endo	1 in 90 miles and 90 mins	51,083	86.0	8,338	14.0	40.8	47.8	49.8
		hawki OS	1 in 30 miles and 30 mins	48,705	82.0	10,716	18.0	14.1	17.2	15.9
		hawki Prost	1 in 90 miles and 90 mins	45,977	77.4	13,444	22.6	47.0	79.8	55.8
		hawki Prost	1 in 60 miles and 60 mins	35,476	59.7	23,945	40.3	47.0	79.8	55.8
		hawki Endo	1 in 60 miles and 60 mins	33,755	56.8	25,666	43.2	40.8	47.8	49.8
		hawki Prost	1 in 30 miles and 30 mins	22,980	38.7	36,441	61.3	47.0	79.8	55.8
		hawki Endo	1 in 30 miles and 30 mins	22,842	38.4	36,579	61.6	40.8	47.8	49.8
hawki Perio	1 in 90 miles and 90 mins	20,597	34.7	38,824	65.3	113.5	118.7	132.8		
hawki Perio	1 in 60 miles and 60 mins	13,136	22.1	46,285	77.9	113.5	118.7	132.8		

Access Summary By City

July 29, 2019

Access Analysis

- hawki
- Member Group**
- hawki Members
- Provider Group**
- hawki GP
- hawki OS
- hawki Endo
- hawki Ortho
- hawki Perio
- hawki Prost

¹ Provider counts represent:
 P: Unique providers
 L: Unique provider locations

** These records have been excluded from the analysis because of invalid zip codes.

All Members												
Member		Provider		With Access		Without Access		Counts ¹		Average Distance		Average Time
Group	#	Group	Standard	#	%	#	%	P	L	1	2	1
hawki Members	59,515	hawki GP	1 in 30 miles an...	59,434	99.9	81	0.1	1,688	804	3.9	4.8	4.4
		hawki GP	1 in 60 miles an...	59,450	99.9	65	0.1	1,688	804	3.9	4.8	4.4
		hawki GP	1 in 90 miles an...	59,454	99.9	61	0.1	1,688	804	3.9	4.8	4.4
		hawki OS	1 in 30 miles an...	48,722	81.9	10,793	18.1	210	79	15.0	18.1	16.9
		hawki OS	1 in 60 miles an...	58,388	98.1	1,127	1.9	210	79	15.0	18.1	16.9
		hawki OS	1 in 90 miles an...	59,426	99.9	89	0.1	210	79	15.0	18.1	16.9
		hawki Endo	1 in 30 miles an...	22,845	38.4	36,670	61.6	18	10	41.7	48.7	50.9
		hawki Endo	1 in 60 miles an...	33,759	56.7	25,756	43.3	18	10	41.7	48.7	50.9
		hawki Endo	1 in 90 miles an...	51,093	85.8	8,422	14.2	18	10	41.7	48.7	50.9
		hawki Ortho	1 in 30 miles an...	53,322	89.6	6,193	10.4	164	100	11.7	17.6	13.1
		hawki Ortho	1 in 60 miles an...	59,436	99.9	79	0.1	164	100	11.7	17.6	13.1
		hawki Ortho	1 in 90 miles an...	59,444	99.9	71	0.1	164	100	11.7	17.6	13.1
		hawki Perio	1 in 30 miles an...	6,243	10.5	53,272	89.5	14	5	114.5	119.7	134.0
		hawki Perio	1 in 60 miles an...	13,137	22.1	46,378	77.9	14	5	114.5	119.7	134.0
		hawki Perio	1 in 90 miles an...	20,601	34.6	38,914	65.4	14	5	114.5	119.7	134.0
		hawki Prost	1 in 30 miles an...	22,980	38.6	36,535	61.4	22	7	48.0	80.8	57.0
		hawki Prost	1 in 60 miles an...	35,479	59.6	24,036	40.4	22	7	48.0	80.8	57.0
		hawki Prost	1 in 90 miles an...	45,985	77.3	13,530	22.7	22	7	48.0	80.8	57.0

Key Geographic Areas										
City	Member	Provider		With Access		Without Access		Average Distance		Average Time
	#	Group	Standard	#	%	#	%	1	2	1
Des Moines, IA	4,647	hawki Endo	1 in 30 miles and 30 mins	4,647	100.0	0	0.0	3.9	4.5	6.1
		hawki Endo	1 in 60 miles and 60 mins	4,647	100.0	0	0.0	3.9	4.5	6.1
		hawki Endo	1 in 90 miles and 90 mins	4,647	100.0	0	0.0	3.9	4.5	6.1
		hawki GP	1 in 30 miles and 30 mins	4,647	100.0	0	0.0	0.8	1.0	1.3
		hawki GP	1 in 60 miles and 60 mins	4,647	100.0	0	0.0	0.8	1.0	1.3
		hawki GP	1 in 90 miles and 90 mins	4,647	100.0	0	0.0	0.8	1.0	1.3
		hawki Ortho	1 in 30 miles and 30 mins	4,647	100.0	0	0.0	3.0	3.6	4.6
		hawki Ortho	1 in 60 miles and 60 mins	4,647	100.0	0	0.0	3.0	3.6	4.6
		hawki Ortho	1 in 90 miles and 90 mins	4,647	100.0	0	0.0	3.0	3.6	4.6
		hawki OS	1 in 30 miles and 30 mins	4,647	100.0	0	0.0	3.1	3.4	4.7
		hawki OS	1 in 60 miles and 60 mins	4,647	100.0	0	0.0	3.1	3.4	4.7
		hawki OS	1 in 90 miles and 90 mins	4,647	100.0	0	0.0	3.1	3.4	4.7
		hawki Prost	1 in 30 miles and 30 mins	4,647	100.0	0	0.0	5.2	77.4	7.7
		hawki Prost	1 in 60 miles and 60 mins	4,647	100.0	0	0.0	5.2	77.4	7.7
		hawki Prost	1 in 90 miles and 90 mins	4,647	100.0	0	0.0	5.2	77.4	7.7
		hawki Perio	1 in 30 miles and 30 mins	0	0.0	4,647	100.0	106.0	109.2	145.2
		hawki Perio	1 in 60 miles and 60 mins	0	0.0	4,647	100.0	106.0	109.2	145.2