

# ***Network Access Analysis***

*Hawki*

***Delta Dental of Iowa***

---

*April 8, 2020*

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# Access Overview 30 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki GP

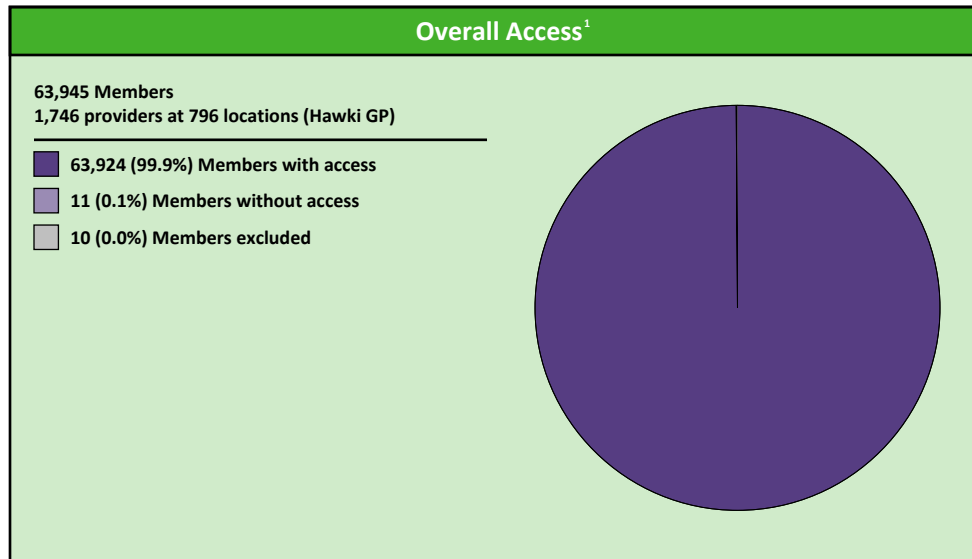
**Comparison Graph**

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

- 1st closest
- 2nd closest

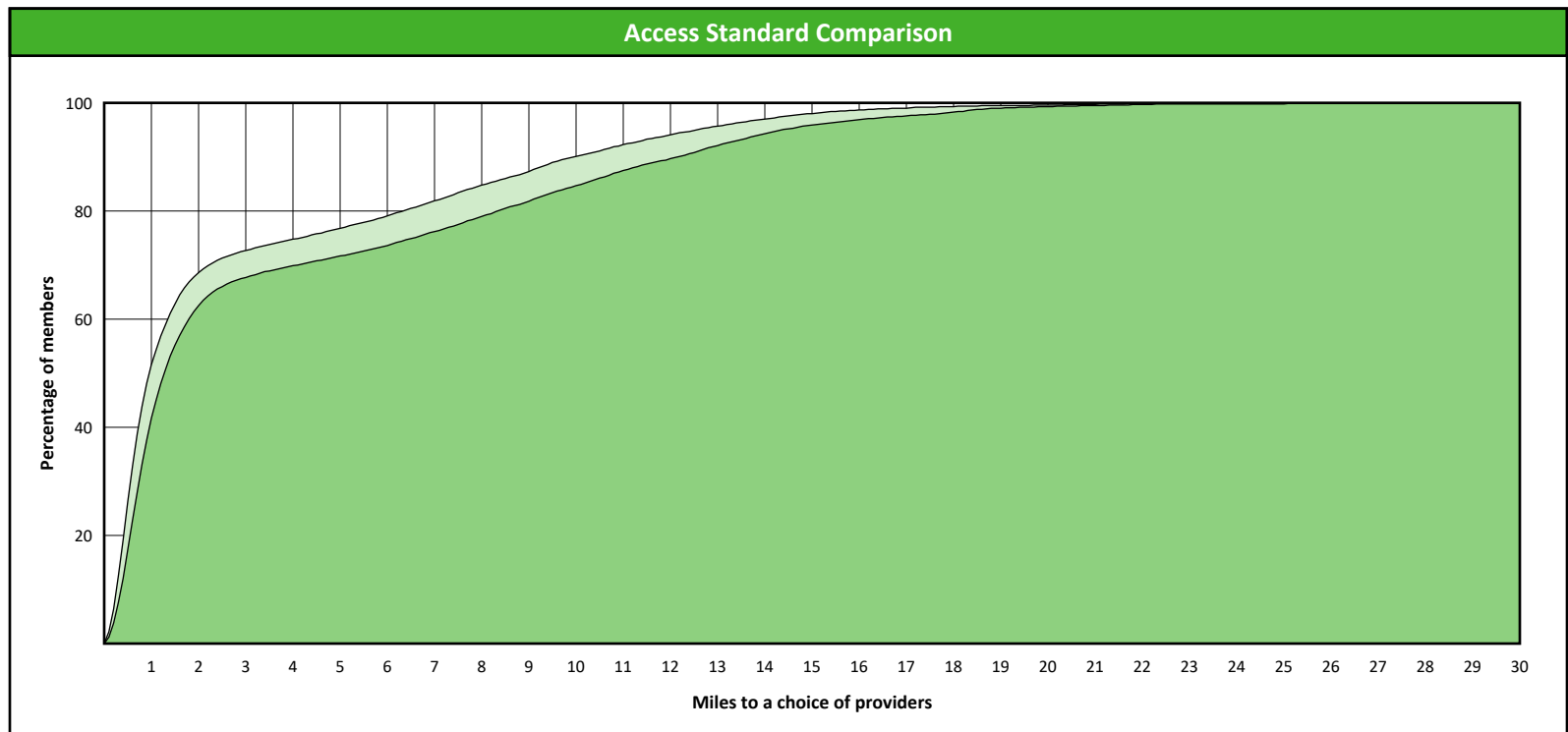
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

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



### Distances/Times

	Average
Distance/Time to 1st closest provider	3.1 miles 3.4 mins
Distance/Time to 2nd closest provider	4.0 miles 4.4 mins



# Access Overview 30 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki OS

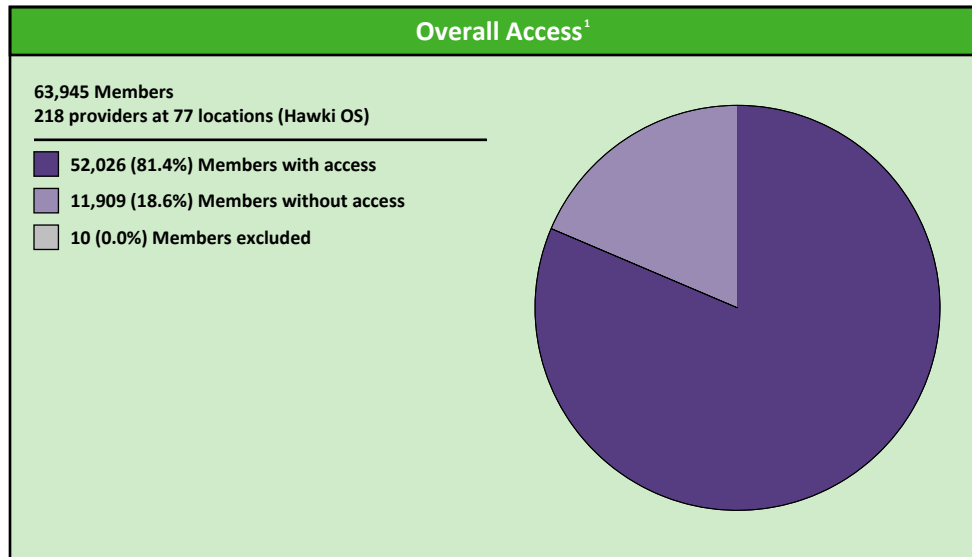
**Comparison Graph**

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

- 1st closest
- 2nd closest

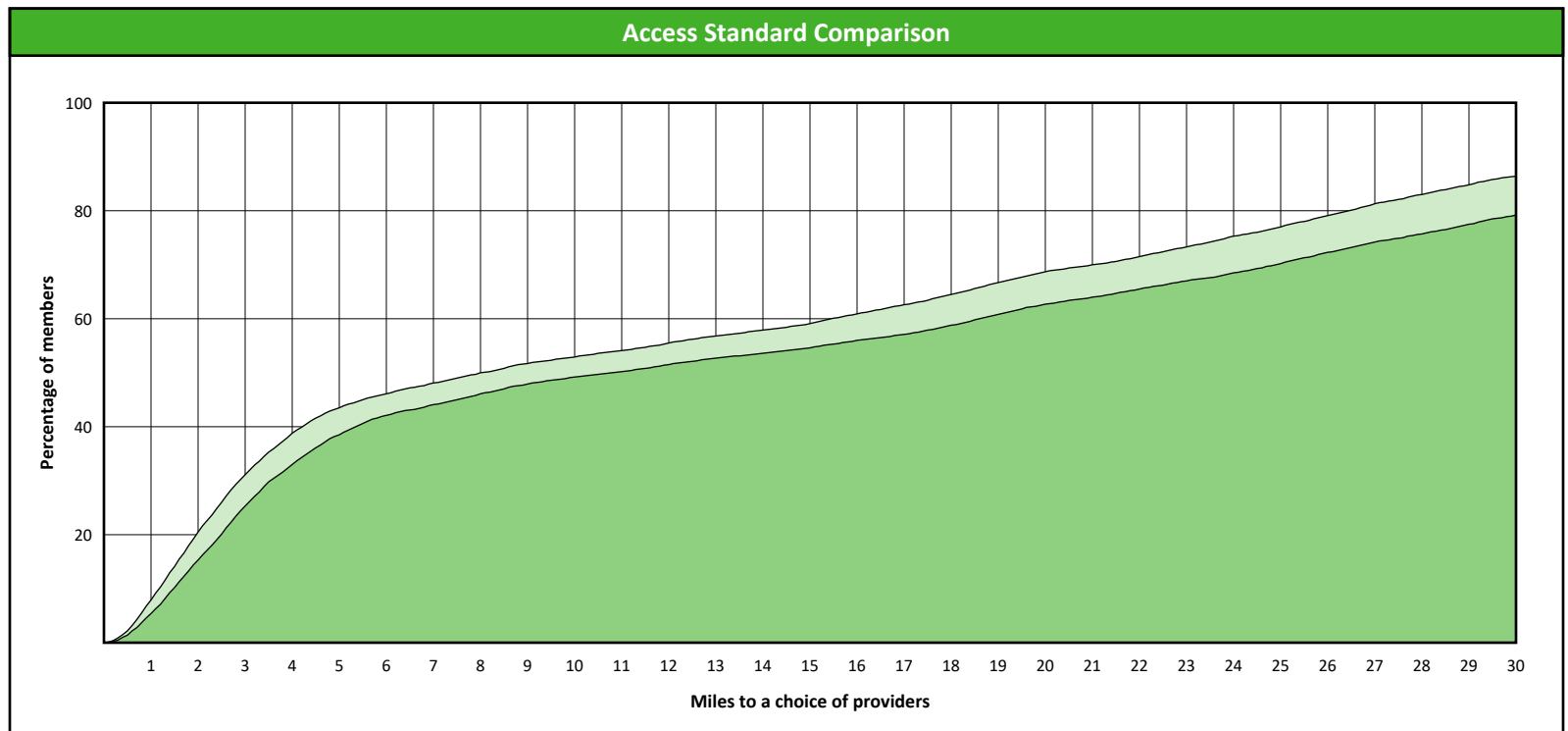
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

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



### Distances/Times

	Average
Distance/Time to 1st closest provider	14.2 miles 16.0 mins
Distance/Time to 2nd closest provider	17.3 miles 19.4 mins



# Access Overview 30 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Endo

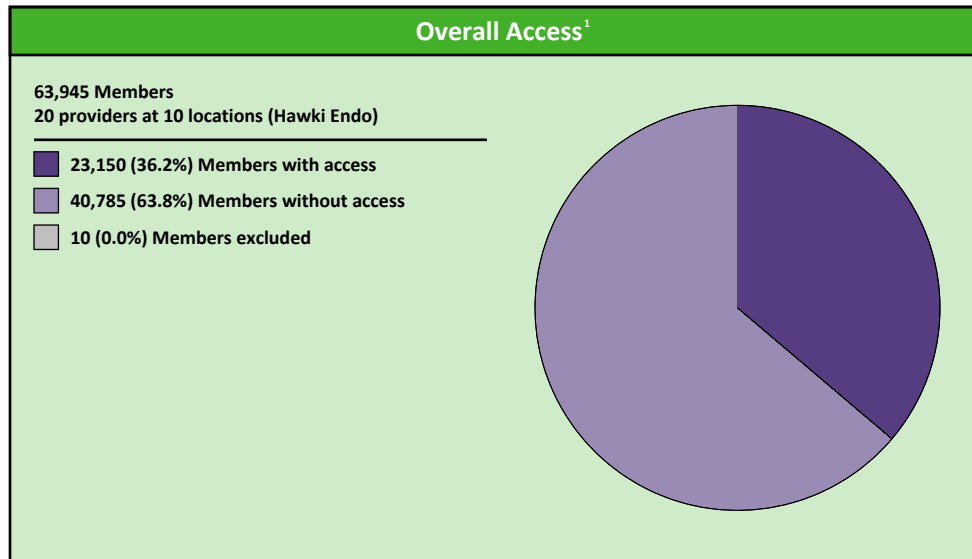
**Comparison Graph**

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

- 1st closest
- 2nd closest

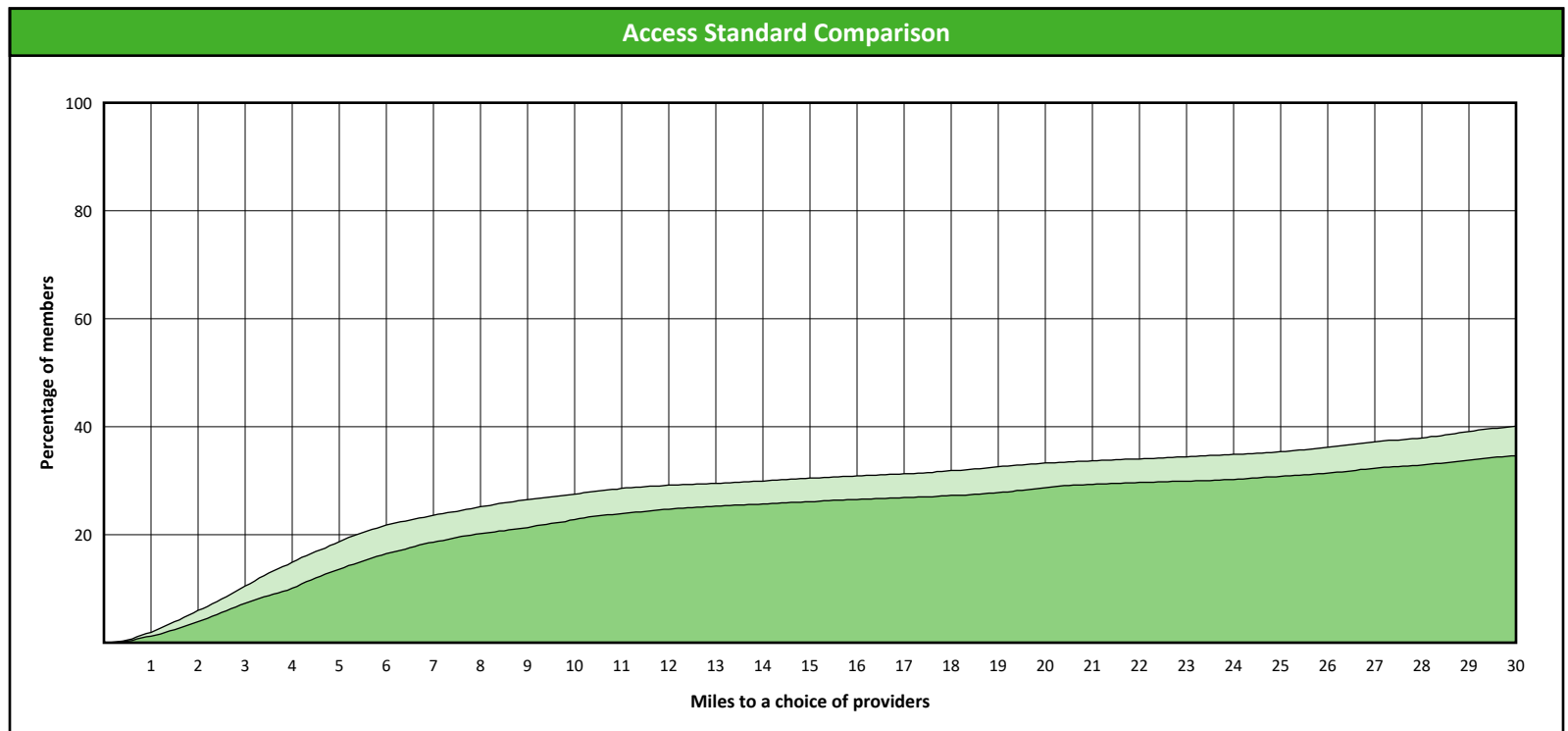
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Endo) provider in 30 miles and 30 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	42.5 miles 52.1 mins
Distance/Time to 2nd closest provider	58.1 miles 69.8 mins



# Access Overview 30 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Ortho

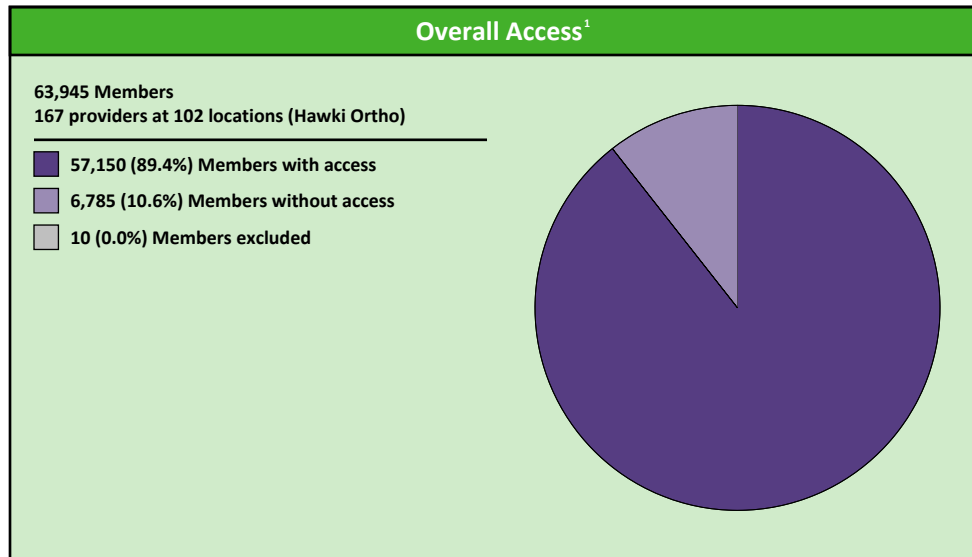
**Comparison Graph**

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

- 1st closest
- 2nd closest

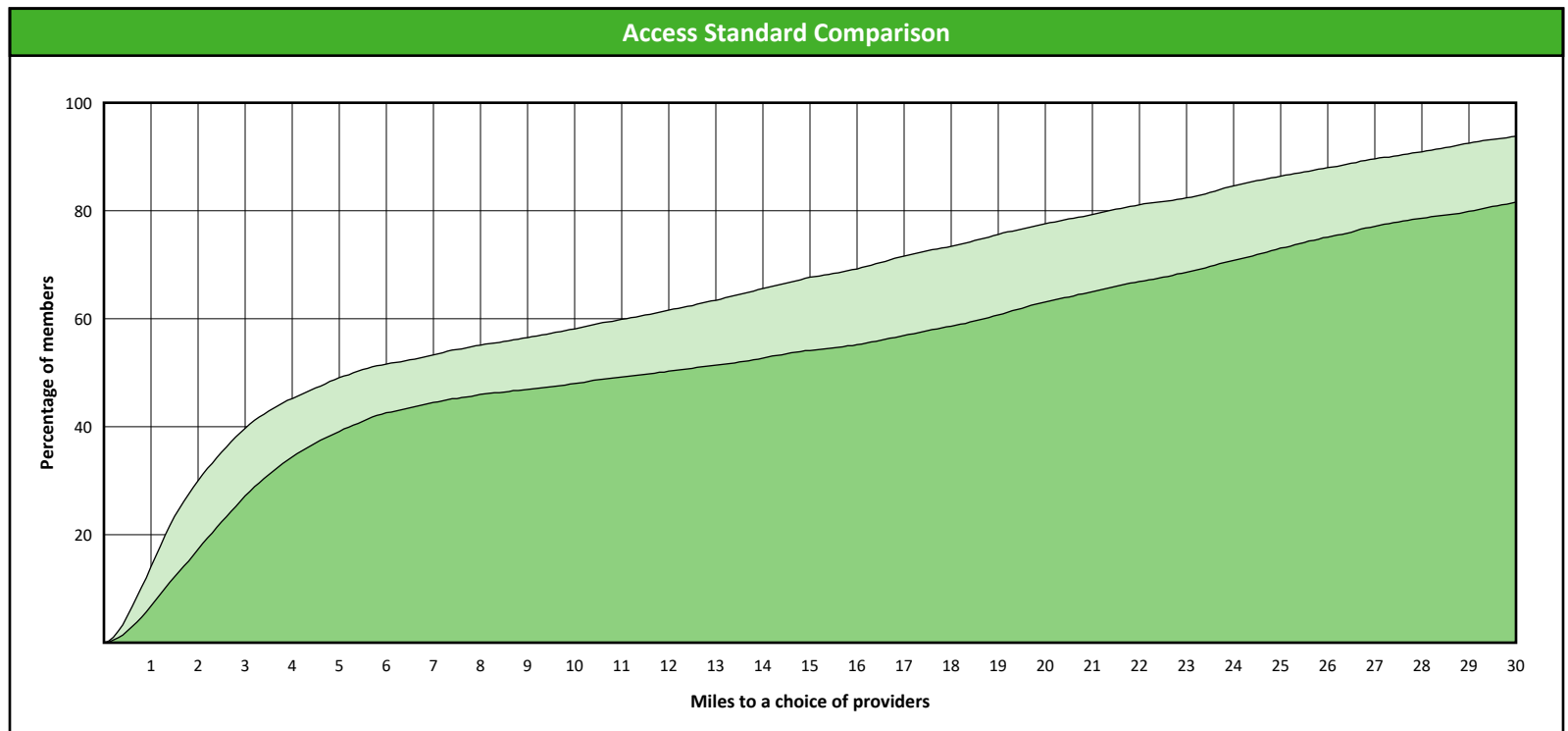
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

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



### Distances/Times

	Average
Distance/Time to 1st closest provider	10.9 miles 12.1 mins
Distance/Time to 2nd closest provider	16.2 miles 18.0 mins



# Access Overview 30 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Perio

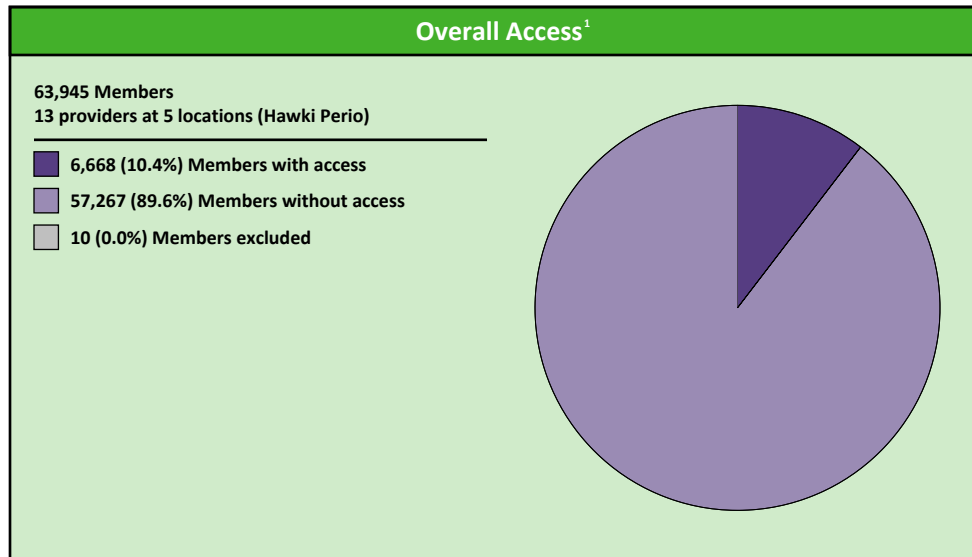
**Comparison Graph**

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

- 1st closest
- 2nd closest

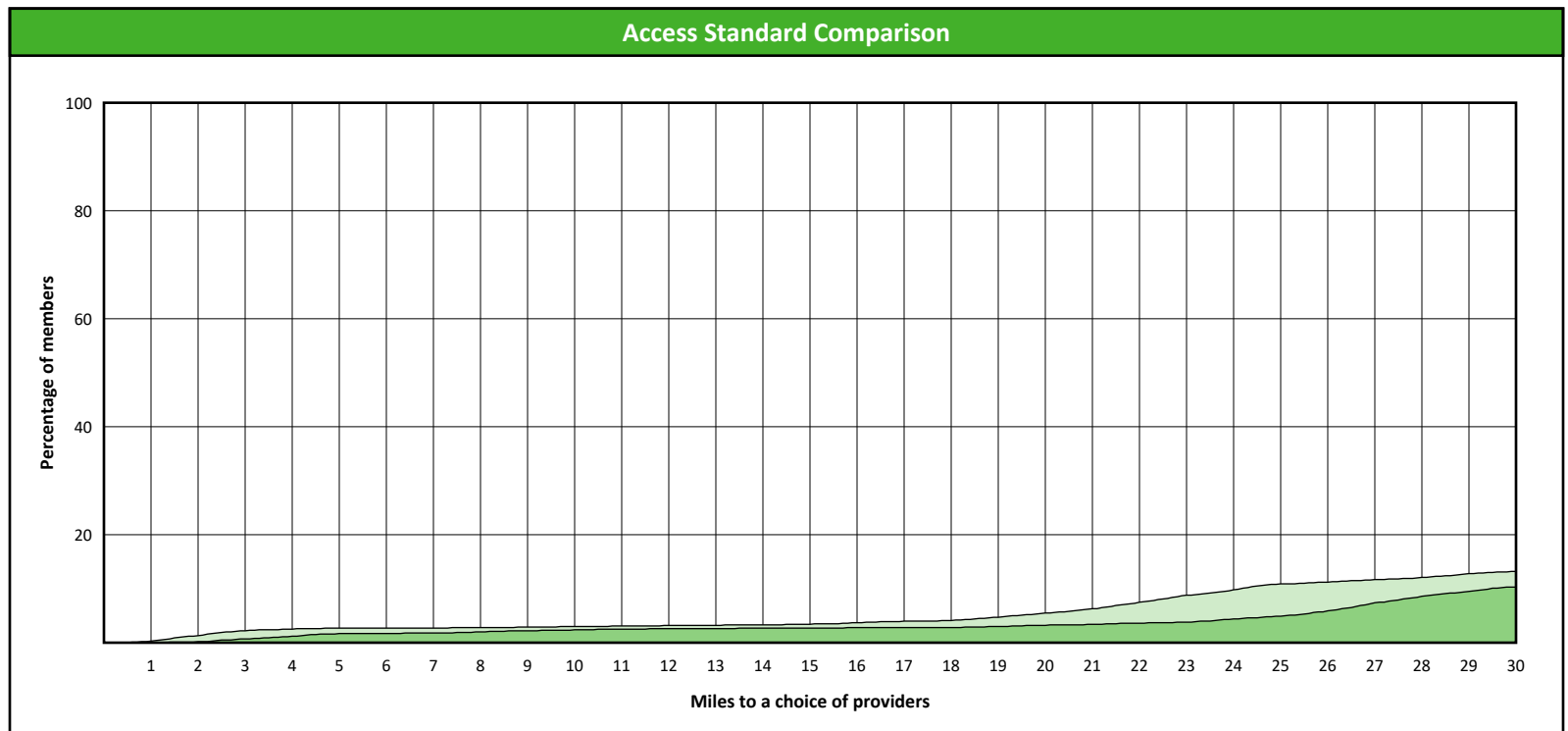
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Perio) provider in 30 miles and 30 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	112.9 miles 132.1 mins
Distance/Time to 2nd closest provider	118.1 miles 141.8 mins



# Access Overview 30 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Prost

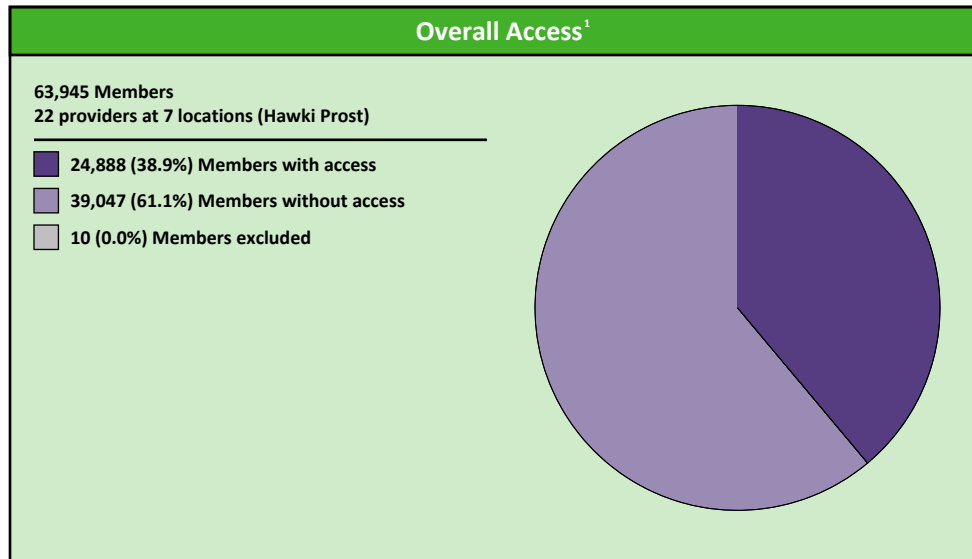
**Comparison Graph**

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

- 1st closest
- 2nd closest

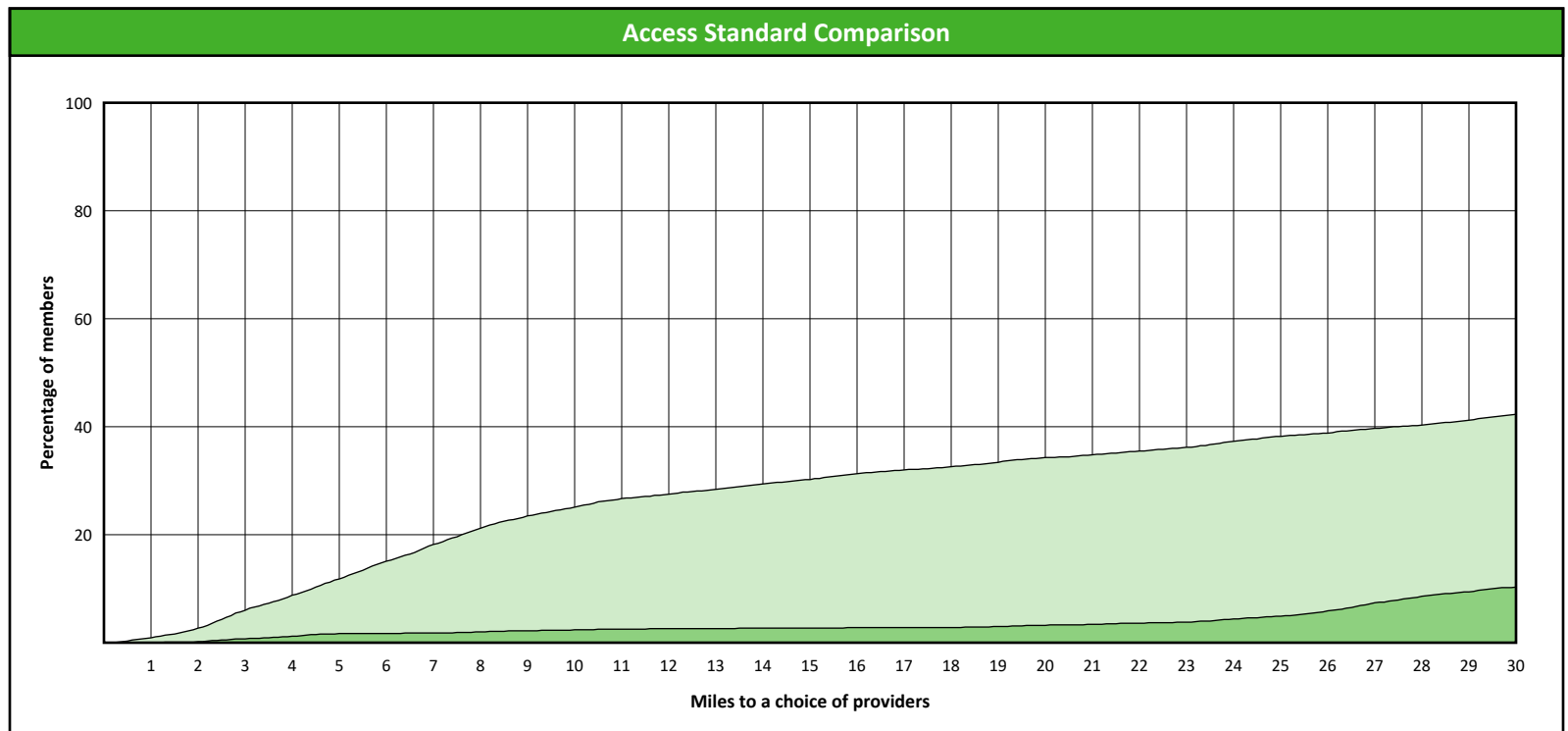
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Prost) provider in 30 miles and 30 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	46.6 miles 55.4 mins
Distance/Time to 2nd closest provider	79.6 miles 96.9 mins





# Access Overview 60 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki GP

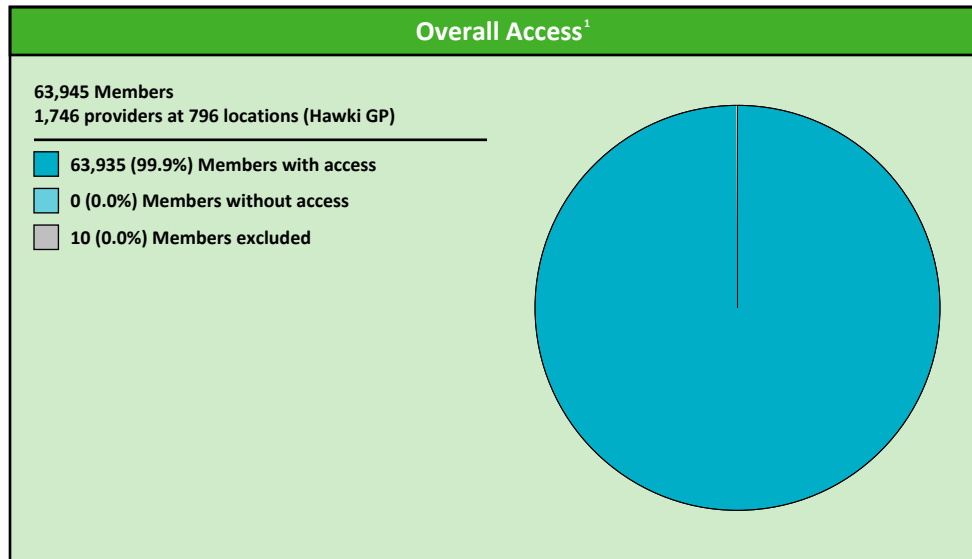
**Comparison Graph**

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

- 1st closest
- 2nd closest

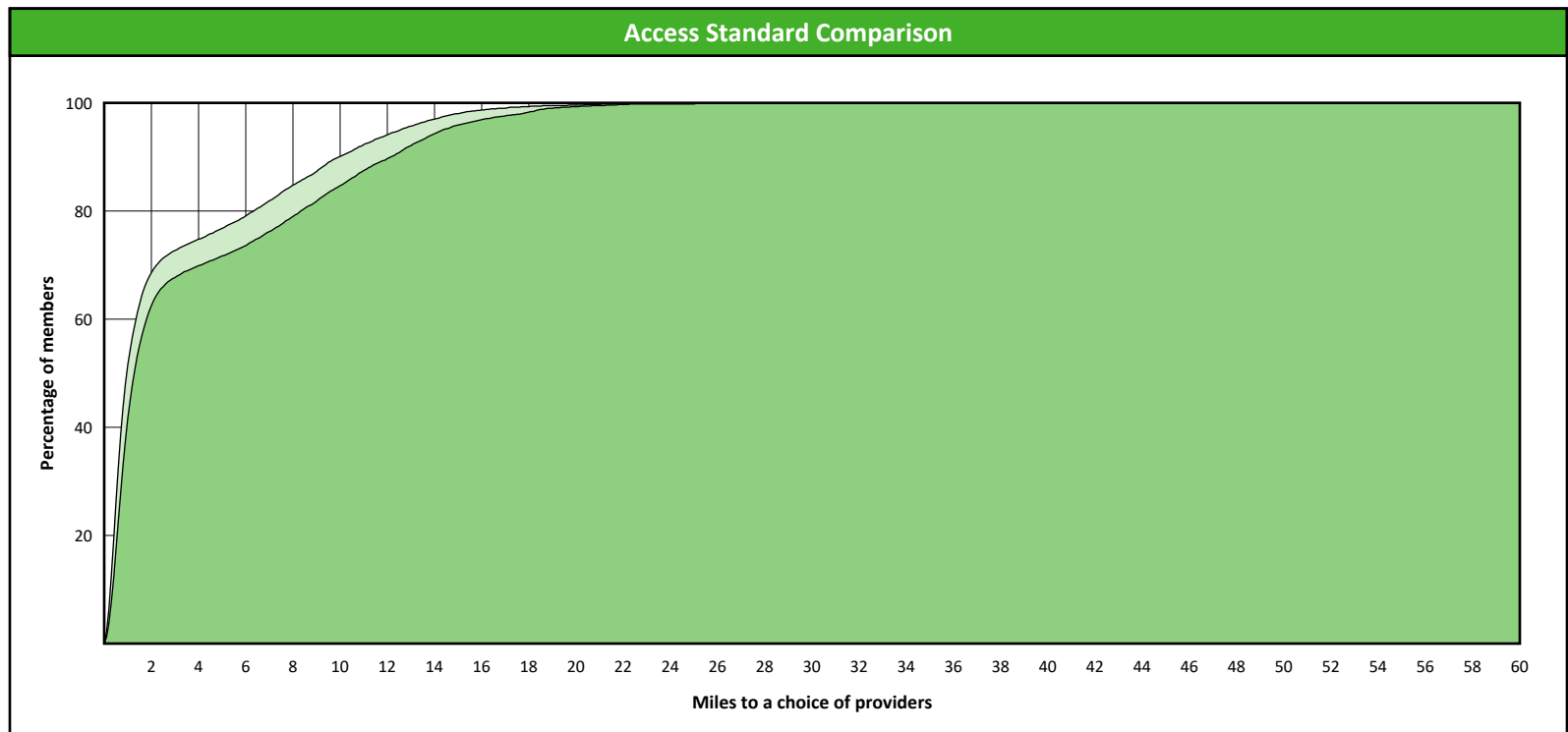
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

- 1 (Hawki GP) provider in 60 miles and 60 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	3.1 miles 3.4 mins
Distance/Time to 2nd closest provider	4.0 miles 4.4 mins



# Access Overview 60 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki OS

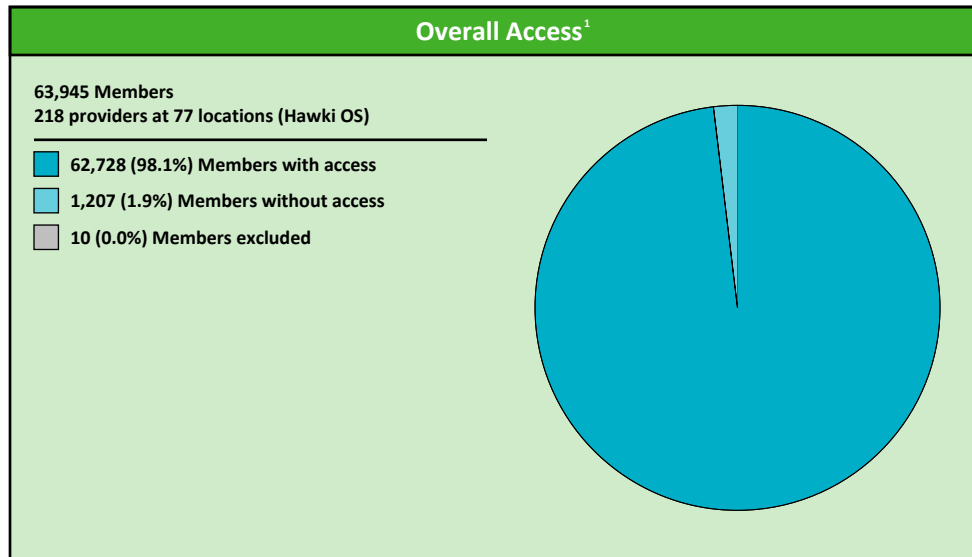
**Comparison Graph**

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

- 1st closest
- 2nd closest

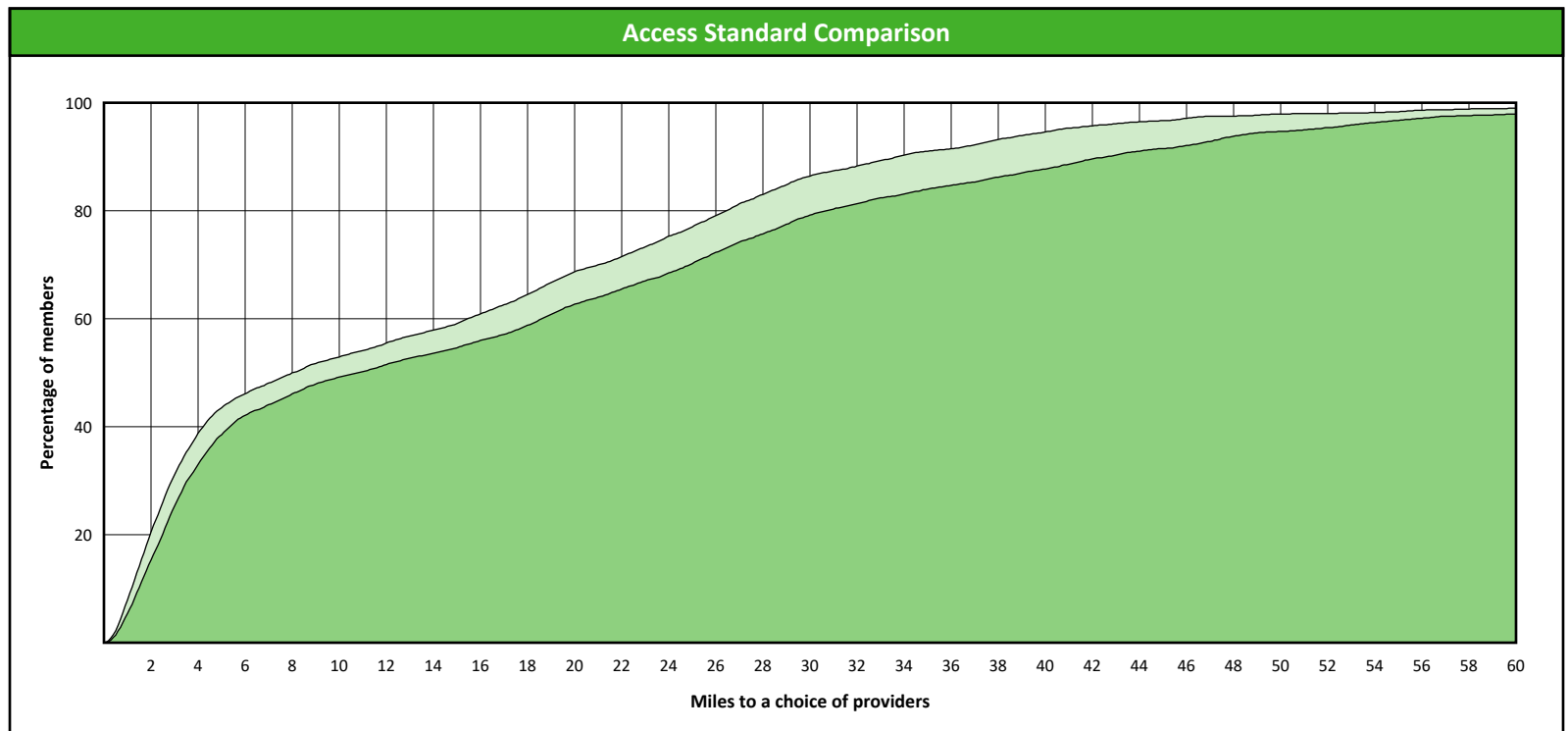
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

- 1 (Hawki OS) provider in 60 miles and 60 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	14.2 miles 16.0 mins
Distance/Time to 2nd closest provider	17.3 miles 19.4 mins



# Access Overview 60 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Endo

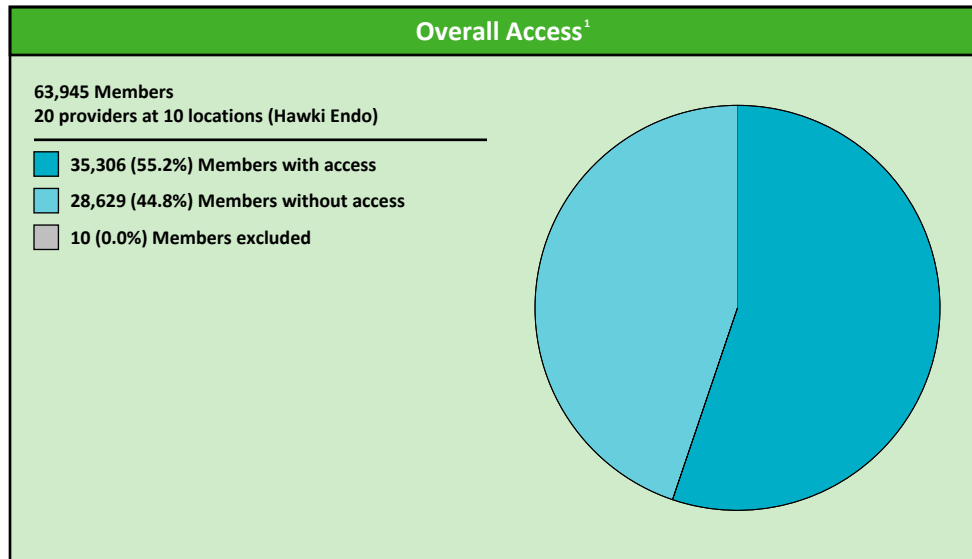
**Comparison Graph**

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

- 1st closest
- 2nd closest

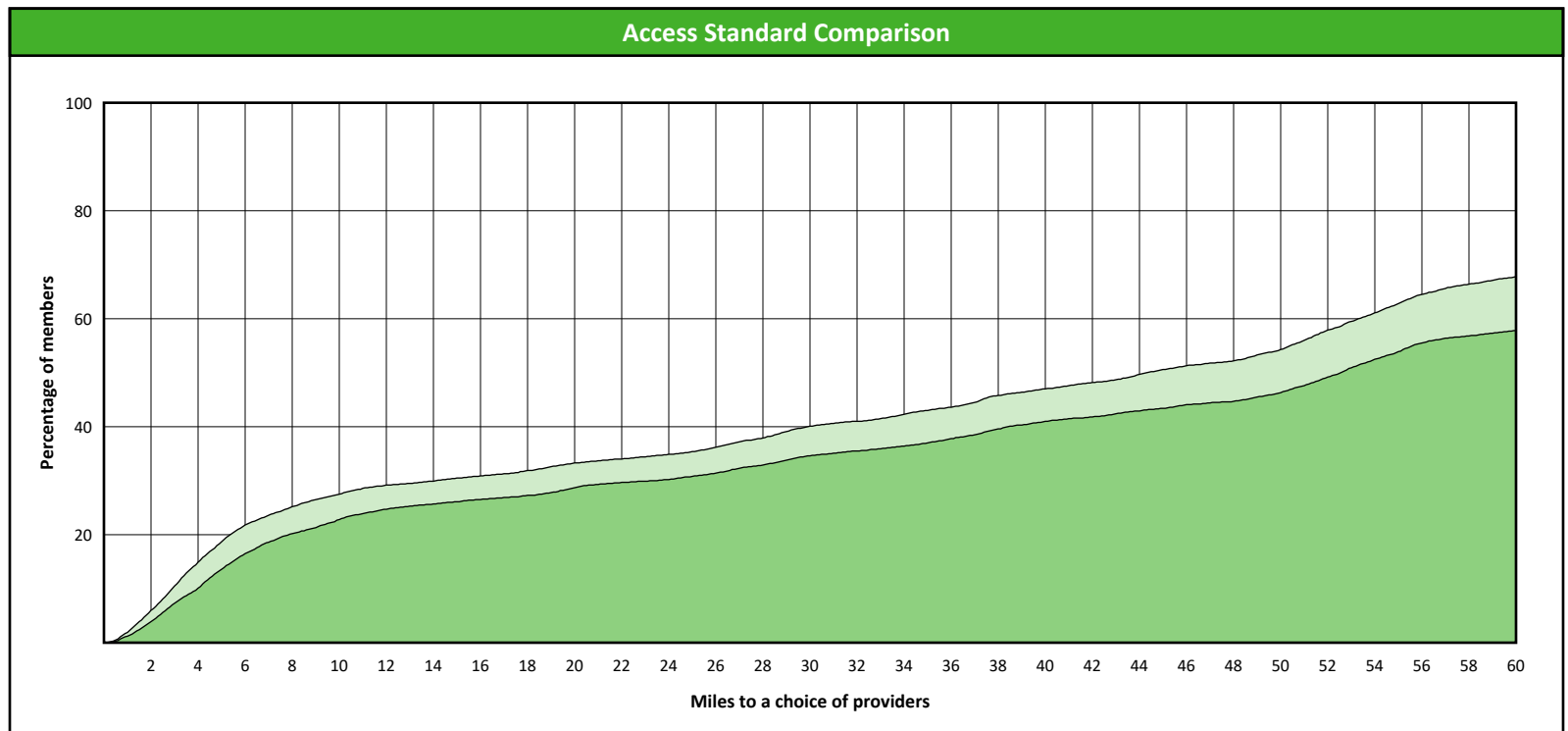
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Endo) provider in 60 miles and 60 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	42.5 miles 52.1 mins
Distance/Time to 2nd closest provider	58.1 miles 69.8 mins



# Access Overview 60 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Ortho

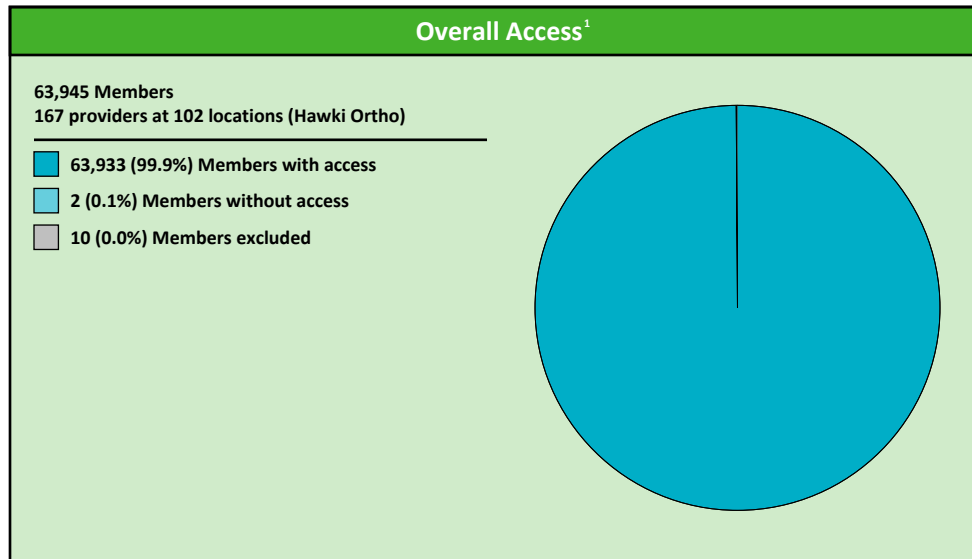
**Comparison Graph**

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

- 1st closest
- 2nd closest

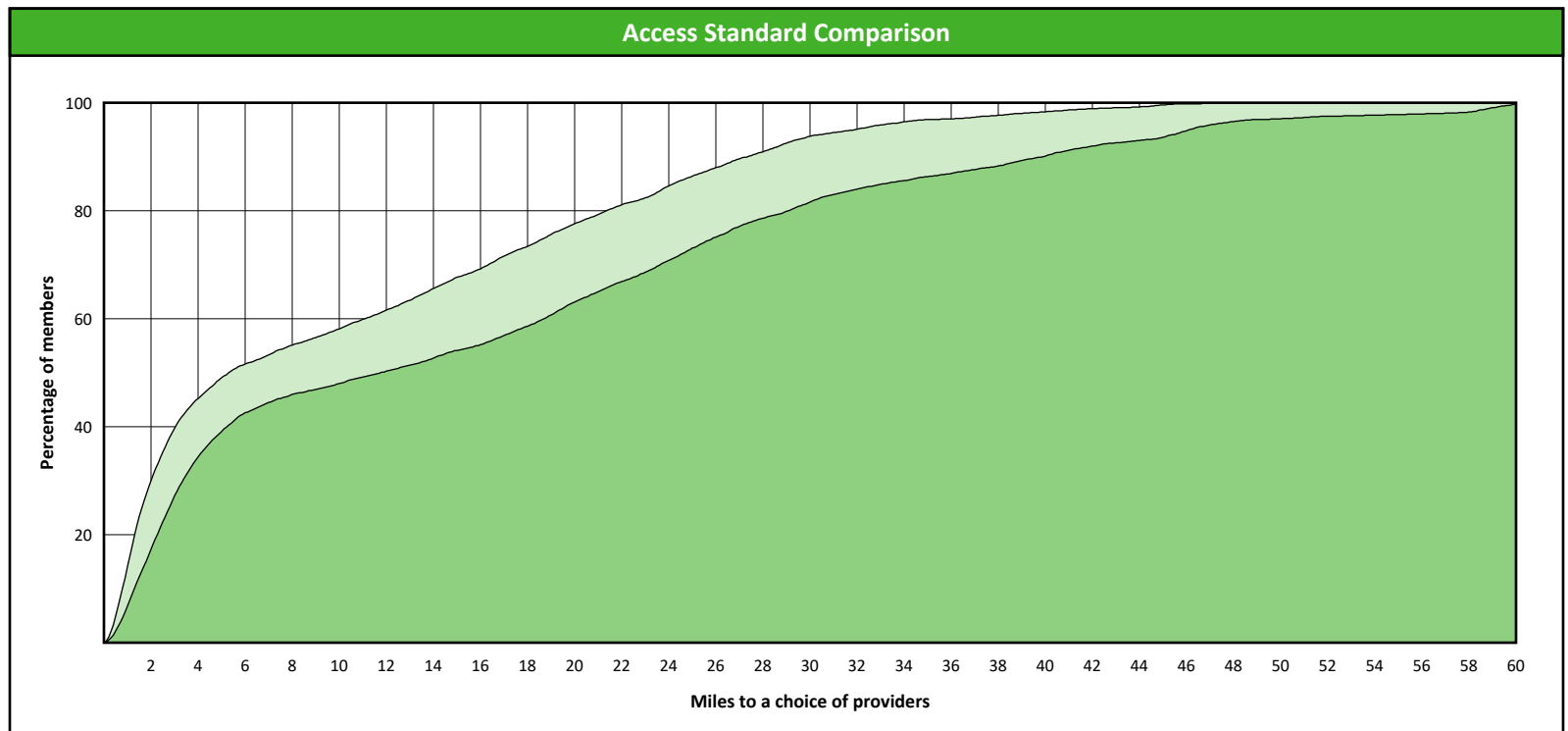
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Ortho) provider in 60 miles and 60 minutes



### Distances/Times

		Average
Distance/Time to 1st closest provider		10.9 miles 12.1 mins
Distance/Time to 2nd closest provider		16.2 miles 18.0 mins



# Access Overview 60 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Perio

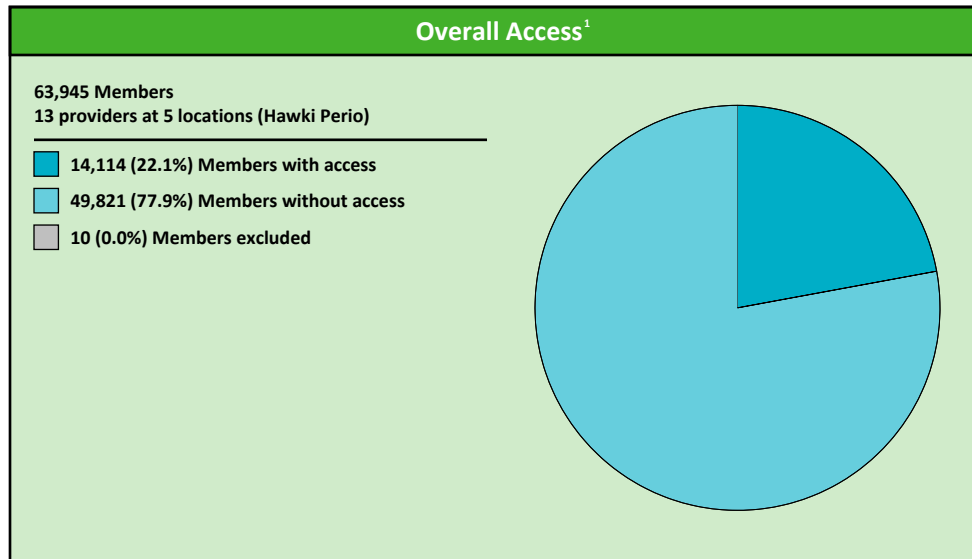
**Comparison Graph**

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

- 1st closest
- 2nd closest

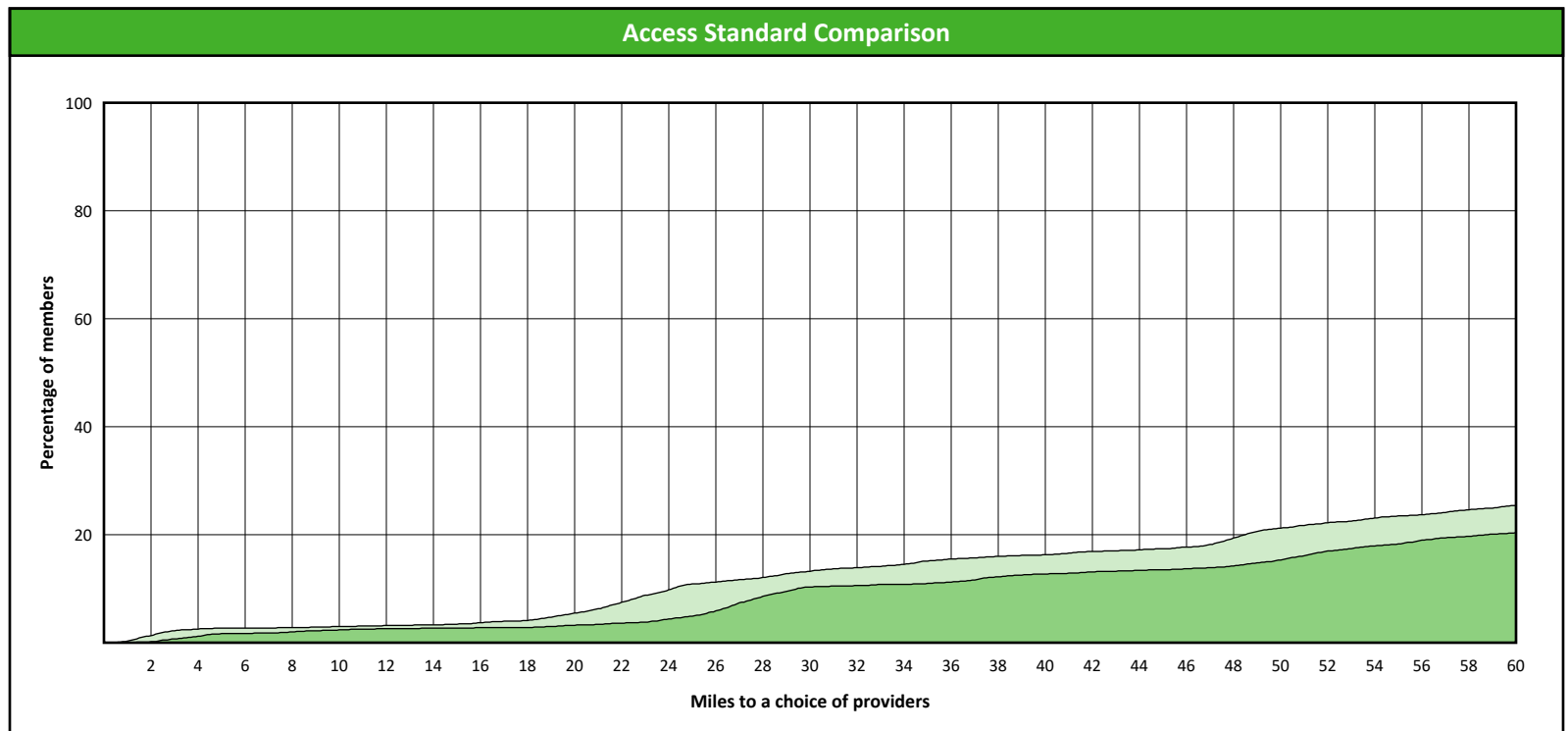
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Perio) provider in 60 miles and 60 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	112.9 miles 132.1 mins
Distance/Time to 2nd closest provider	118.1 miles 141.8 mins



# Access Overview 60 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Prost

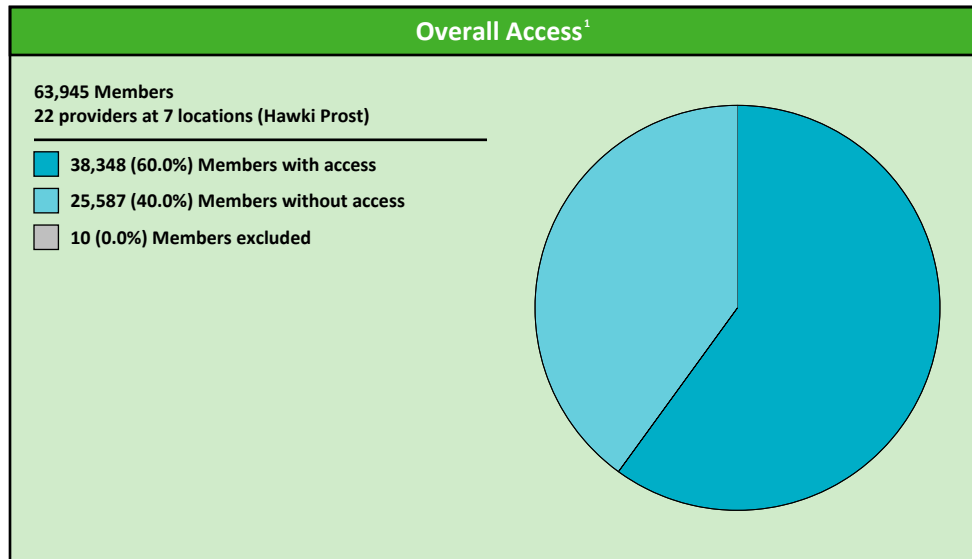
**Comparison Graph**

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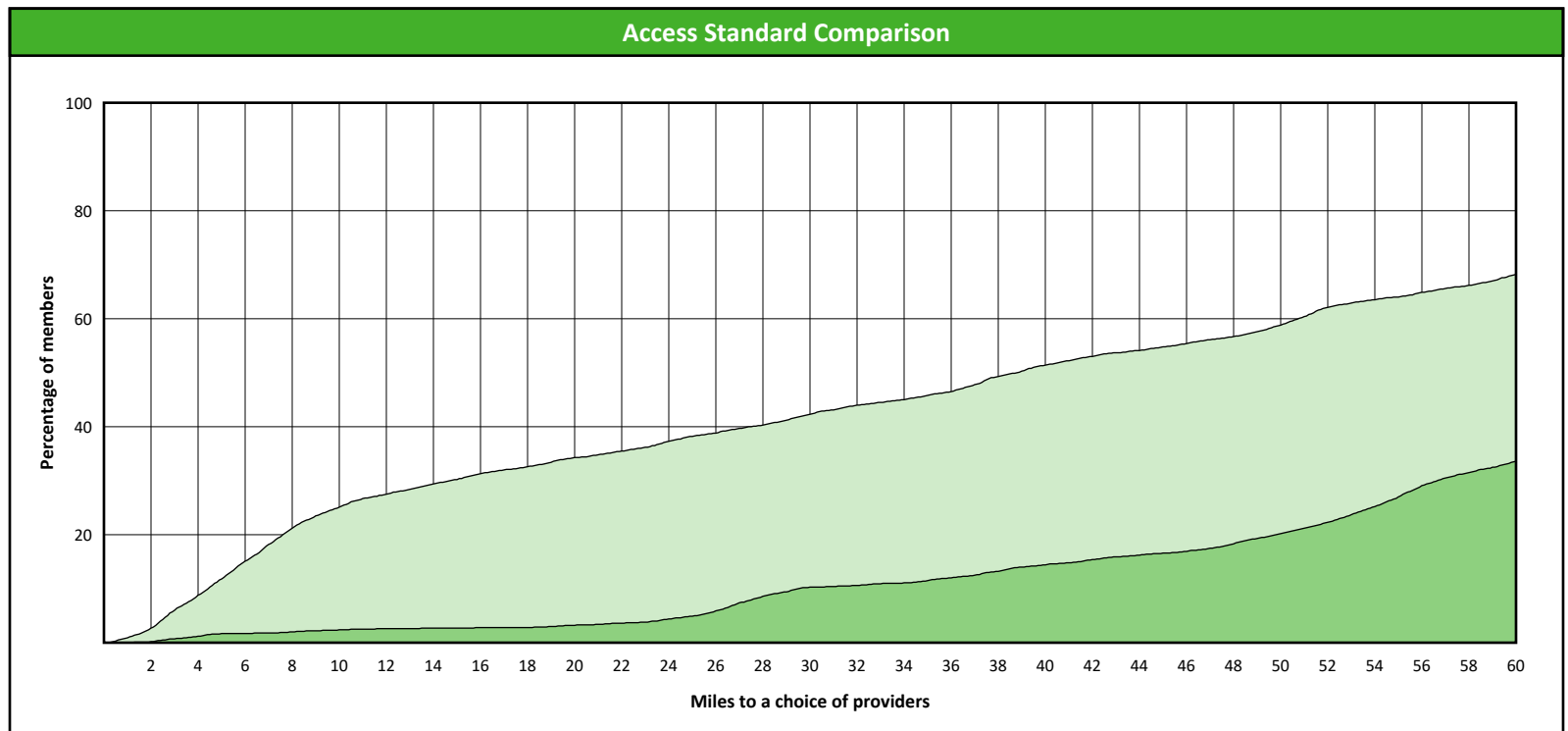
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Prost) provider in 60 miles and 60 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	46.6 miles 55.4 mins
Distance/Time to 2nd closest provider	79.6 miles 96.9 mins



# Access Overview 90 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki GP

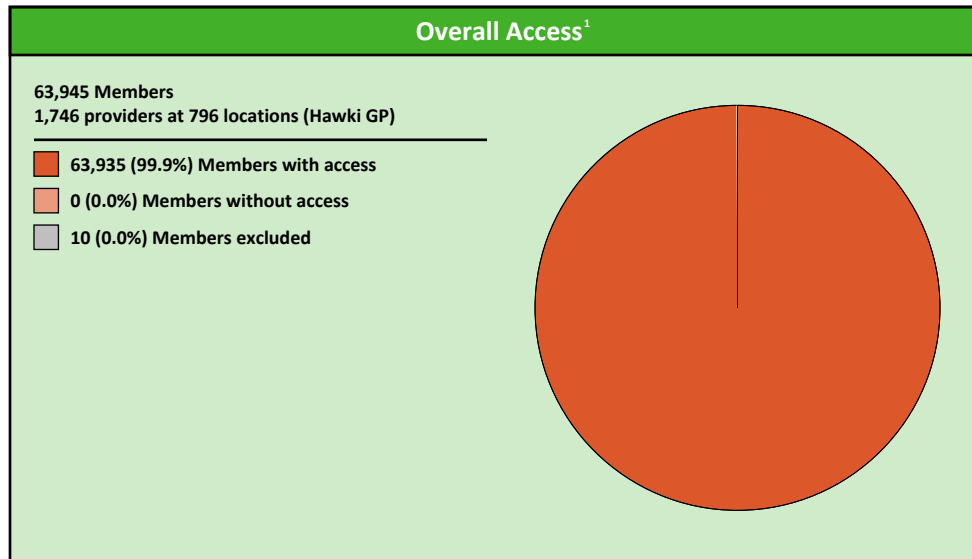
**Comparison Graph**

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

- 1st closest
- 2nd closest

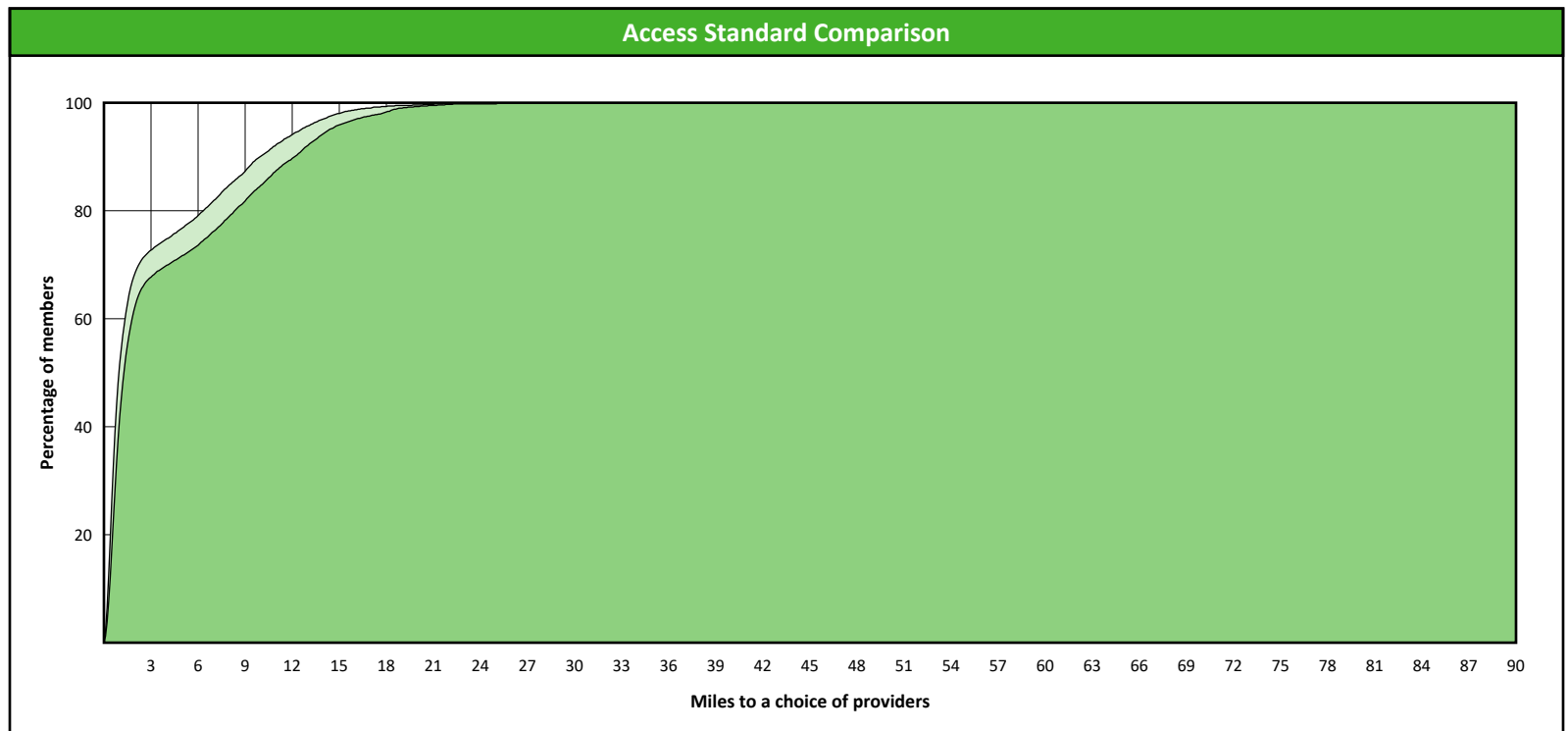
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

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



### Distances/Times

	Average
Distance/Time to 1st closest provider	3.1 miles 3.4 mins
Distance/Time to 2nd closest provider	4.0 miles 4.4 mins



# Access Overview 90 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki OS

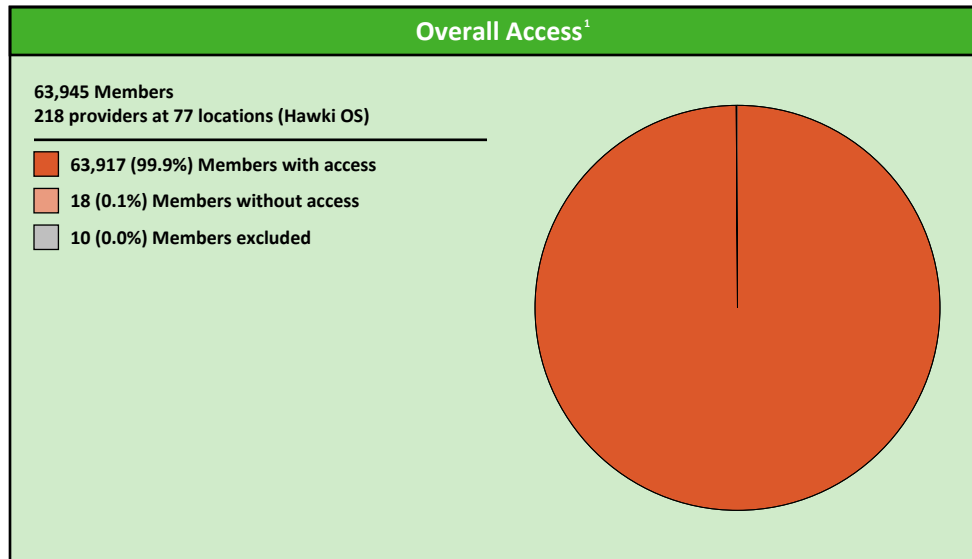
**Comparison Graph**

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

- 1st closest
- 2nd closest

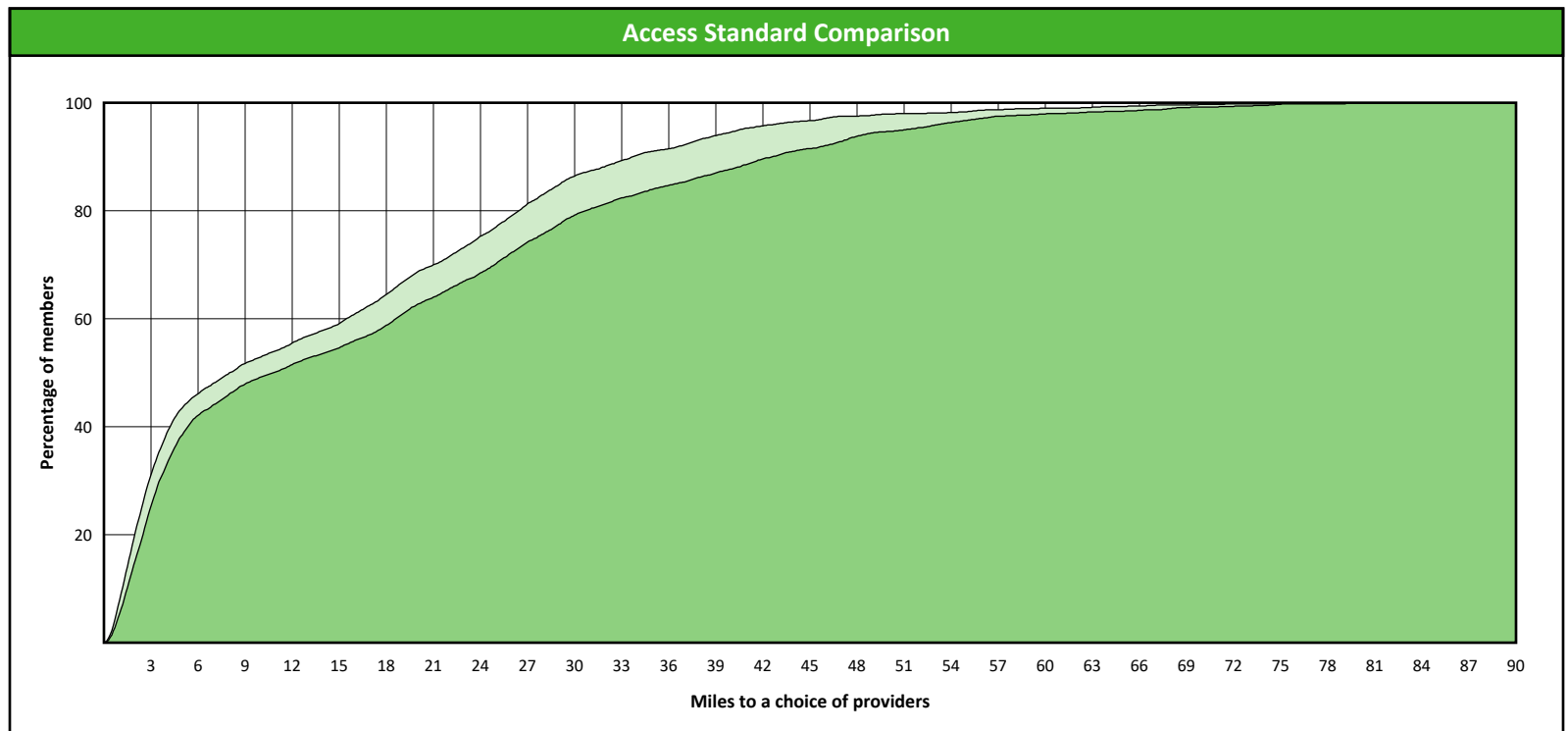
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

- 1 (Hawki OS) provider in 90 miles and 90 minutes



### Distances/Times

		Average
Distance/Time to 1st closest provider		14.2 miles 16.0 mins
Distance/Time to 2nd closest provider		17.3 miles 19.4 mins





# Access Overview 90 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Endo

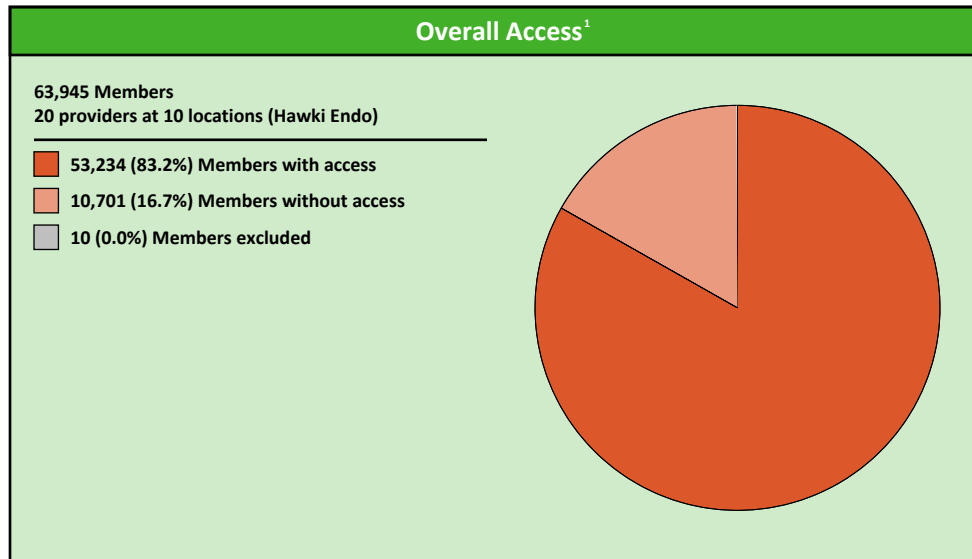
**Comparison Graph**

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

- 1st closest
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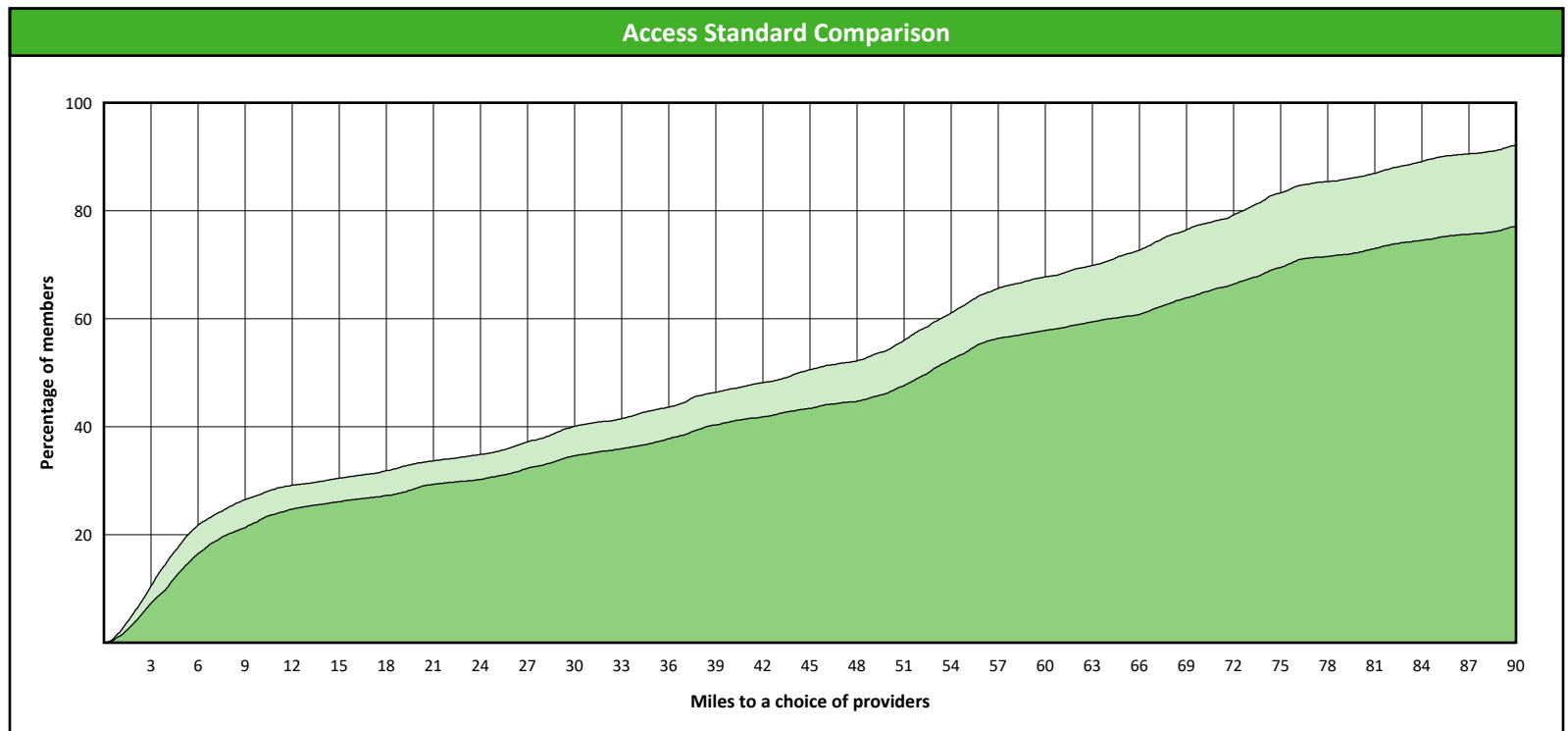
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

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### Distances/Times

	Average
Distance/Time to 1st closest provider	42.5 miles 52.1 mins
Distance/Time to 2nd closest provider	58.1 miles 69.8 mins



# Access Overview 90 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Ortho

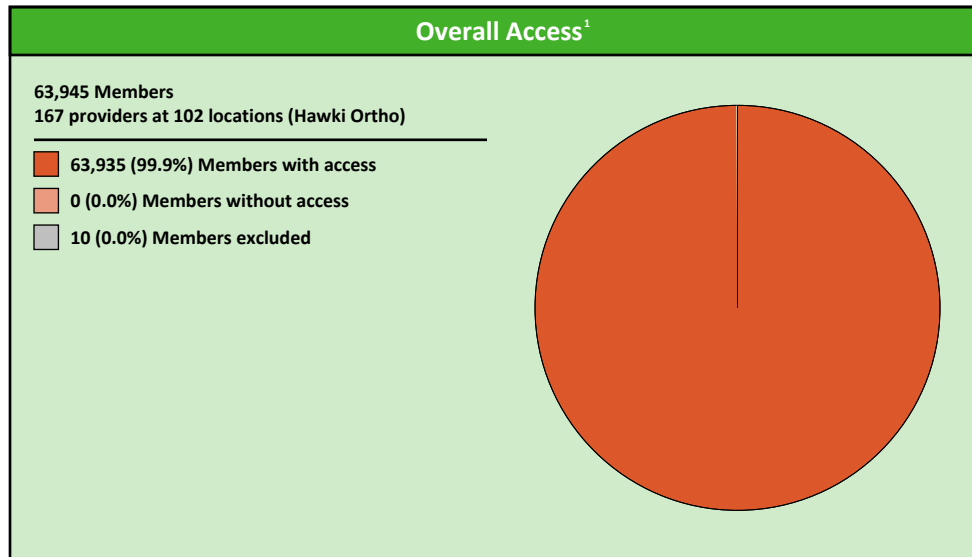
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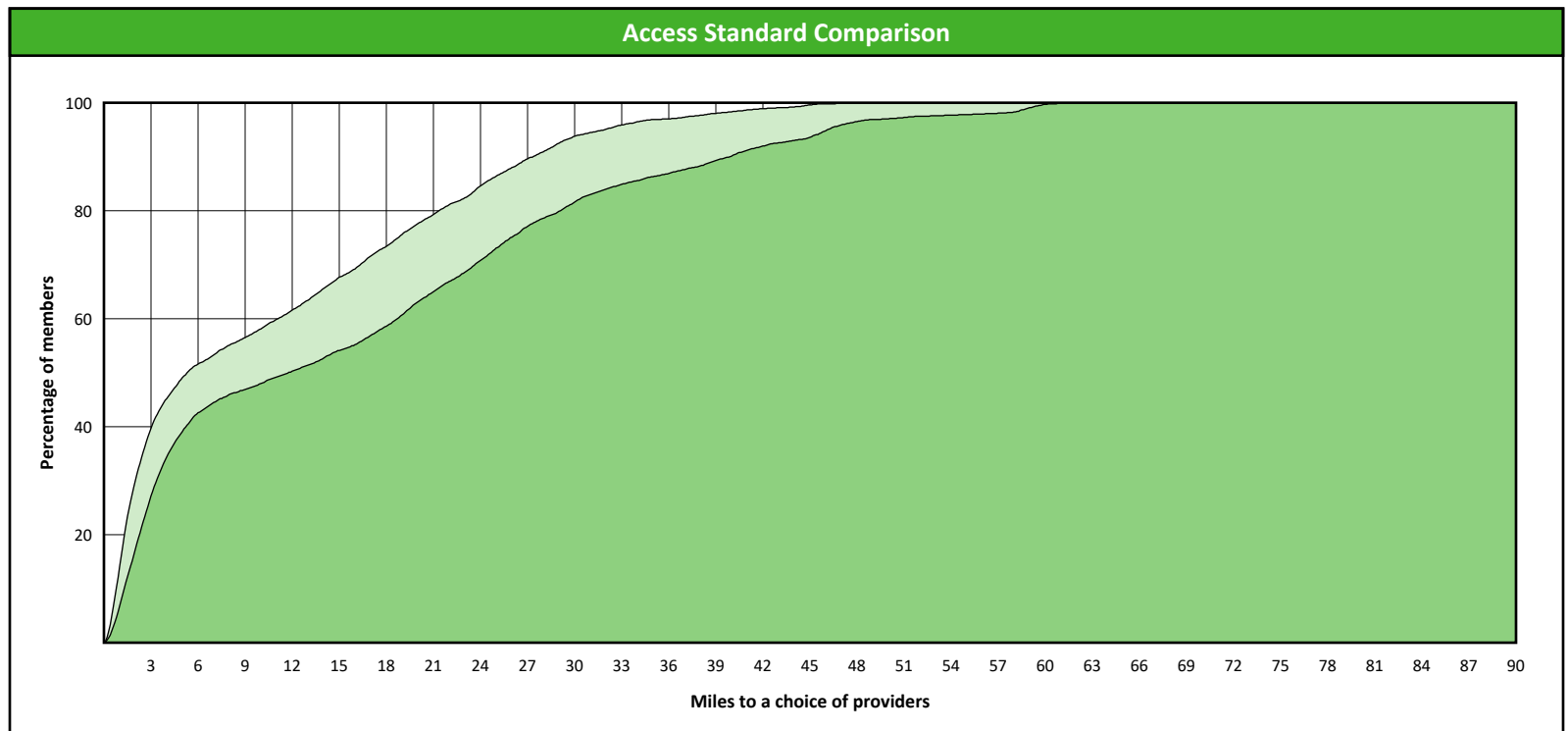
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

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



### Distances/Times

	Average
Distance/Time to 1st closest provider	10.9 miles 12.1 mins
Distance/Time to 2nd closest provider	16.2 miles 18.0 mins



# Access Overview 90 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Perio

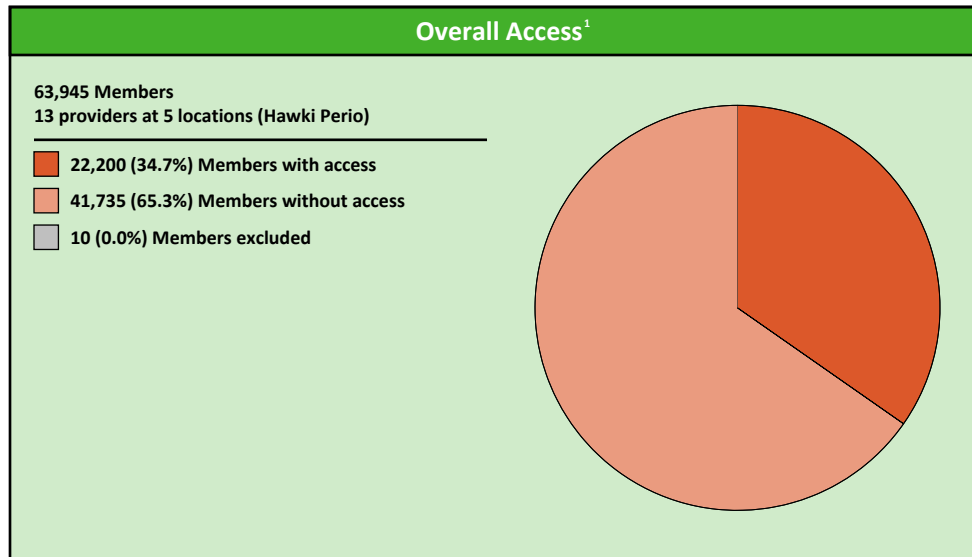
**Comparison Graph**

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

- 1st closest
- 2nd closest

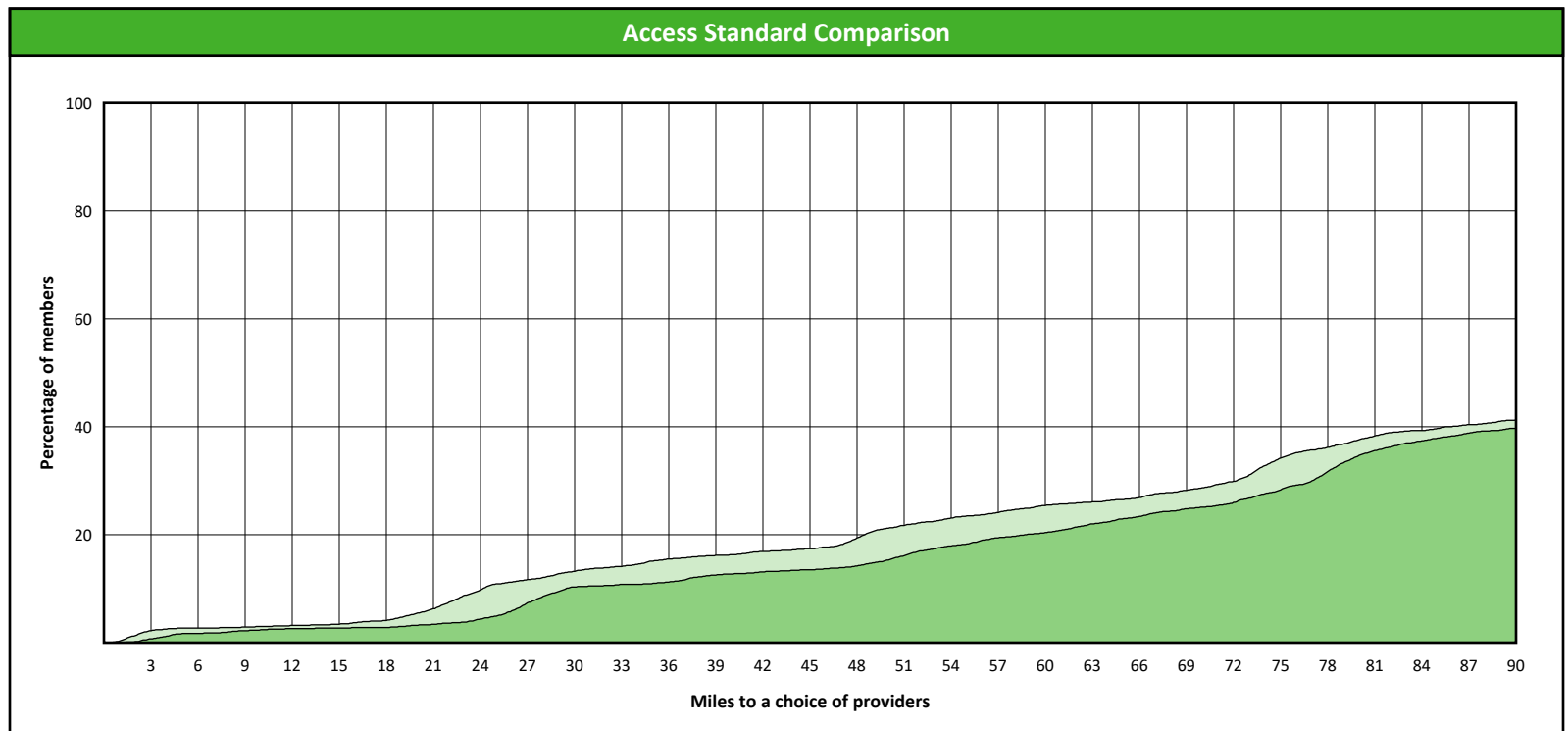
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Perio) provider in 90 miles and 90 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	112.9 miles 132.1 mins
Distance/Time to 2nd closest provider	118.1 miles 141.8 mins



# Access Overview 90 Miles

April 8, 2020

**Access Analysis**

Hawki

**Member / Provider Groups**

Hawki Members

Hawki Prost

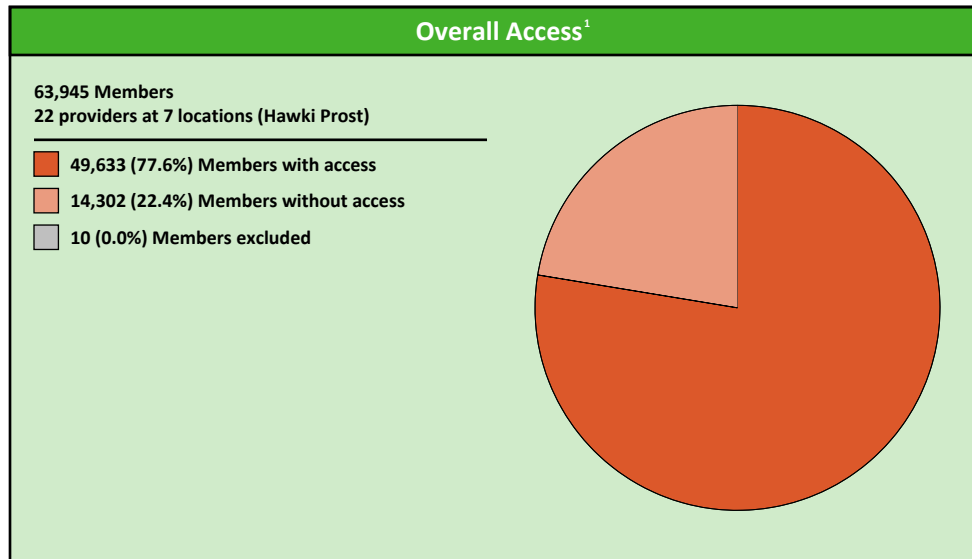
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- 1st closest
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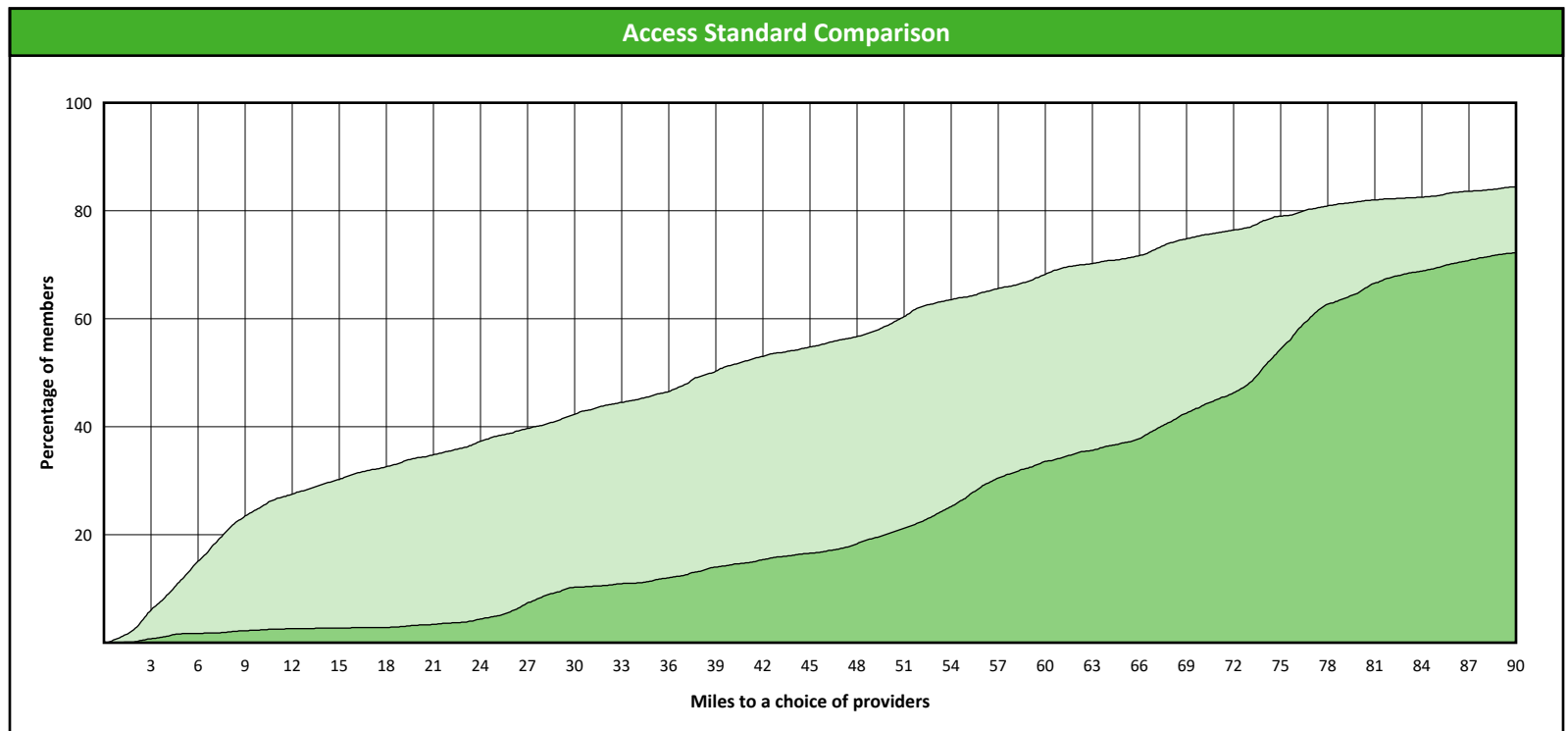
<sup>1</sup> The Access Standard is defined as (Hawki Members) members accessing:

1 (Hawki Prost) provider in 90 miles and 90 minutes



### Distances/Times

	Average
Distance/Time to 1st closest provider	46.6 miles 55.4 mins
Distance/Time to 2nd closest provider	79.6 miles 96.9 mins



# Hawki GP Access Map

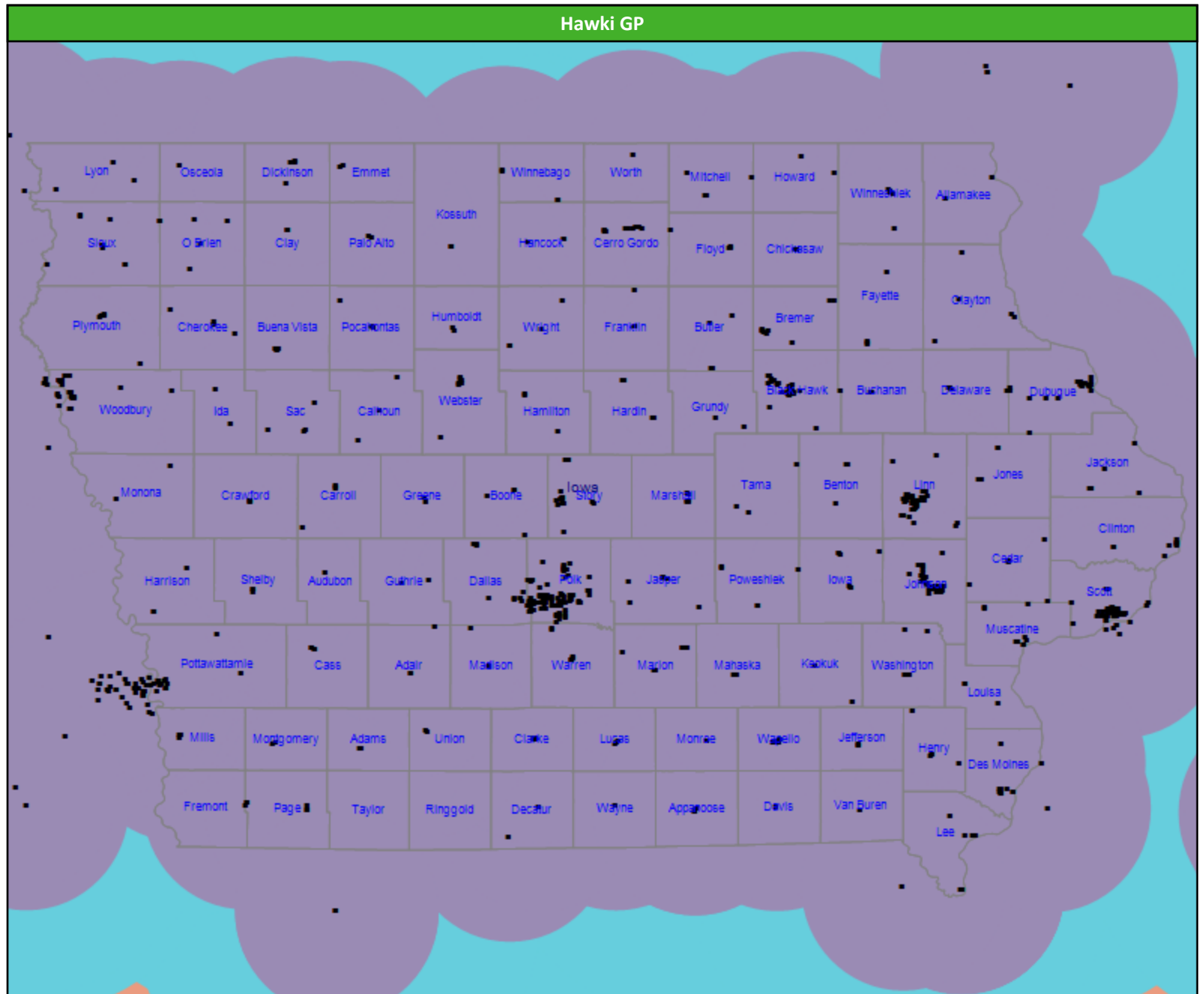
April 8, 2020

## Hawki GP

1,746 providers at 796 locations

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

41.42 miles



# Hawki Oral Surgeon Access Map

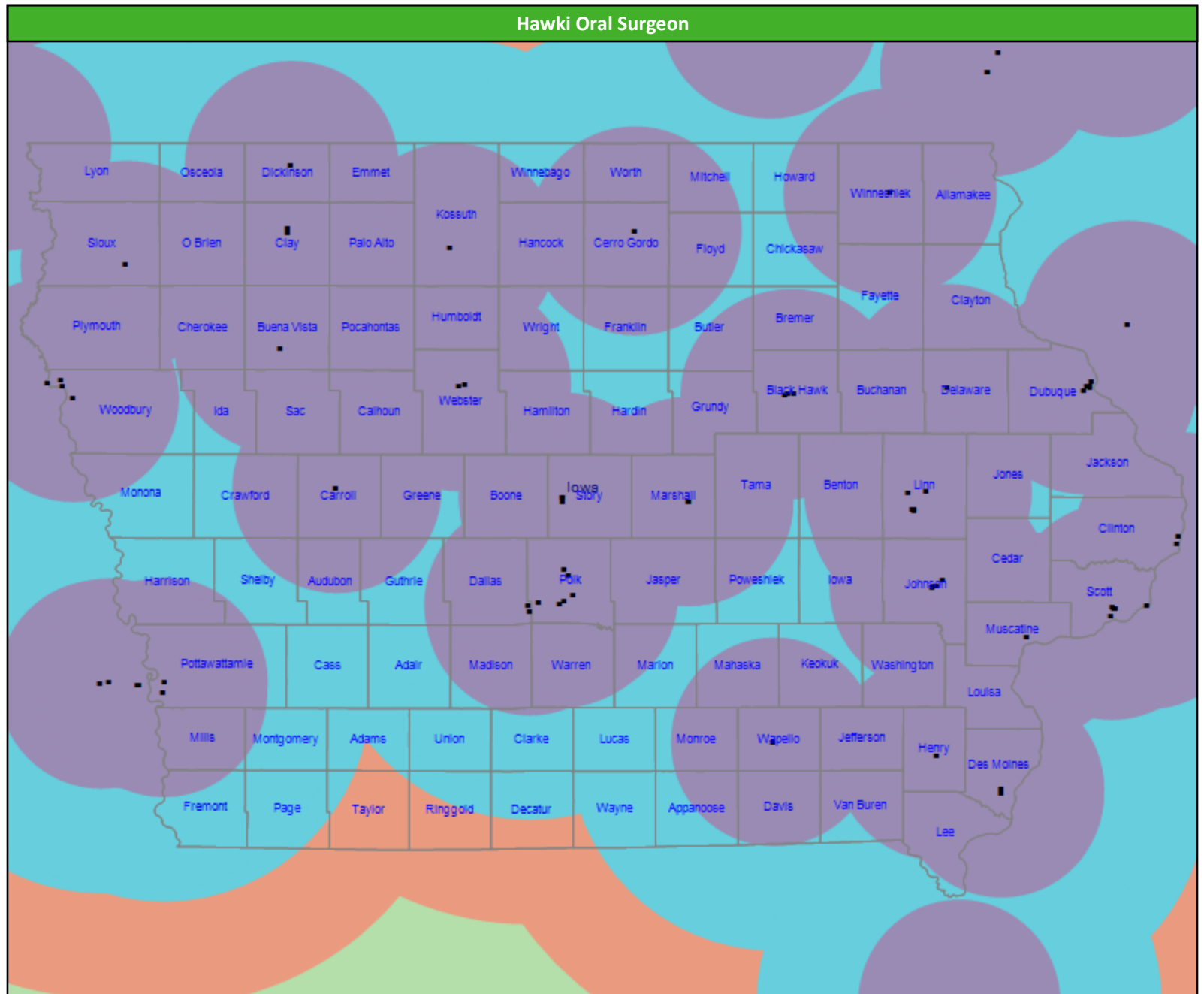
April 8, 2020

## Hawki OS

218 providers at 77 locations

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

41.42 miles



# Hawki Endodontist Access Map

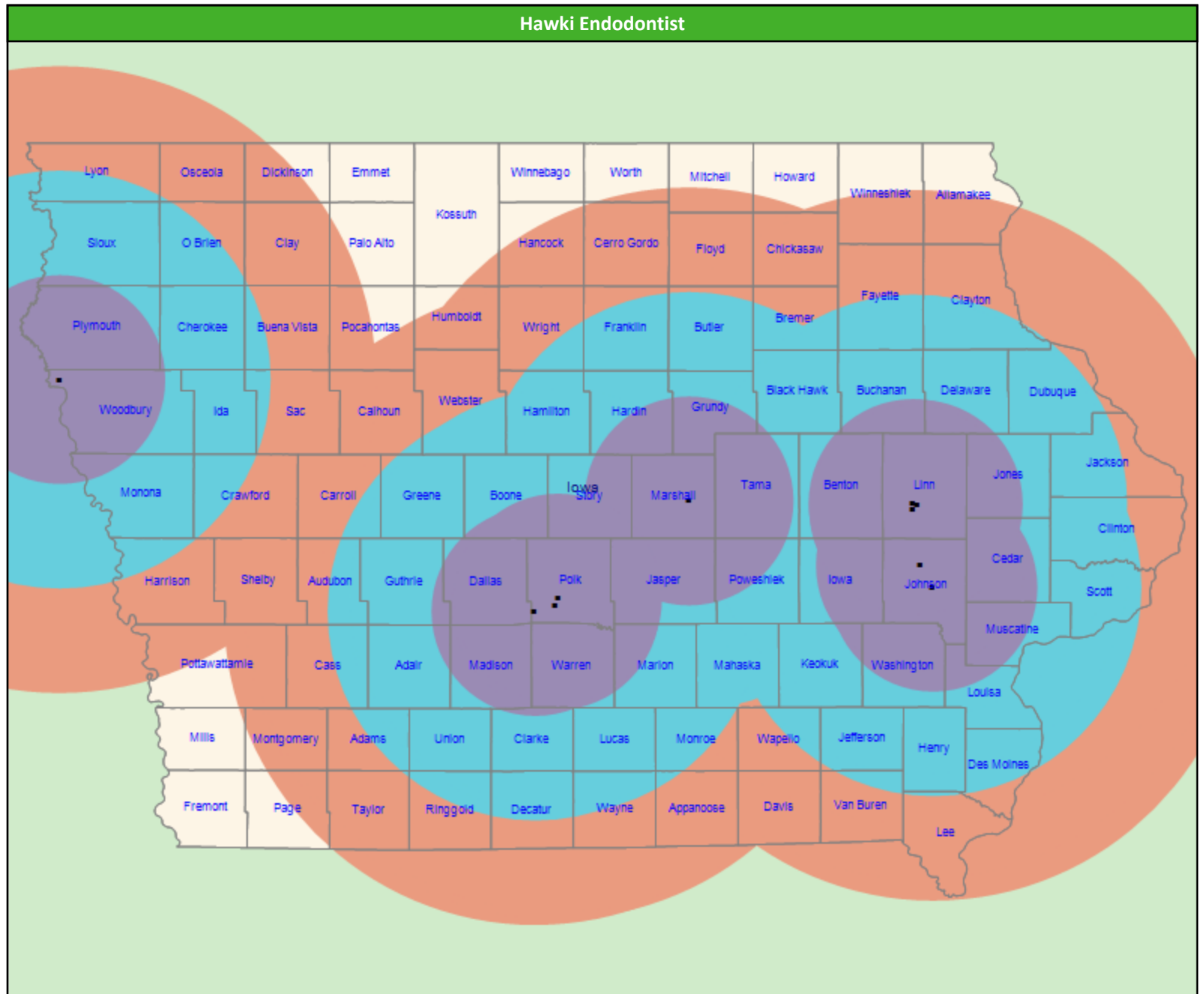
April 8, 2020

## Hawki Endo

20 providers at 10 locations

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

41.42 miles



# Hawki Orthodontist Access Map

April 8, 2020

## Hawki Ortho

167 providers at 102 locations

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

41.42 miles





# Hawki Periodontist Access Map

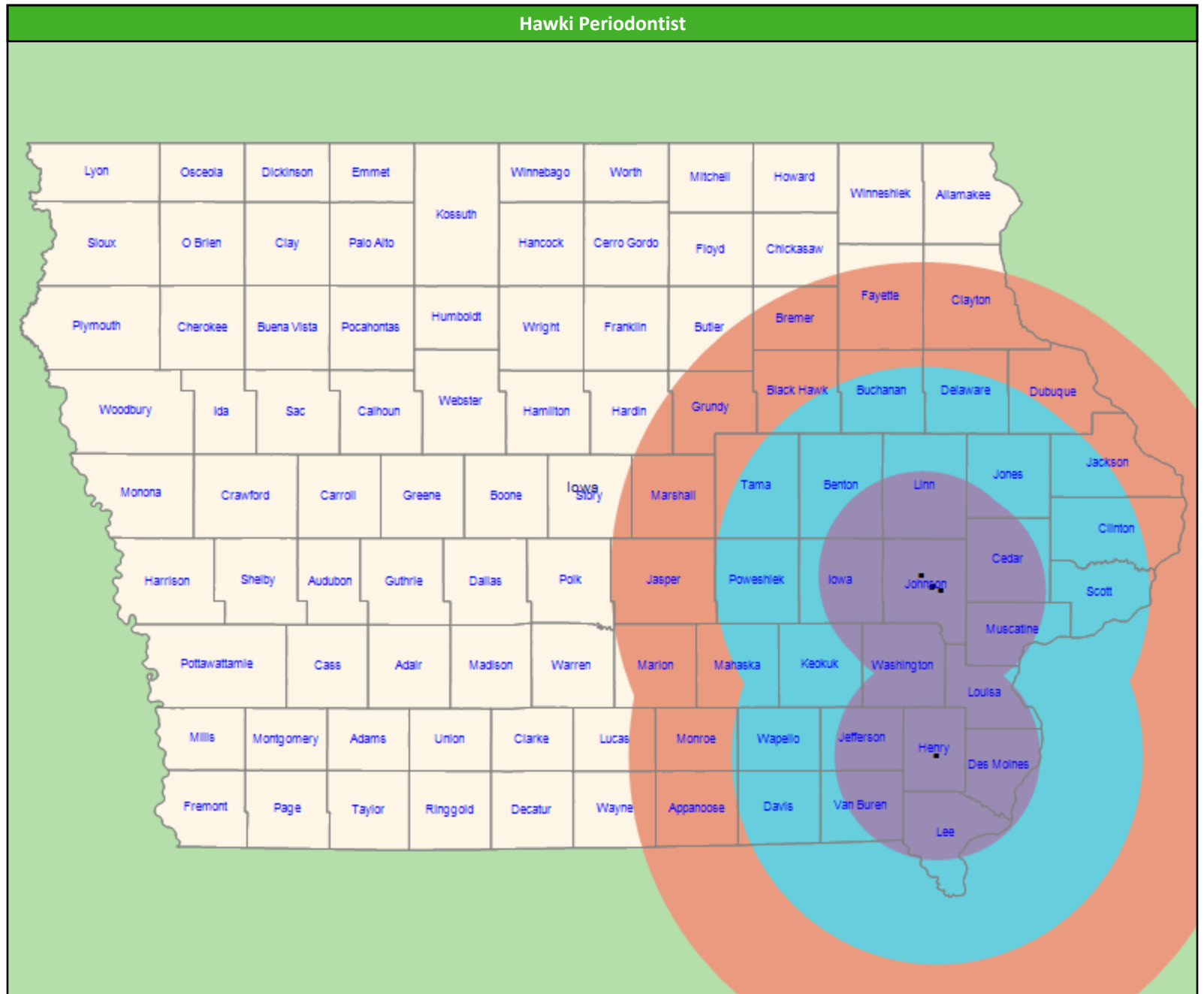
April 8, 2020

## Hawki Perio

13 providers at 5 locations

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

41.42 miles



# Hawki Prothodontist Access Map

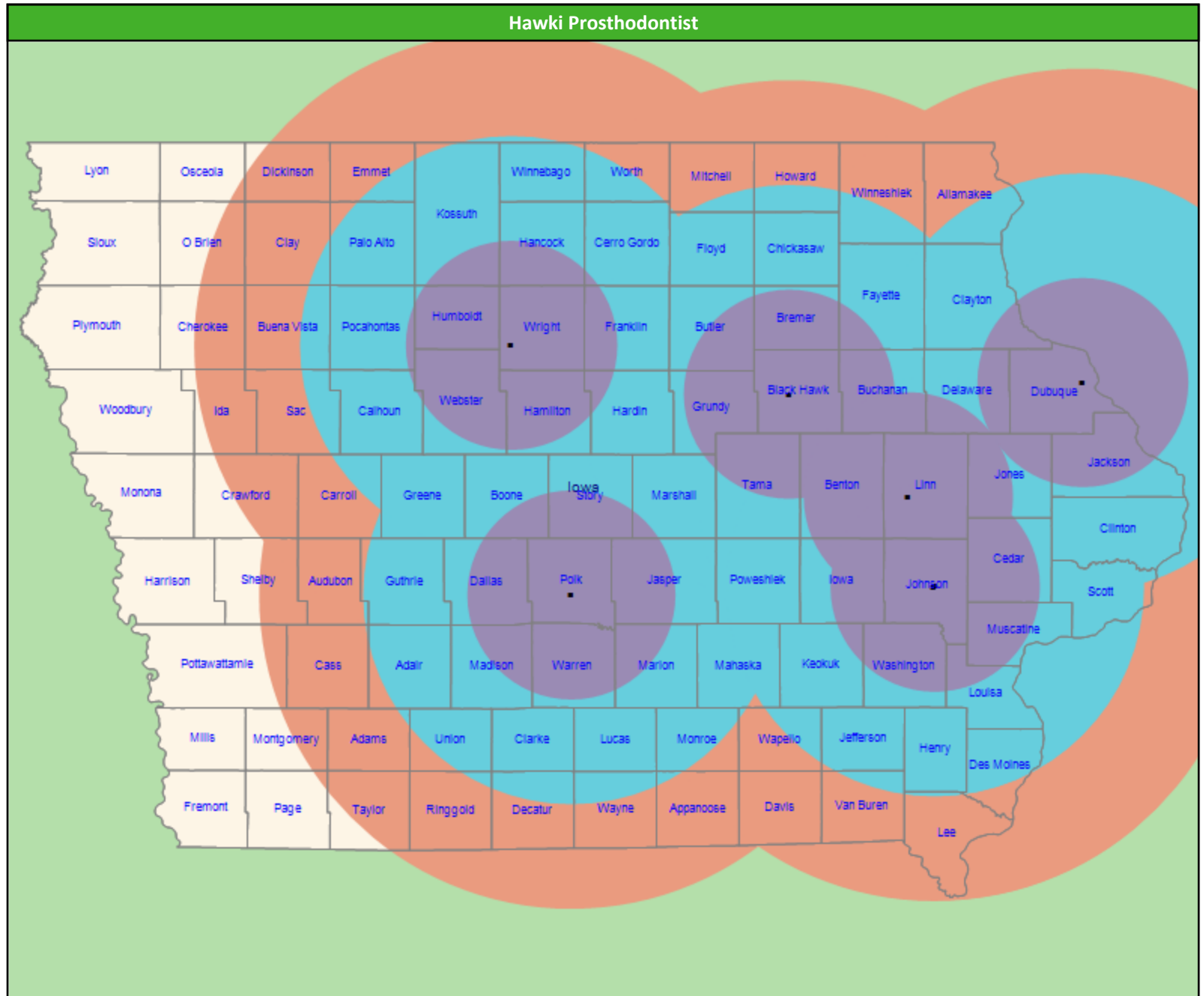
April 8, 2020

## Hawki Prost

22 providers at 7 locations

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

41.42 miles



### Access Summary By State Name

April 8, 2020

**Access Analysis**

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

<sup>1</sup> 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 <sup>1</sup>		Average Distance		Average Time
Group	#	Group	Standard	#	%	#	%	P	L	1	2	1
Hawki Members	63,935	Hawki GP	1 in 30 miles an...	63,924	99.9	11	0.1	1,746	796	3.1	4.0	3.4
		Hawki GP	1 in 60 miles an...	63,935	100.0	0	0.0	1,746	796	3.1	4.0	3.4
		Hawki GP	1 in 90 miles an...	63,935	100.0	0	0.0	1,746	796	3.1	4.0	3.4
		Hawki OS	1 in 30 miles an...	52,026	81.4	11,909	18.6	218	77	14.2	17.3	16.0
		Hawki OS	1 in 60 miles an...	62,728	98.1	1,207	1.9	218	77	14.2	17.3	16.0
		Hawki OS	1 in 90 miles an...	63,917	99.9	18	0.1	218	77	14.2	17.3	16.0
		Hawki Endo	1 in 30 miles an...	23,150	36.2	40,785	63.8	20	10	42.5	58.1	52.1
		Hawki Endo	1 in 60 miles an...	35,306	55.2	28,629	44.8	20	10	42.5	58.1	52.1
		Hawki Endo	1 in 90 miles an...	53,234	83.3	10,701	16.7	20	10	42.5	58.1	52.1
		Hawki Ortho	1 in 30 miles an...	57,150	89.4	6,785	10.6	167	102	10.9	16.2	12.1
		Hawki Ortho	1 in 60 miles an...	63,933	99.9	2	0.1	167	102	10.9	16.2	12.1
		Hawki Ortho	1 in 90 miles an...	63,935	100.0	0	0.0	167	102	10.9	16.2	12.1
		Hawki Perio	1 in 30 miles an...	6,668	10.4	57,267	89.6	13	5	112.9	118.1	132.1
		Hawki Perio	1 in 60 miles an...	14,114	22.1	49,821	77.9	13	5	112.9	118.1	132.1
		Hawki Perio	1 in 90 miles an...	22,200	34.7	41,735	65.3	13	5	112.9	118.1	132.1
		Hawki Prost	1 in 30 miles an...	24,888	38.9	39,047	61.1	22	7	46.6	79.6	55.4
		Hawki Prost	1 in 60 miles an...	38,348	60.0	25,587	40.0	22	7	46.6	79.6	55.4
		Hawki Prost	1 in 90 miles an...	49,633	77.6	14,302	22.4	22	7	46.6	79.6	55.4

Key Geographic Areas										
State Name	Member	Provider		With Access		Without Access		Average Distance		Average Time
	#	Group	Standard	#	%	#	%	1	2	1
Iowa	63,935	Hawki GP	1 in 60 miles and 60 mins	63,935	100.0	0	0.0	3.1	4.0	3.4
		Hawki GP	1 in 90 miles and 90 mins	63,935	100.0	0	0.0	3.1	4.0	3.4
		Hawki Ortho	1 in 90 miles and 90 mins	63,935	100.0	0	0.0	10.9	16.2	12.1
		Hawki Ortho	1 in 60 miles and 60 mins	63,933	99.9	2	0.1	10.9	16.2	12.1
		Hawki GP	1 in 30 miles and 30 mins	63,924	99.9	11	0.1	3.1	4.0	3.4
		Hawki OS	1 in 90 miles and 90 mins	63,917	99.9	18	0.1	14.2	17.3	16.0
		Hawki OS	1 in 60 miles and 60 mins	62,728	98.1	1,207	1.9	14.2	17.3	16.0
		Hawki Ortho	1 in 30 miles and 30 mins	57,150	89.4	6,785	10.6	10.9	16.2	12.1
		Hawki Endo	1 in 90 miles and 90 mins	53,234	83.3	10,701	16.7	42.5	58.1	52.1
		Hawki OS	1 in 30 miles and 30 mins	52,026	81.4	11,909	18.6	14.2	17.3	16.0
		Hawki Prost	1 in 90 miles and 90 mins	49,633	77.6	14,302	22.4	46.6	79.6	55.4
		Hawki Prost	1 in 60 miles and 60 mins	38,348	60.0	25,587	40.0	46.6	79.6	55.4
		Hawki Endo	1 in 60 miles and 60 mins	35,306	55.2	28,629	44.8	42.5	58.1	52.1
		Hawki Prost	1 in 30 miles and 30 mins	24,888	38.9	39,047	61.1	46.6	79.6	55.4
		Hawki Endo	1 in 30 miles and 30 mins	23,150	36.2	40,785	63.8	42.5	58.1	52.1
		Hawki Perio	1 in 90 miles and 90 mins	22,200	34.7	41,735	65.3	112.9	118.1	132.1
		Hawki Perio	1 in 60 miles and 60 mins	14,114	22.1	49,821	77.9	112.9	118.1	132.1

### Access Summary By City

April 8, 2020

**Access Analysis**

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

<sup>1</sup> 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 <sup>1</sup>		Average Distance		Average Time
Group	#	Group	Standard	#	%	#	%	P	L	1	2	1
Hawki Members	63,935	Hawki GP	1 in 30 miles an...	63,924	99.9	11	0.1	1,746	796	3.1	4.0	3.4
		Hawki GP	1 in 60 miles an...	63,935	100.0	0	0.0	1,746	796	3.1	4.0	3.4
		Hawki GP	1 in 90 miles an...	63,935	100.0	0	0.0	1,746	796	3.1	4.0	3.4
		Hawki OS	1 in 30 miles an...	52,026	81.4	11,909	18.6	218	77	14.2	17.3	16.0
		Hawki OS	1 in 60 miles an...	62,728	98.1	1,207	1.9	218	77	14.2	17.3	16.0
		Hawki OS	1 in 90 miles an...	63,917	99.9	18	0.1	218	77	14.2	17.3	16.0
		Hawki Endo	1 in 30 miles an...	23,150	36.2	40,785	63.8	20	10	42.5	58.1	52.1
		Hawki Endo	1 in 60 miles an...	35,306	55.2	28,629	44.8	20	10	42.5	58.1	52.1
		Hawki Endo	1 in 90 miles an...	53,234	83.3	10,701	16.7	20	10	42.5	58.1	52.1
		Hawki Ortho	1 in 30 miles an...	57,150	89.4	6,785	10.6	167	102	10.9	16.2	12.1
		Hawki Ortho	1 in 60 miles an...	63,933	99.9	2	0.1	167	102	10.9	16.2	12.1
		Hawki Ortho	1 in 90 miles an...	63,935	100.0	0	0.0	167	102	10.9	16.2	12.1
		Hawki Perio	1 in 30 miles an...	6,668	10.4	57,267	89.6	13	5	112.9	118.1	132.1
		Hawki Perio	1 in 60 miles an...	14,114	22.1	49,821	77.9	13	5	112.9	118.1	132.1
		Hawki Perio	1 in 90 miles an...	22,200	34.7	41,735	65.3	13	5	112.9	118.1	132.1
		Hawki Prost	1 in 30 miles an...	24,888	38.9	39,047	61.1	22	7	46.6	79.6	55.4
		Hawki Prost	1 in 60 miles an...	38,348	60.0	25,587	40.0	22	7	46.6	79.6	55.4
		Hawki Prost	1 in 90 miles an...	49,633	77.6	14,302	22.4	22	7	46.6	79.6	55.4

Key Geographic Areas										
City	Member	Provider		With Access		Without Access		Average Distance		Average Time
	#	Group	Standard	#	%	#	%	1	2	1
Des Moines, IA	5,073	Hawki Endo	1 in 30 miles and 30 mins	5,073	100.0	0	0.0	3.8	4.5	6.0
		Hawki Endo	1 in 60 miles and 60 mins	5,073	100.0	0	0.0	3.8	4.5	6.0
		Hawki Endo	1 in 90 miles and 90 mins	5,073	100.0	0	0.0	3.8	4.5	6.0
		Hawki GP	1 in 30 miles and 30 mins	5,073	100.0	0	0.0	0.8	1.0	1.3
		Hawki GP	1 in 60 miles and 60 mins	5,073	100.0	0	0.0	0.8	1.0	1.3
		Hawki GP	1 in 90 miles and 90 mins	5,073	100.0	0	0.0	0.8	1.0	1.3
		Hawki Ortho	1 in 30 miles and 30 mins	5,073	100.0	0	0.0	3.0	3.5	4.6
		Hawki Ortho	1 in 60 miles and 60 mins	5,073	100.0	0	0.0	3.0	3.5	4.6
		Hawki Ortho	1 in 90 miles and 90 mins	5,073	100.0	0	0.0	3.0	3.5	4.6
		Hawki OS	1 in 30 miles and 30 mins	5,073	100.0	0	0.0	3.0	3.4	4.7
		Hawki OS	1 in 60 miles and 60 mins	5,073	100.0	0	0.0	3.0	3.4	4.7
		Hawki OS	1 in 90 miles and 90 mins	5,073	100.0	0	0.0	3.0	3.4	4.7
		Hawki Prost	1 in 30 miles and 30 mins	5,073	100.0	0	0.0	5.3	77.5	7.8
		Hawki Prost	1 in 60 miles and 60 mins	5,073	100.0	0	0.0	5.3	77.5	7.8
		Hawki Prost	1 in 90 miles and 90 mins	5,073	100.0	0	0.0	5.3	77.5	7.8
		Hawki Perio	1 in 30 miles and 30 mins	0	0.0	5,073	100.0	106.2	109.2	145.6
		Hawki Perio	1 in 60 miles and 60 mins	0	0.0	5,073	100.0	106.2	109.2	145.6