# **Network Access Analysis**

Dental Wellness Plan

Delta Dental of Iowa

October 12, 2020

# **Contents**

| Report Contents  |    |
|--|----|
| Access Overview 30 Miles   | 3  |
| Access Overview 60 Miles   | 10 |
| Access Overview 90 Miles   | 17 |
| DWP General Practitioner Access Map  | 24 |
| DWP Oral Surgeon Access Map  | 25 |
| DWP Endodontist Access Map   |    |
| DWP Periodontist Access Map  | 27 |
| DWP Prosthodontist Access Map  | 28 |
| DWP Orthodontist Access Map  | 29 |
| Access Summary By State  | 30 |
| Access Summary By City  DWP Members: DWP General Practitioner, DWP General Practitioner, DWP General Practitioner, DWP General Practiti | 31 |

Prosthodontist, DWP Members: DWP Prosthodontist, DWP Members: DWP Orthodontist, DWP Orthodontist,

October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

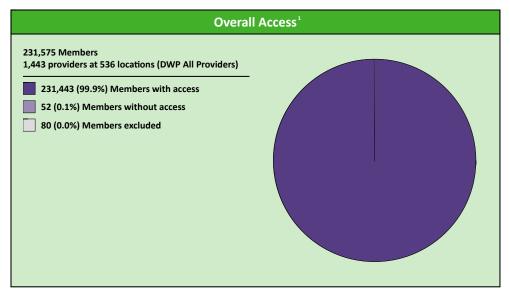
**DWP All Providers** 

#### **Comparison Graph**

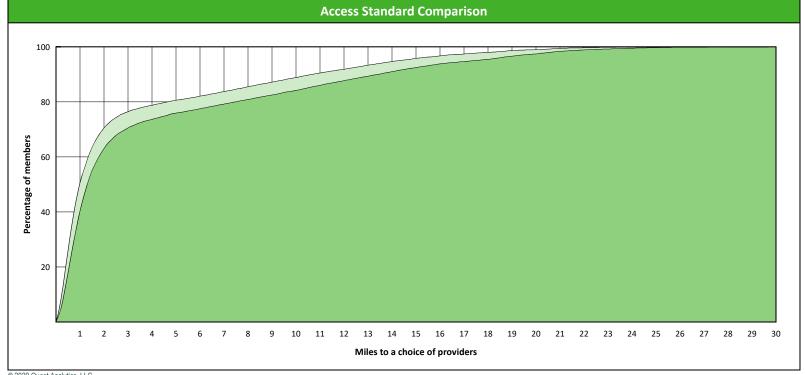
Percent of members with access to a choice of providers over miles

☐ 1st closest 2nd closest

1 (DWP All Providers) provider in 30 miles and 30 minutes



| Distances/Times                       |                       |
|---------------------------------------|-----------------------|
|                                       | Average               |
| Distance/Time to 1st closest provider | 3.1 miles<br>3.5 mins |
| Distance/Time to 2nd closest provider | 4.1 miles<br>4.5 mins |
|                                       |                       |
|                                       |                       |
|                                       |                       |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

#### Access Analysis

DWP Network

#### Member / Provider Groups

**DWP Members** 

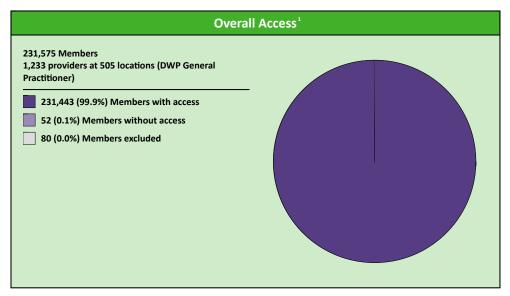
**DWP General Practitioner** 

#### **Comparison Graph**

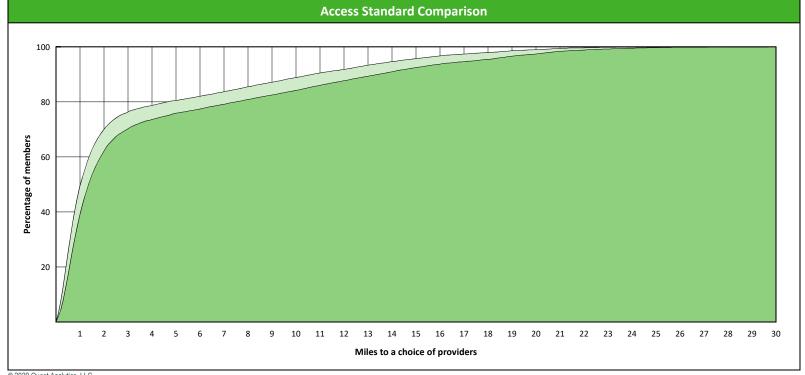
Percent of members with access to a choice of providers over miles

☐ 1st closest 2nd closest

1 (DWP General Practitioner) provider in 30 miles and 30 minutes



| Distances/Times                       |                       |
|---------------------------------------|-----------------------|
|                                       | Average               |
| Distance/Time to 1st closest provider | 3.2 miles<br>3.5 mins |
| Distance/Time to 2nd closest provider | 4.1 miles<br>4.6 mins |
|                                       |                       |
|                                       |                       |
|                                       |                       |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

**DWP Oral Surgeon** 

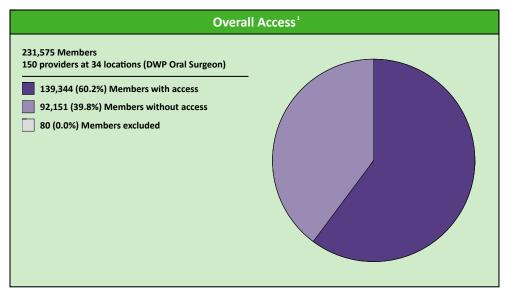
#### **Comparison Graph**

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

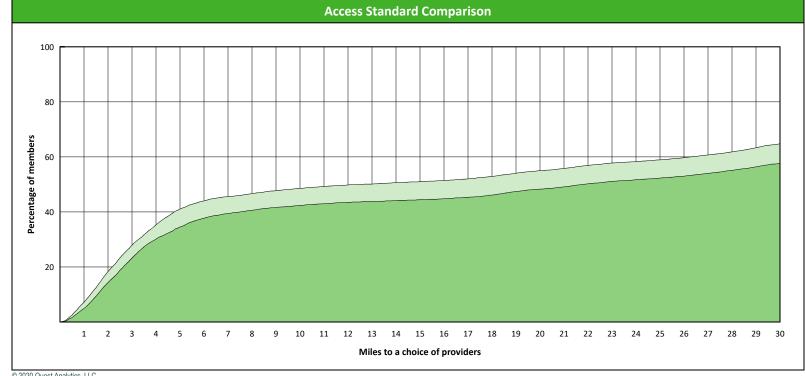
☐ 1st closest 2nd closest

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

1 (DWP Oral Surgeon) provider in 30 miles and 30 minutes



| Distances/Times                       |                         |
|---------------------------------------|-------------------------|
|                                       | Average                 |
| Distance/Time to 1st closest provider | 25.8 miles<br>30.3 mins |
| Distance/Time to 2nd closest provider | 28.8 miles<br>34.1 mins |
|                                       |                         |
|                                       |                         |
|                                       |                         |



October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

**DWP Endodontist** 

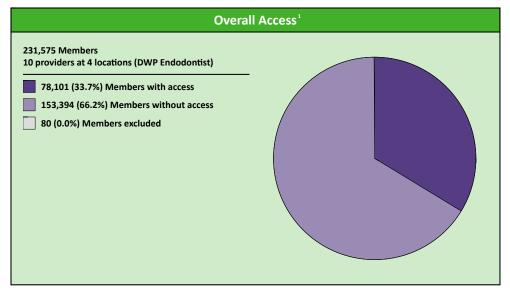
#### **Comparison Graph**

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

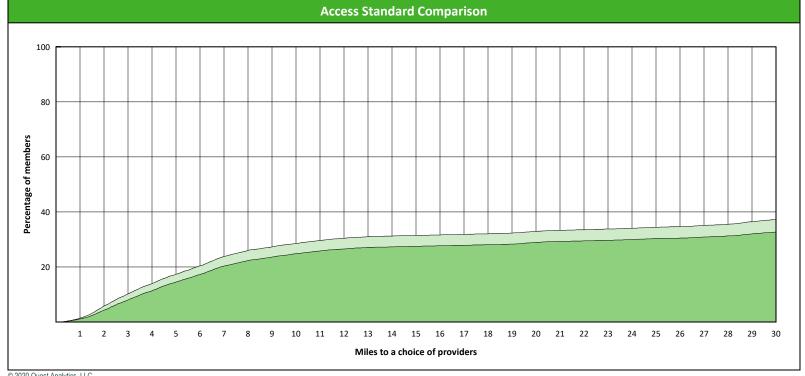
☐ 1st closest 2nd closest

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

1 (DWP Endodontist) provider in 30 miles and 30 minutes



| Distances/Times                       |                         |
|---------------------------------------|-------------------------|
|                                       | Average                 |
| Distance/Time to 1st closest provider | 45.1 miles<br>62.2 mins |
| Distance/Time to 2nd closest provider | 56.2 miles<br>79.2 mins |
|                                       |                         |
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October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

**DWP Orthodontist** 

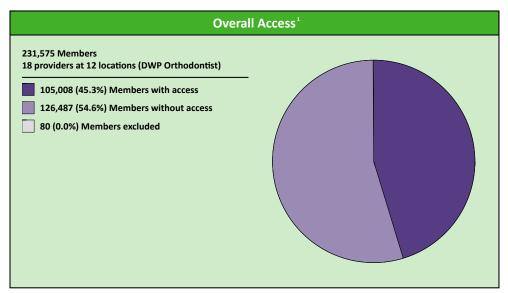
#### **Comparison Graph**

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

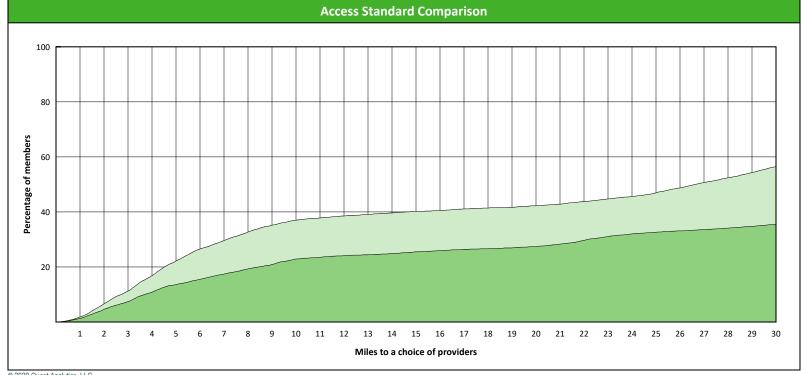
☐ 1st closest 2nd closest

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

1 (DWP Orthodontist) provider in 30 miles and 30 minutes



| Distances/Times                       |                         |
|---------------------------------------|-------------------------|
|                                       | Average                 |
| Distance/Time to 1st closest provider | 31.1 miles<br>39.2 mins |
| Distance/Time to 2nd closest provider | 43.6 miles<br>55.1 mins |
|                                       |                         |
|                                       |                         |
|                                       |                         |



October 12, 2020

**Access Analysis** 

**DWP Network** 

Member / Provider Groups

**DWP Members** 

**DWP Periodontist** 

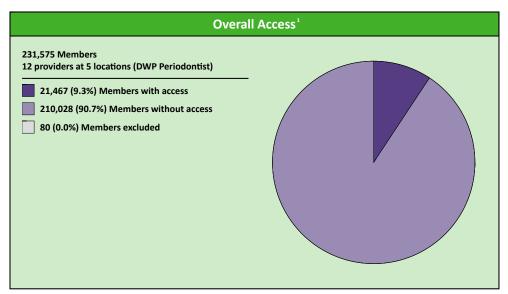
#### **Comparison Graph**

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

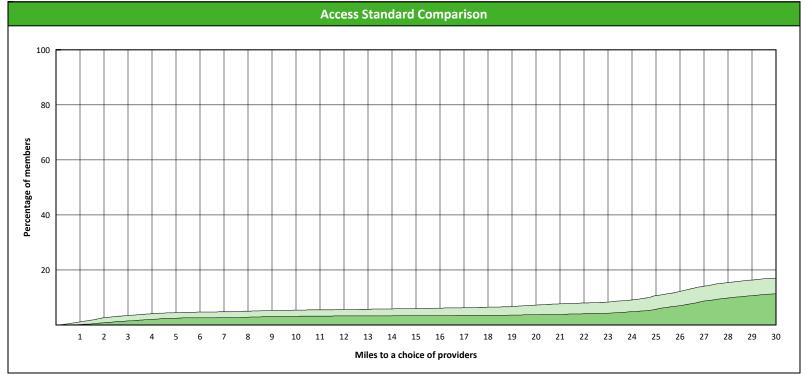
1st closest
2nd closest

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

1 (DWP Periodontist) provider in 30 miles and 30 minutes



| Distances/Times                       |                         |
|---------------------------------------|-------------------------|
|                                       | Average                 |
| Distance/Time to 1st closest provider | 61.2 miles<br>78.2 mins |
| Distance/Time to 2nd closest provider | 70.9 miles<br>90.4 mins |
|                                       |                         |
|                                       |                         |
|                                       |                         |



October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

**DWP Prosthodontist** 

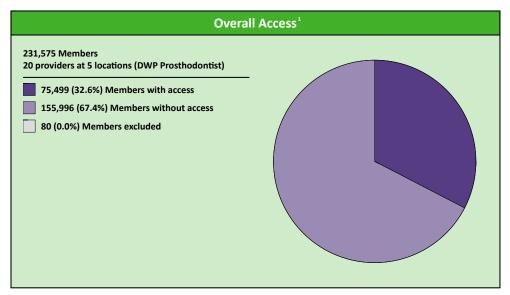
#### **Comparison Graph**

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

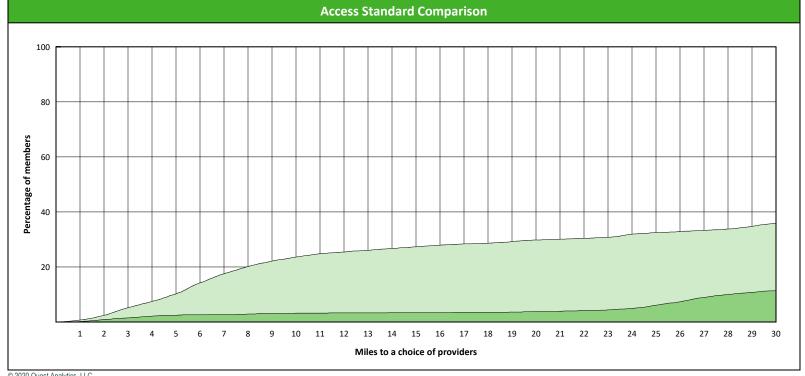
☐ 1st closest 2nd closest

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

1 (DWP Prosthodontist) provider in 30 miles and 30 minutes



| Distances/Times                       |                         |
|---------------------------------------|-------------------------|
|                                       | Average                 |
| Distance/Time to 1st closest provider | 49.4 miles<br>61.5 mins |
| Distance/Time to 2nd closest provider | 78.7 miles<br>99.6 mins |
|                                       |                         |
|                                       |                         |
|                                       |                         |



October 12, 2020

Access Analysis

DWP Network

Member / Provider Groups

**DWP Members** 

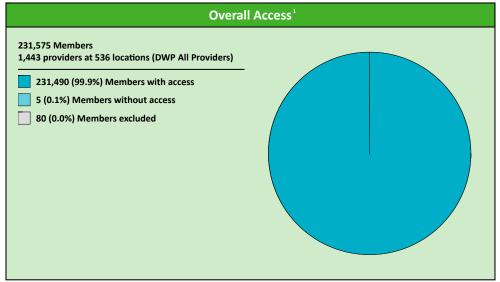
DWP All Providers

#### **Comparison Graph**

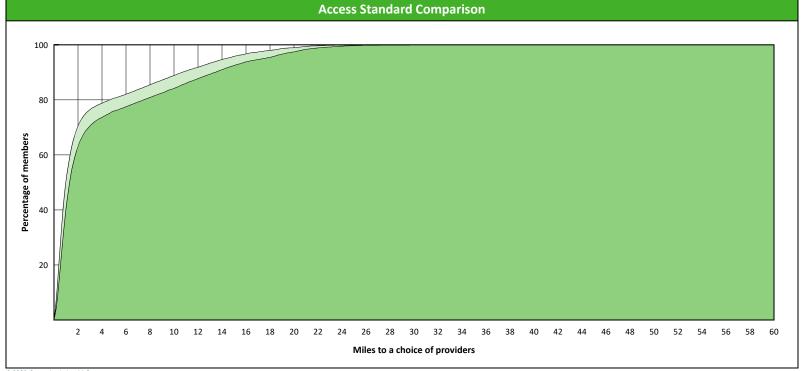
Percent of members with access to a choice of providers over miles

1st closest
2nd closest

1 (DWP All Providers) provider in 60 miles and 60 minutes



| Distances/Times                       |                       |
|---------------------------------------|-----------------------|
|                                       | Average               |
| Distance/Time to 1st closest provider | 3.1 miles<br>3.5 mins |
| Distance/Time to 2nd closest provider | 4.1 miles<br>4.5 mins |
|                                       |                       |
|                                       |                       |
|                                       |                       |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

Access Analysis

DWP Network

Member / Provider Groups

**DWP Members** 

**DWP General Practitioner** 

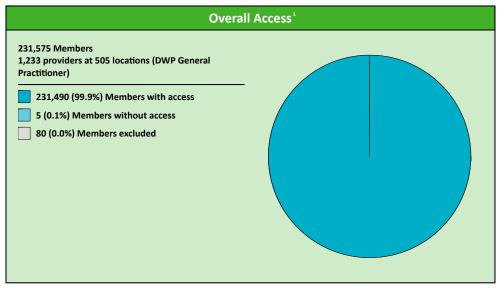
#### **Comparison Graph**

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

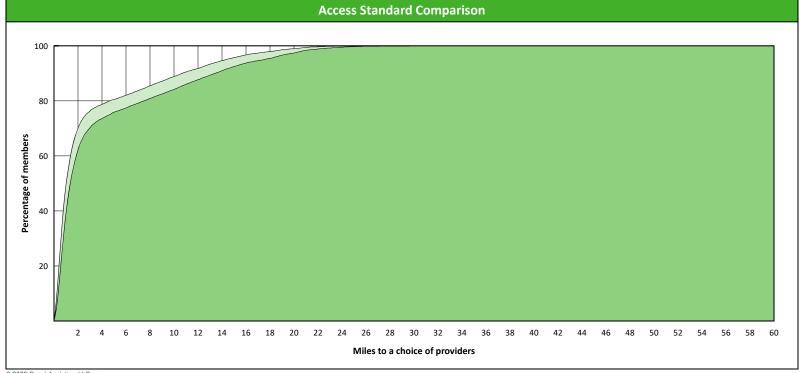
1st closest
2nd closest

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

1 (DWP General Practitioner) provider in 60 miles and 60 minutes



| Distances/Times                       |                       |
|---------------------------------------|-----------------------|
|                                       | Average               |
| Distance/Time to 1st closest provider | 3.2 miles<br>3.5 mins |
| Distance/Time to 2nd closest provider | 4.1 miles<br>4.6 mins |
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October 12, 2020

Access Analysis

DWP Network

Member / Provider Groups

DWP Members

DWP Oral Surgeon

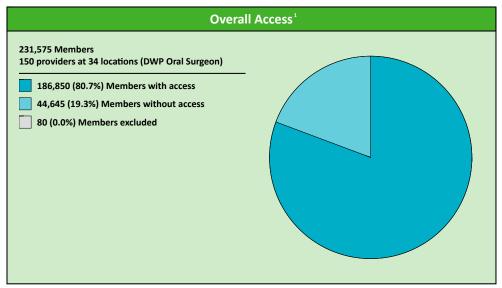
#### **Comparison Graph**

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

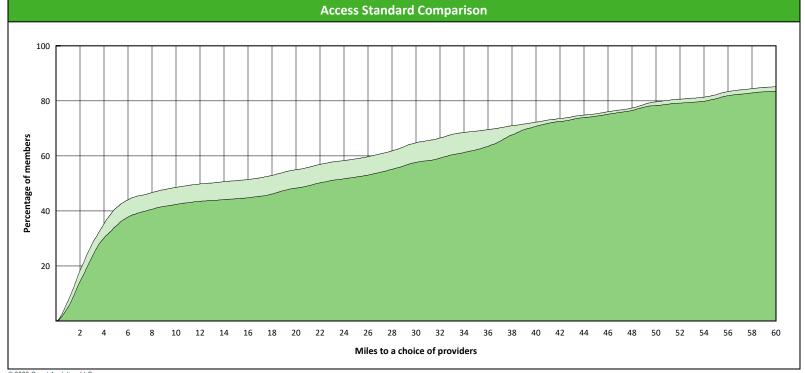
1st closest
2nd closest

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

1 (DWP Oral Surgeon) provider in 60 miles and 60 minutes



| Distances/Times                       |                         |
|---------------------------------------|-------------------------|
|                                       | Average                 |
| Distance/Time to 1st closest provider | 25.8 miles<br>30.3 mins |
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|                                       |                         |
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October 12, 2020 Access Analysis **DWP Network** 

#### Member / Provider Groups

**DWP Members** 

**DWP Endodontist** 

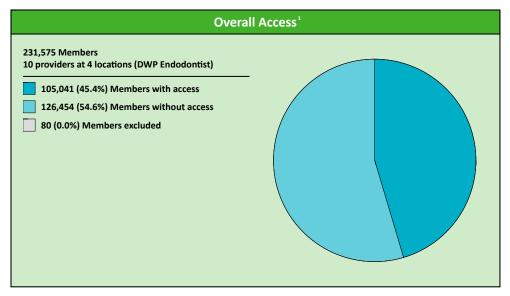
#### **Comparison Graph**

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

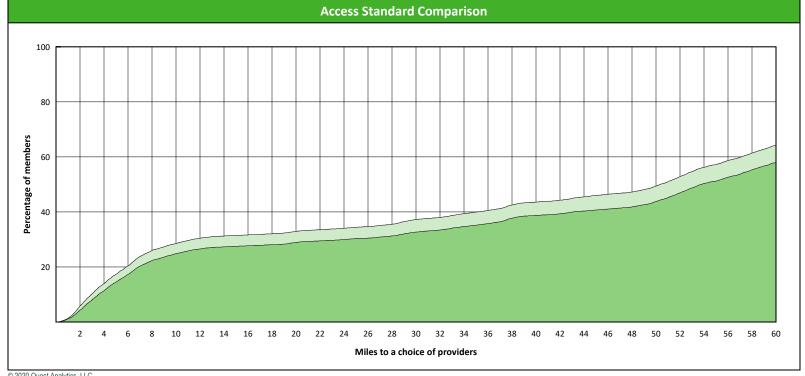
☐ 1st closest 2nd closest

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

1 (DWP Endodontist) provider in 60 miles and 60 minutes



| Distances/Times                       |                         |
|---------------------------------------|-------------------------|
|                                       | Average                 |
| Distance/Time to 1st closest provider | 45.1 miles<br>62.2 mins |
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|                                       |                         |
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|                                       |                         |



October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

**DWP Orthodontist** 

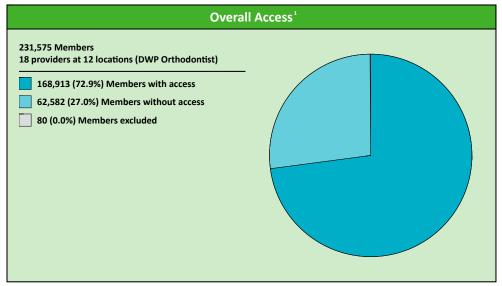
#### **Comparison Graph**

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

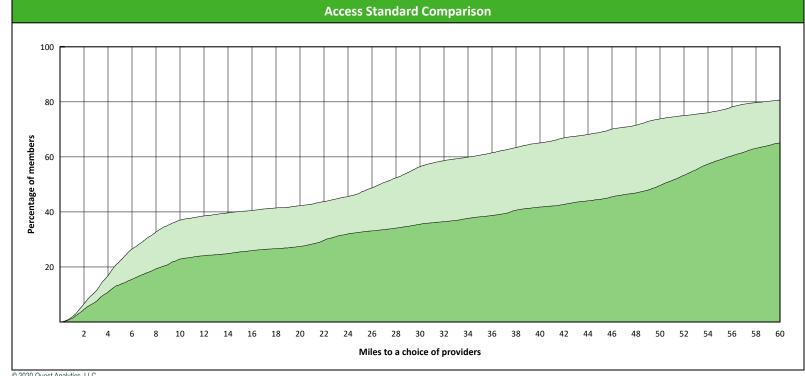
☐ 1st closest 2nd closest

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

1 (DWP Orthodontist) provider in 60 miles and 60 minutes



| Distances/Times                       |                         |  |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|--|
|                                       | Average                 |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 31.1 miles<br>39.2 mins |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 43.6 miles<br>55.1 mins |  |  |  |  |  |  |
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October 12, 2020
Access Analysis

DWP Network

Member / Provider Groups

**DWP Members** 

DWP Periodontist

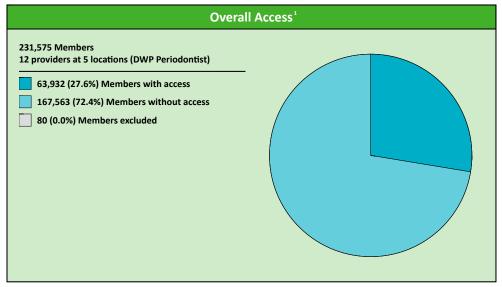
#### **Comparison Graph**

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

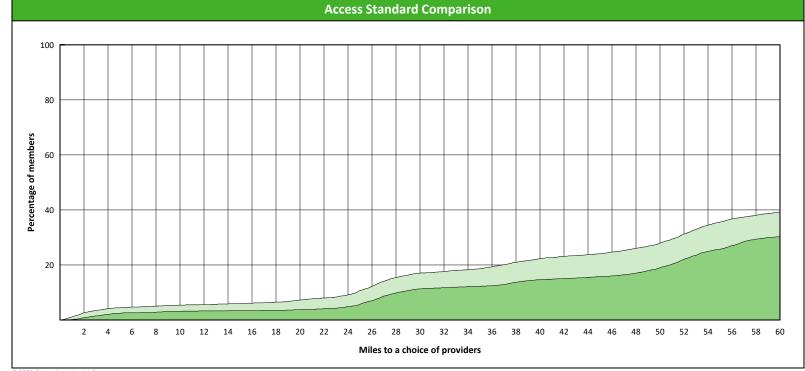
1st closest
2nd closest

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

1 (DWP Periodontist) provider in 60 miles and 60 minutes



| Distances/Times                       |                         |  |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|--|
|                                       | Average                 |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 61.2 miles<br>78.2 mins |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 70.9 miles<br>90.4 mins |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
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October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

**DWP Prosthodontist** 

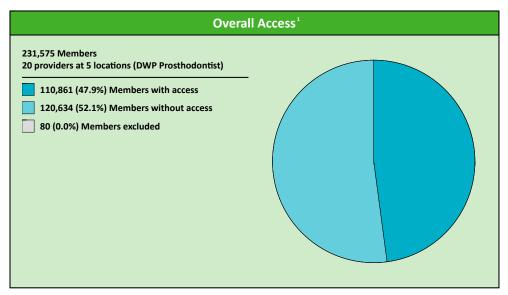
#### **Comparison Graph**

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

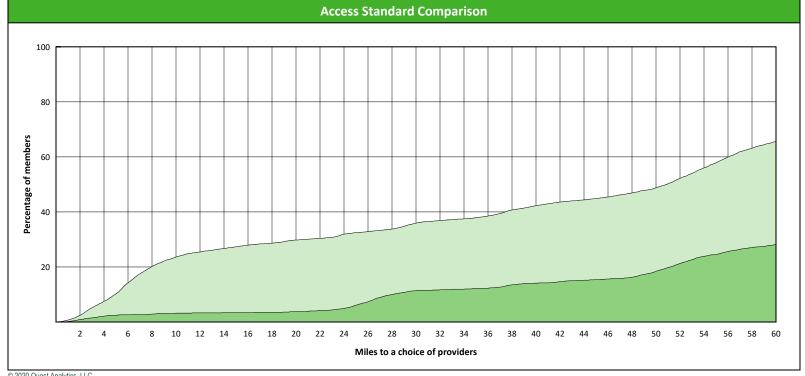
☐ 1st closest 2nd closest

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

1 (DWP Prosthodontist) provider in 60 miles and 60 minutes



| Distances/Times                       |                         |  |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|--|
|                                       | Average                 |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 49.4 miles<br>61.5 mins |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 78.7 miles<br>99.6 mins |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
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October 12, 2020

Access Analysis

**DWP Network** 

#### Member / Provider Groups

**DWP Members** 

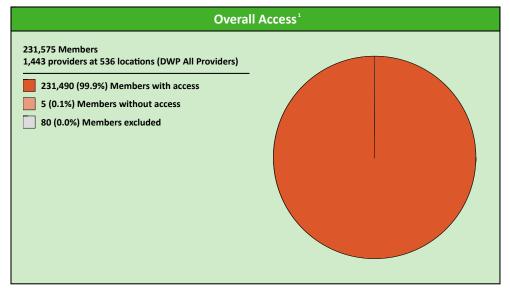
**DWP All Providers** 

#### **Comparison Graph**

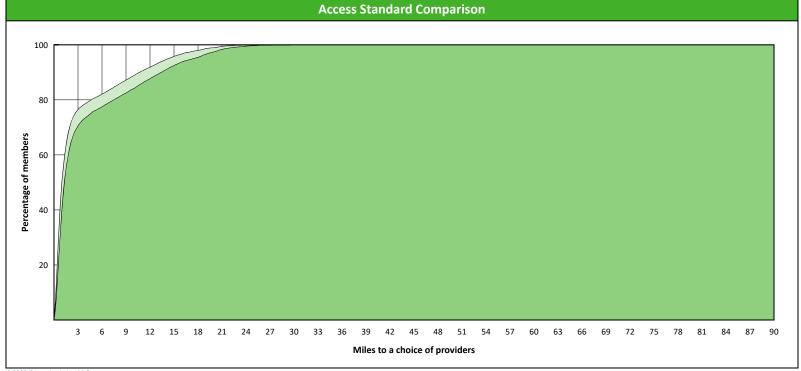
Percent of members with access to a choice of providers over miles

1st closest
2nd closest

1 (DWP All Providers) provider in 90 miles and 90 minutes



| Distances/Times                       |                       |  |  |  |  |  |  |
|---------------------------------------|-----------------------|--|--|--|--|--|--|
|                                       | Average               |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 3.1 miles<br>3.5 mins |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 4.1 miles<br>4.5 mins |  |  |  |  |  |  |
|                                       |                       |  |  |  |  |  |  |
|                                       |                       |  |  |  |  |  |  |
|                                       |                       |  |  |  |  |  |  |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

**Access Analysis** 

**DWP Network** 

Member / Provider Groups

**DWP Members** 

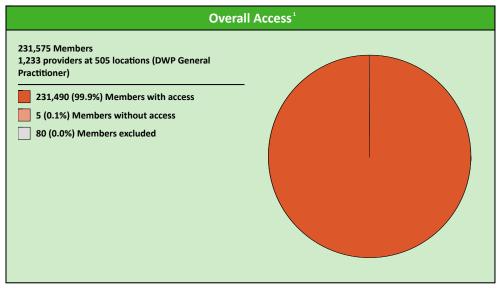
DWP General Practitioner

#### **Comparison Graph**

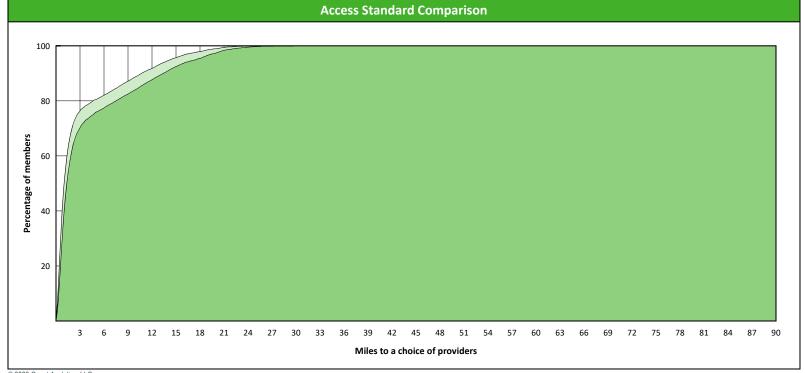
Percent of members with access to a choice of providers over miles

1st closest
2nd closest

1 (DWP General Practitioner) provider in 90 miles and 90 minutes



| Distances/Times                       |                       |  |  |  |  |  |  |  |
|---------------------------------------|-----------------------|--|--|--|--|--|--|--|
| Average                               |                       |  |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 3.2 miles<br>3.5 mins |  |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 4.1 miles<br>4.6 mins |  |  |  |  |  |  |  |
|                                       |                       |  |  |  |  |  |  |  |
|                                       |                       |  |  |  |  |  |  |  |
|                                       |                       |  |  |  |  |  |  |  |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

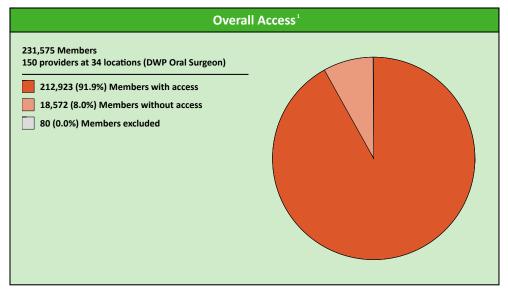
**DWP Oral Surgeon** 

#### **Comparison Graph**

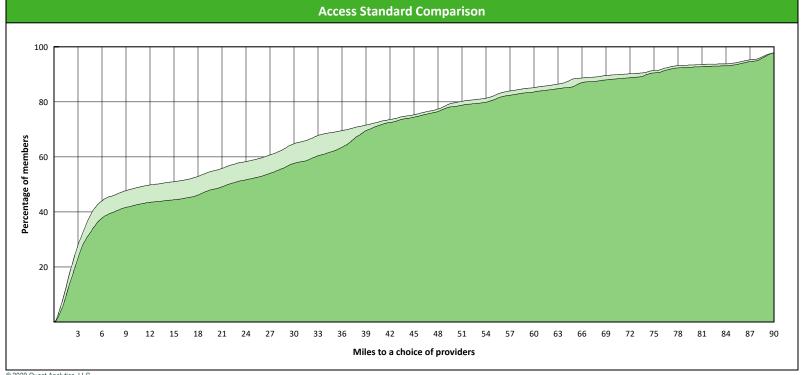
Percent of members with access to a choice of providers over miles

☐ 1st closest 2nd closest

1 (DWP Oral Surgeon) provider in 90 miles and 90 minutes



| Distances/Times                       |                         |  |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|--|
|                                       | Average                 |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 25.8 miles<br>30.3 mins |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 28.8 miles<br>34.1 mins |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

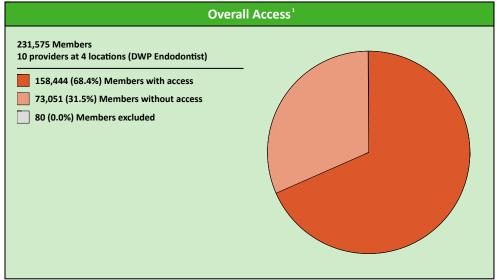
**DWP Endodontist** 

#### **Comparison Graph**

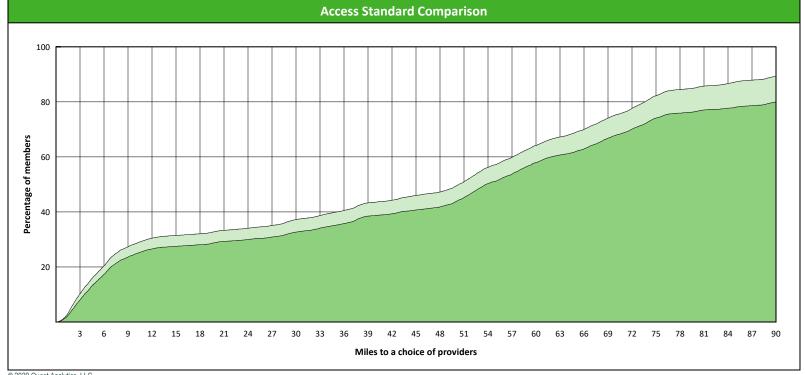
Percent of members with access to a choice of providers over miles

☐ 1st closest 2nd closest

1 (DWP Endodontist) provider in 90 miles and 90 minutes



| Distances/Times                       |                         |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|
|                                       | Average                 |  |  |  |  |  |
| Distance/Time to 1st closest provider | 45.1 miles<br>62.2 mins |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 56.2 miles<br>79.2 mins |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

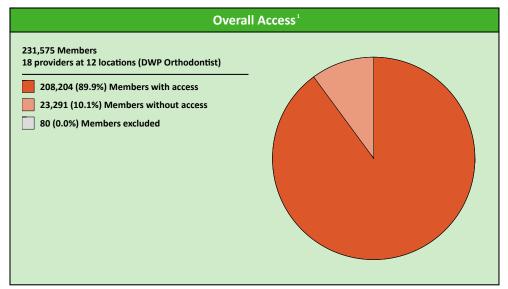
**DWP Orthodontist** 

#### **Comparison Graph**

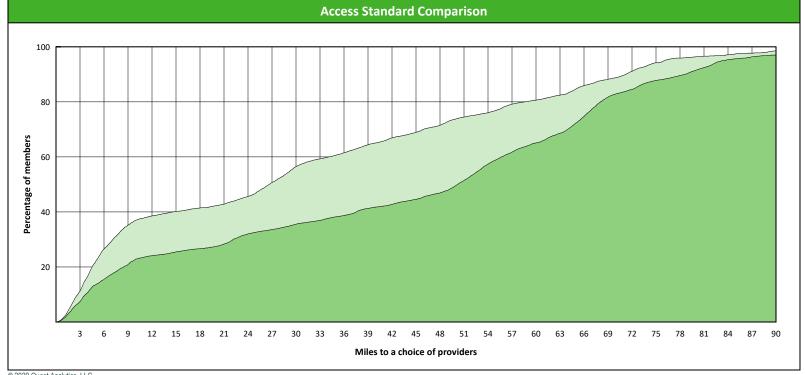
Percent of members with access to a choice of providers over miles

☐ 1st closest 2nd closest

1 (DWP Orthodontist) provider in 90 miles and 90 minutes



| Distances/Times                       |                         |  |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|--|
|                                       | Average                 |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 31.1 miles<br>39.2 mins |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 43.6 miles<br>55.1 mins |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

**Access Analysis** 

DWP Network

Member / Provider Groups

**DWP Members** 

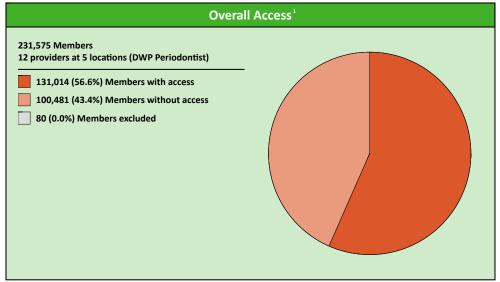
DWP Periodontist

#### **Comparison Graph**

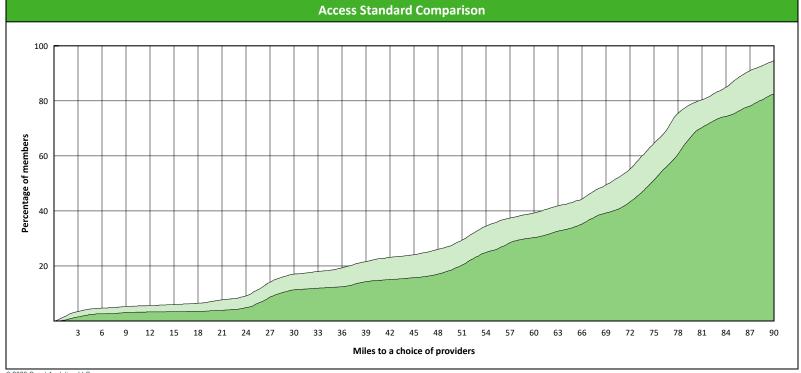
Percent of members with access to a choice of providers over miles

1st closest
2nd closest

1 (DWP Periodontist) provider in 90 miles and 90 minutes



| Distances/Times                       |                         |  |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|--|
|                                       | Average                 |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 61.2 miles<br>78.2 mins |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 70.9 miles<br>90.4 mins |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

October 12, 2020

Access Analysis

**DWP Network** 

Member / Provider Groups

**DWP Members** 

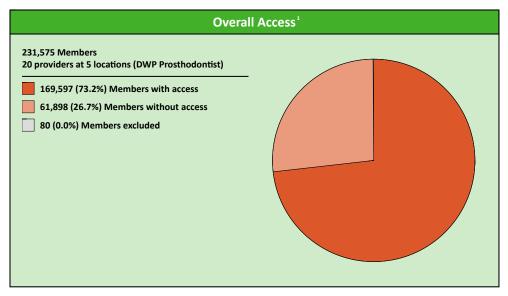
**DWP Prosthodontist** 

#### **Comparison Graph**

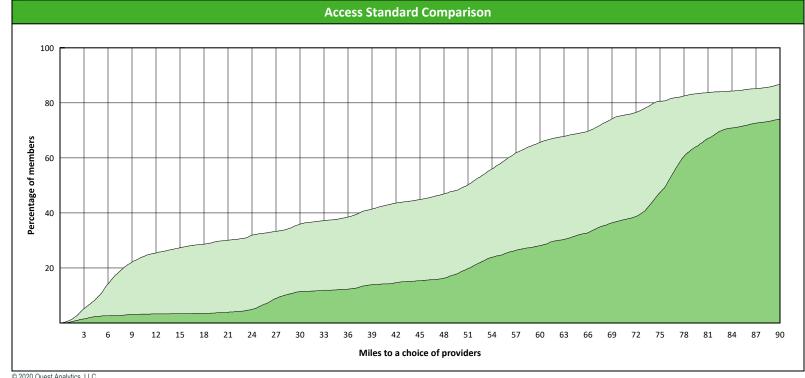
Percent of members with access to a choice of providers over miles

☐ 1st closest 2nd closest

1 (DWP Prosthodontist) provider in 90 miles and 90 minutes



| Distances/Times                       |                         |  |  |  |  |  |  |  |  |
|---------------------------------------|-------------------------|--|--|--|--|--|--|--|--|
| Average                               |                         |  |  |  |  |  |  |  |  |
| Distance/Time to 1st closest provider | 49.4 miles<br>61.5 mins |  |  |  |  |  |  |  |  |
| Distance/Time to 2nd closest provider | 78.7 miles<br>99.6 mins |  |  |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |  |  |
|                                       |                         |  |  |  |  |  |  |  |  |



<sup>&</sup>lt;sup>1</sup> The Access Standard is defined as (DWP Members) members accessing:

# **DWP General Practitioner Access Map**

October 12, 2020

DWP General Practitioner

1,233 providers at 505 locations

■ Single providers (228)

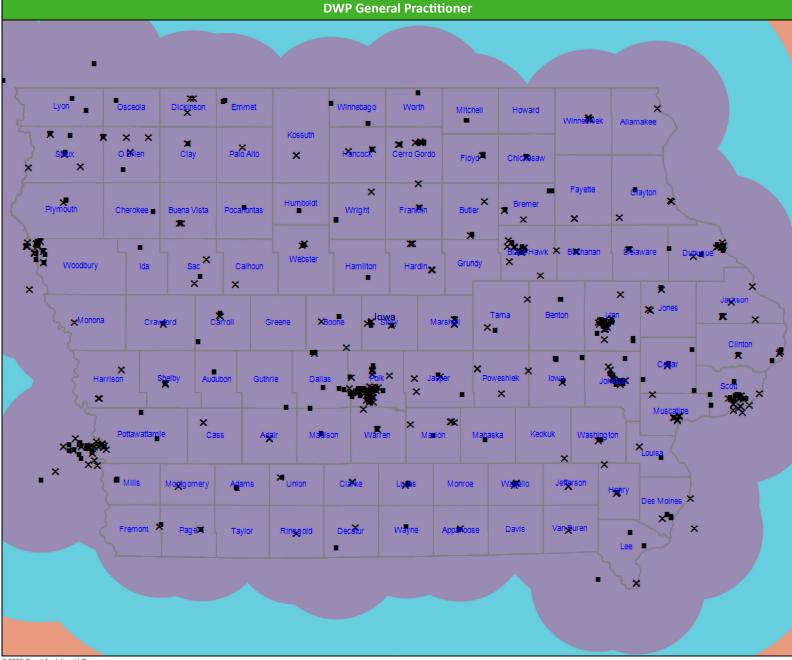
➤ Multiple providers (277)

■ 30 mile radius

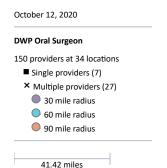
■ 60 mile radius

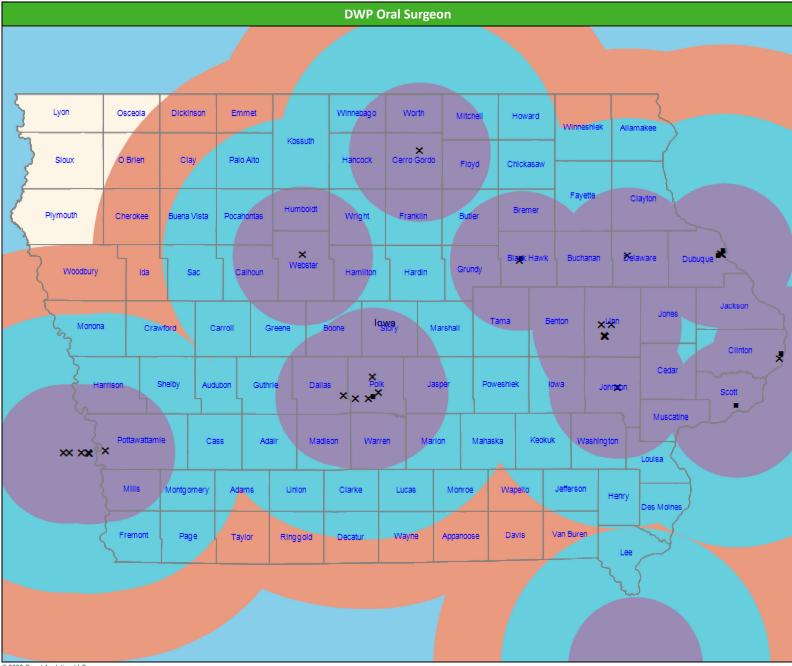
■ 90 mile radius

41.42 miles



# **DWP Oral Surgeon Access Map**





# **DWP Endodontist Access Map**

October 12, 2020

DWP Endodontist

10 providers at 4 locations

Single providers (1)

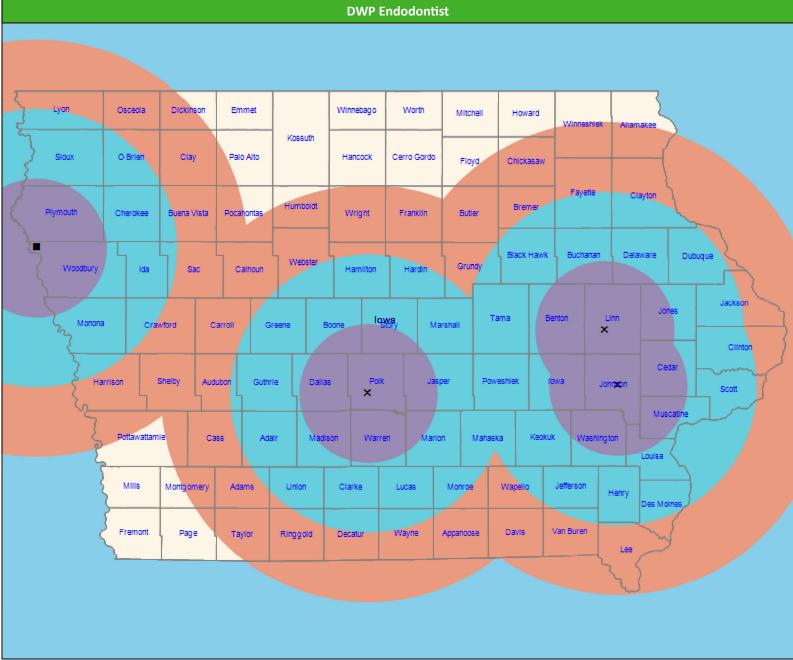
Multiple providers (3)

30 mile radius

60 mile radius

90 mile radius

41.42 miles



# **DWP Periodontist Access Map**

DWP Periodontist

12 providers at 5 locations

Single providers (4)

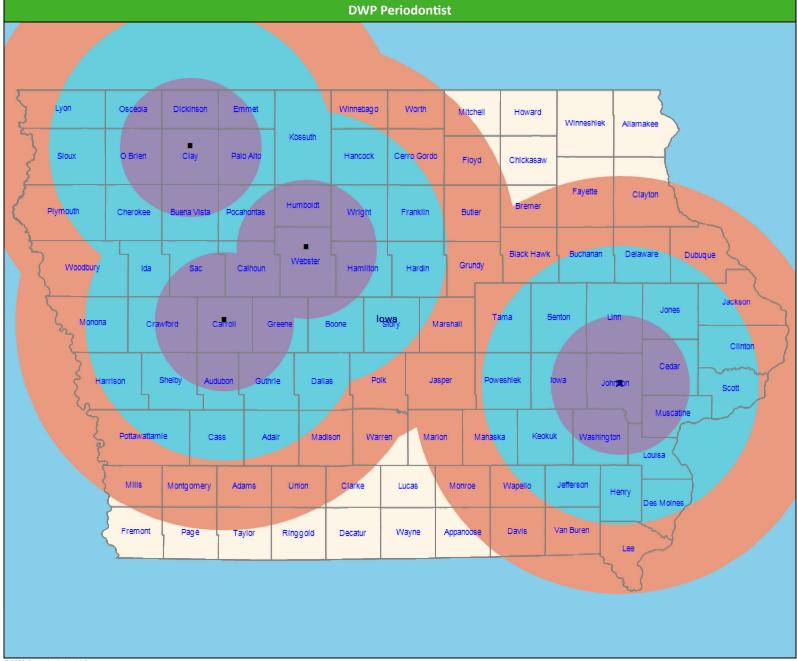
Multiple providers (1)

30 mile radius

60 mile radius

90 mile radius

41.42 miles



# **DWP Prosthodontist Access Map**

October 12, 2020

DWP Prosthodontist

20 providers at 5 locations

Single providers (3)

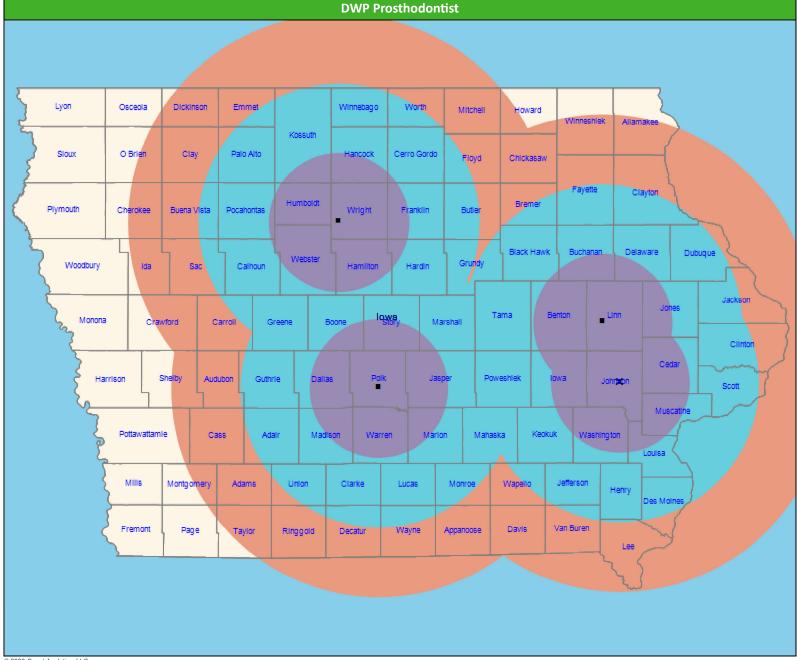
Multiple providers (2)

30 mile radius

60 mile radius

90 mile radius

41.42 miles



# **DWP Orthodontist Access Map**

DWP Orthodontist

18 providers at 12 locations

Single providers (8)

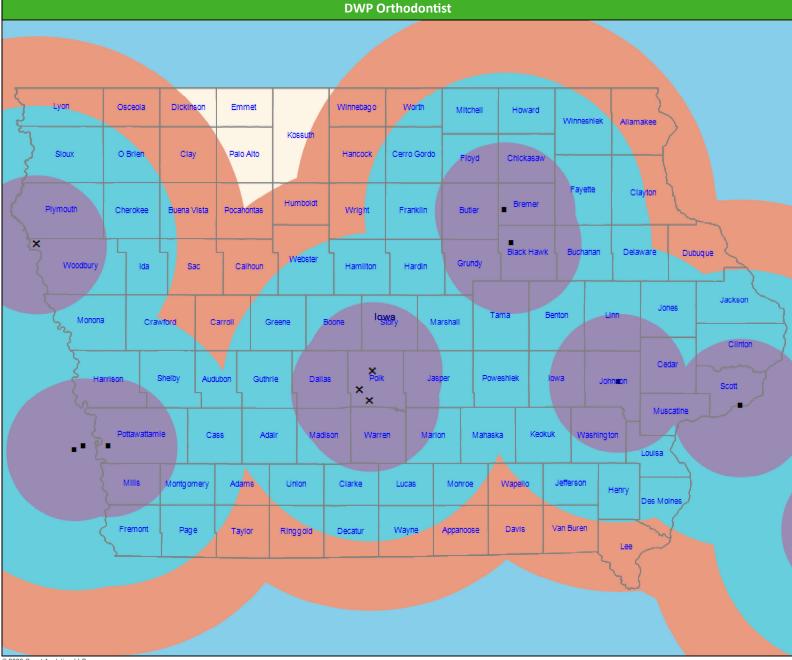
Multiple providers (4)

30 mile radius

60 mile radius

90 mile radius

41.42 miles



# **Access Summary By State**

October 12, 2020

Access Analysis

DWP Network

Member Group

**DWP Members** 

**Provider Group** 

DWP All Providers

DWP General Practitioner

DWP Oral Surgeon

DWP Endodontist

**DWP** Orthodontist

**DWP** Periodontist

**DWP Prosthodontist** 

P: Unique providers

<sup>\*\*</sup> These records have been excluded from the analysis because of invalid zip codes.

|             |                 |                   |                     | All Mem  | bers                       |         |       |       |                  |      |              |      |
|-------------|-----------------|-------------------|---------------------|----------|----------------------------|---------|-------|-------|------------------|------|--------------|------|
| Member      | Member Provider |                   |                     | With Acc | With Access Without Access |         | ccess | Cou   | Average Distance |      | Average Time |      |
| Group       | #               | Group             | Standard            | #        | %                          | #       | %     | Р     | L                | 1    | 2            | 1    |
| DWP Members | 231,495         | DWP All Providers | 1 in 30 miles and 3 | 231,443  | 99.9                       | 52      | 0.1   | 1,443 | 536              | 3.1  | 4.1          | 3.5  |
|             |                 | DWP General Pr    | 1 in 30 miles and 3 | 231,443  | 99.9                       | 52      | 0.1   | 1,233 | 505              | 3.2  | 4.1          | 3.5  |
|             |                 | DWP General Pr    | 1 in 60 miles and 6 | 231,490  | 99.9                       | 5       | 0.1   | 1,233 | 505              | 3.2  | 4.1          | 3.5  |
|             |                 | DWP General Pr    | 1 in 90 miles and 9 | 231,490  | 99.9                       | 5       | 0.1   | 1,233 | 505              | 3.2  | 4.1          | 3.5  |
|             |                 | DWP Oral Surgeon  | 1 in 30 miles and 3 | 139,344  | 60.2                       | 92,151  | 39.8  | 150   | 34               | 25.8 | 28.8         | 30.3 |
|             |                 | DWP Oral Surgeon  | 1 in 60 miles and 6 | 186,850  | 80.7                       | 44,645  | 19.3  | 150   | 34               | 25.8 | 28.8         | 30.3 |
|             |                 | DWP Oral Surgeon  | 1 in 90 miles and 9 | 212,923  | 92.0                       | 18,572  | 8.0   | 150   | 34               | 25.8 | 28.8         | 30.3 |
|             |                 | DWP Endodontist   | 1 in 30 miles and 3 | 78,101   | 33.7                       | 153,394 | 66.3  | 10    | 4                | 45.1 | 56.2         | 62.2 |
|             |                 | DWP Endodontist   | 1 in 60 miles and 6 | 105,041  | 45.4                       | 126,454 | 54.6  | 10    | 4                | 45.1 | 56.2         | 62.2 |
|             |                 | DWP Endodontist   | 1 in 90 miles and 9 | 158,444  | 68.4                       | 73,051  | 31.6  | 10    | 4                | 45.1 | 56.2         | 62.2 |
|             |                 | DWP Orthodontist  | 1 in 30 miles and 3 | 105,008  | 45.4                       | 126,487 | 54.6  | 18    | 12               | 31.1 | 43.6         | 39.2 |
|             |                 | DWP Orthodontist  | 1 in 60 miles and 6 | 168,913  | 73.0                       | 62,582  | 27.0  | 18    | 12               | 31.1 | 43.6         | 39.2 |
|             |                 | DWP Orthodontist  | 1 in 90 miles and 9 | 208,204  | 89.9                       | 23,291  | 10.1  | 18    | 12               | 31.1 | 43.6         | 39.2 |
|             |                 | DWP Periodontist  | 1 in 30 miles and 3 | 21,467   | 9.3                        | 210,028 | 90.7  | 12    | 5                | 61.2 | 70.9         | 78.2 |
|             |                 | DWP Periodontist  | 1 in 60 miles and 6 | 63,932   | 27.6                       | 167,563 | 72.4  | 12    | 5                | 61.2 | 70.9         | 78.2 |
|             |                 | DWP Periodontist  | 1 in 90 miles and 9 | 131,014  | 56.6                       | 100,481 | 43.4  | 12    | 5                | 61.2 | 70.9         | 78.2 |
|             |                 | DWP Prosthodo     | 1 in 30 miles and 3 | 75,499   | 32.6                       | 155,996 | 67.4  | 20    | 5                | 49.4 | 78.7         | 61.5 |
|             |                 | DWP Prosthodo     | 1 in 60 miles and 6 | 110,861  | 47.9                       | 120,634 | 52.1  | 20    | 5                | 49.4 | 78.7         | 61.5 |
|             |                 | DWP Prosthodo     | 1 in 90 miles and 9 | 169,597  | 73.3                       | 61,898  | 26.7  | 20    | 5                | 49.4 | 78.7         | 61.5 |

|       |         |                          | Key Geographic Areas      |         |             |         |                |      |          |              |  |
|-------|---------|--------------------------|---------------------------|---------|-------------|---------|----------------|------|----------|--------------|--|
| State | Member  | Provider                 |                           |         | With Access |         | Without Access |      | Distance | Average Time |  |
| Name  | #       | Group                    | Standard                  | #       | %           | #       | %              | 1    | 2        | 1            |  |
| Iowa  | 231,486 | DWP General Practitioner | 1 in 60 miles and 60 mins | 231,486 | 100.0       | 0       | 0.0            | 3.2  | 4.1      | 3.5          |  |
|       |         | DWP General Practitioner | 1 in 90 miles and 90 mins | 231,486 | 100.0       | 0       | 0.0            | 3.2  | 4.1      | 3.5          |  |
|       |         | DWP All Providers        | 1 in 30 miles and 30 mins | 231,440 | 99.9        | 46      | 0.1            | 3.1  | 4.1      | 3.5          |  |
|       |         | DWP General Practitioner | 1 in 30 miles and 30 mins | 231,440 | 99.9        | 46      | 0.1            | 3.2  | 4.1      | 3.5          |  |
|       |         | DWP Oral Surgeon         | 1 in 90 miles and 90 mins | 212,922 | 92.0        | 18,564  | 8.0            | 25.8 | 28.8     | 30.3         |  |
|       |         | DWP Orthodontist         | 1 in 90 miles and 90 mins | 208,202 | 89.9        | 23,284  | 10.1           | 31.1 | 43.6     | 39.2         |  |
|       |         | DWP Oral Surgeon         | 1 in 60 miles and 60 mins | 186,849 | 80.7        | 44,637  | 19.3           | 25.8 | 28.8     | 30.3         |  |
|       |         | DWP Prosthodontist       | 1 in 90 miles and 90 mins | 169,597 | 73.3        | 61,889  | 26.7           | 49.3 | 78.7     | 61.4         |  |
|       |         | DWP Orthodontist         | 1 in 60 miles and 60 mins | 168,912 | 73.0        | 62,574  | 27.0           | 31.1 | 43.6     | 39.2         |  |
|       |         | DWP Endodontist          | 1 in 90 miles and 90 mins | 158,443 | 68.4        | 73,043  | 31.6           | 45.1 | 56.2     | 62.2         |  |
|       |         | DWP Oral Surgeon         | 1 in 30 miles and 30 mins | 139,343 | 60.2        | 92,143  | 39.8           | 25.8 | 28.8     | 30.3         |  |
|       |         | DWP Periodontist         | 1 in 90 miles and 90 mins | 131,013 | 56.6        | 100,473 | 43.4           | 61.1 | 70.9     | 78.2         |  |
|       |         | DWP Prosthodontist       | 1 in 60 miles and 60 mins | 110,861 | 47.9        | 120,625 | 52.1           | 49.3 | 78.7     | 61.4         |  |
|       |         | DWP Endodontist          | 1 in 60 miles and 60 mins | 105,041 | 45.4        | 126,445 | 54.6           | 45.1 | 56.2     | 62.2         |  |
|       |         | DWP Orthodontist         | 1 in 30 miles and 30 mins | 105,007 | 45.4        | 126,479 | 54.6           | 31.1 | 43.6     | 39.2         |  |
|       |         | DWP Endodontist          | 1 in 30 miles and 30 mins | 78,101  | 33.7        | 153,385 | 66.3           | 45.1 | 56.2     | 62.2         |  |

<sup>&</sup>lt;sup>1</sup> Provider counts represent:

L: Unique provider locations

# **Access Summary By City**

October 12, 2020

Access Analysis

DWP Network

\_\_\_\_\_\_

Member Group

DWP Members

**Provider Group** 

DWP All Providers

DWP General Practitioner

DWP Oral Surgeon

DWP Endodontist

DWP Orthodontist

DWP Periodontist

DWP Prosthodontist

P: Unique providers

<sup>\*\*</sup> 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            | #           | %    | #              | %    | Р                   | L   | 1                | 2    | 1            |
| DWP Members | 231,495 | DWP All Providers | 1 in 30 miles and 3 | 231,443     | 99.9 | 52             | 0.1  | 1,443               | 536 | 3.1              | 4.1  | 3.5          |
|             |         | DWP General Pr    | 1 in 30 miles and 3 | 231,443     | 99.9 | 52             | 0.1  | 1,233               | 505 | 3.2              | 4.1  | 3.5          |
|             |         | DWP General Pr    | 1 in 60 miles and 6 | 231,490     | 99.9 | 5              | 0.1  | 1,233               | 505 | 3.2              | 4.1  | 3.5          |
|             |         | DWP General Pr    | 1 in 90 miles and 9 | 231,490     | 99.9 | 5              | 0.1  | 1,233               | 505 | 3.2              | 4.1  | 3.5          |
|             |         | DWP Oral Surgeon  | 1 in 30 miles and 3 | 139,344     | 60.2 | 92,151         | 39.8 | 150                 | 34  | 25.8             | 28.8 | 30.3         |
|             |         | DWP Oral Surgeon  | 1 in 60 miles and 6 | 186,850     | 80.7 | 44,645         | 19.3 | 150                 | 34  | 25.8             | 28.8 | 30.3         |
|             |         | DWP Oral Surgeon  | 1 in 90 miles and 9 | 212,923     | 92.0 | 18,572         | 8.0  | 150                 | 34  | 25.8             | 28.8 | 30.3         |
|             |         | DWP Endodontist   | 1 in 30 miles and 3 | 78,101      | 33.7 | 153,394        | 66.3 | 10                  | 4   | 45.1             | 56.2 | 62.2         |
|             |         | DWP Endodontist   | 1 in 60 miles and 6 | 105,041     | 45.4 | 126,454        | 54.6 | 10                  | 4   | 45.1             | 56.2 | 62.2         |
|             |         | DWP Endodontist   | 1 in 90 miles and 9 | 158,444     | 68.4 | 73,051         | 31.6 | 10                  | 4   | 45.1             | 56.2 | 62.2         |
|             |         | DWP Orthodontist  | 1 in 30 miles and 3 | 105,008     | 45.4 | 126,487        | 54.6 | 18                  | 12  | 31.1             | 43.6 | 39.2         |
|             |         | DWP Orthodontist  | 1 in 60 miles and 6 | 168,913     | 73.0 | 62,582         | 27.0 | 18                  | 12  | 31.1             | 43.6 | 39.2         |
|             |         | DWP Orthodontist  | 1 in 90 miles and 9 | 208,204     | 89.9 | 23,291         | 10.1 | 18                  | 12  | 31.1             | 43.6 | 39.2         |
|             |         | DWP Periodontist  | 1 in 30 miles and 3 | 21,467      | 9.3  | 210,028        | 90.7 | 12                  | 5   | 61.2             | 70.9 | 78.2         |
|             |         | DWP Periodontist  | 1 in 60 miles and 6 | 63,932      | 27.6 | 167,563        | 72.4 | 12                  | 5   | 61.2             | 70.9 | 78.2         |
|             |         | DWP Periodontist  | 1 in 90 miles and 9 | 131,014     | 56.6 | 100,481        | 43.4 | 12                  | 5   | 61.2             | 70.9 | 78.2         |
|             |         | DWP Prosthodo     | 1 in 30 miles and 3 | 75,499      | 32.6 | 155,996        | 67.4 | 20                  | 5   | 49.4             | 78.7 | 61.5         |
|             |         | DWP Prosthodo     | 1 in 60 miles and 6 | 110,861     | 47.9 | 120,634        | 52.1 | 20                  | 5   | 49.4             | 78.7 | 61.5         |
|             |         | DWP Prosthodo     | 1 in 90 miles and 9 | 169,597     | 73.3 | 61,898         | 26.7 | 20                  | 5   | 49.4             | 78.7 | 61.5         |

| Key Geographic Areas |        |                          |                           |        |                |    |                  |     |              |     |  |  |
|----------------------|--------|--------------------------|---------------------------|--------|----------------|----|------------------|-----|--------------|-----|--|--|
|                      | Member | Ŀ                        | With Access               |        | Without Access |    | Average Distance |     | Average Time |     |  |  |
| City                 | #      | Group                    | Standard                  | #      | %              | #  | %                | 1   | 2            | 1   |  |  |
| Des Moines, IA       | 25,693 | DWP All Providers        | 1 in 30 miles and 30 mins | 25,693 | 100.0          | 0  | 0.0              | 0.8 | 1.0          | 1.3 |  |  |
|                      |        | DWP General Practitioner | 1 in 30 miles and 30 mins | 25,693 | 100.0          | 0  | 0.0              | 0.8 | 1.0          | 1.3 |  |  |
|                      |        | DWP General Practitioner | 1 in 60 miles and 60 mins | 25,693 | 100.0          | 0  | 0.0              | 0.8 | 1.0          | 1.3 |  |  |
|                      |        | DWP General Practitioner | 1 in 90 miles and 90 mins | 25,693 | 100.0          | 0  | 0.0              | 0.8 | 1.0          | 1.3 |  |  |
|                      |        | DWP Oral Surgeon         | 1 in 90 miles and 90 mins | 25,691 | 99.9           | 2  | 0.1              | 2.7 | 3.1          | 4.2 |  |  |
|                      |        | DWP Orthodontist         | 1 in 90 miles and 90 mins | 25,691 | 99.9           | 2  | 0.1              | 4.3 | 4.3          | 6.7 |  |  |
|                      |        | DWP Oral Surgeon         | 1 in 60 miles and 60 mins | 25,689 | 99.9           | 4  | 0.1              | 2.7 | 3.1          | 4.2 |  |  |
|                      |        | DWP Prosthodontist       | 1 in 90 miles and 90 mins | 25,689 | 99.9           | 4  | 0.1              | 5.3 | 77.4         | 7.8 |  |  |
|                      |        | DWP Endodontist          | 1 in 90 miles and 90 mins | 25,688 | 99.9           | 5  | 0.1              | 4.2 | 4.2          | 7.4 |  |  |
|                      |        | DWP Oral Surgeon         | 1 in 30 miles and 30 mins | 25,687 | 99.9           | 6  | 0.1              | 2.7 | 3.1          | 4.2 |  |  |
|                      |        | DWP Orthodontist         | 1 in 60 miles and 60 mins | 25,686 | 99.9           | 7  | 0.1              | 4.3 | 4.3          | 6.7 |  |  |
|                      |        | DWP Orthodontist         | 1 in 30 miles and 30 mins | 25,685 | 99.9           | 8  | 0.1              | 4.3 | 4.3          | 6.7 |  |  |
|                      |        | DWP Prosthodontist       | 1 in 60 miles and 60 mins | 25,685 | 99.9           | 8  | 0.1              | 5.3 | 77.4         | 7.8 |  |  |
|                      |        | DWP Endodontist          | 1 in 60 miles and 60 mins | 25,683 | 99.9           | 10 | 0.1              | 4.2 | 4.2          | 7.4 |  |  |
|                      |        | DWP Prosthodontist       | 1 in 30 miles and 30 mins | 25,683 | 99.9           | 10 | 0.1              | 5.3 | 77.4         | 7.8 |  |  |
|                      |        | DWP Endodontist          | 1 in 30 miles and 30 mins | 25,681 | 99.9           | 12 | 0.1              | 4.2 | 4.2          | 7.4 |  |  |

<sup>&</sup>lt;sup>1</sup> Provider counts represent:

L: Unique provider locations