



RURAL HEALTH ADVISORY COMMISSION

NEBRASKA OFFICE OF RURAL HEALTH
P.O. BOX 95026 • LINCOLN, NE 68509-5026 • PHONE (402) 471-2337 • FAX (402) 471-0180

NEBRASKA *STATE-DESIGNATED* SHORTAGE AREAS

PUBLIC COMMENT PERIOD **SEPTEMBER 2, 2016 – OCTOBER 3, 2016**

The Rural Health Advisory Commission is responsible for establishing guidelines and identifying shortage areas for purposes of the Nebraska Rural Health Systems and Professional Incentive Act. Every 3 years a statewide review of all of the *state-designated* shortage areas is completed. The commission has set a 30-day public comment period before these state-designated shortage areas go into effect in order to receive and review public input.

The attached listings identify the DRAFT 2016 state-designated shortage areas for medical specialties, mental health, oral health, and pharmacists. The **highlighted** fields on the listings indicate a change from the 2013 state-designated shortage areas.

NOTE: Occupational Therapy and Physical Therapy 2016 shortage areas will be updated later this year. There will be a 30-day public comment period before these new shortage areas go into effect.

If you have any comments on the attached shortage areas, please mail, email, or fax **written** comments to the Rural Health Advisory Commission:

Rural Health Advisory Commission
ATTN: Marlene Janssen
P.O. Box 95026
Lincoln, NE 68509-5026

EMAIL: marlene.janssen@nebraska.gov

FAX: (402) 471-0180

If you have any questions, please contact Marlene Janssen at (402) 471-0778.

Thank you for taking the time to review and comment on these shortage areas.

DRAFT

2016 State-Designated Shortage Area Listings

The **highlighted** areas on the listings indicate changes from 2013.

NEBRASKA RURAL HEALTH ADVISORY COMMISSION
STATE DESIGNATED SHORTAGE AREAS - MEDICAL AND MENTAL HEALTH
 Effective Date: TBA 2016

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COUNTY NUMBER	COUNTY NAME	2016 FAMILY PRACTICE see footnote (1)	2016 GENERAL INTERNAL MEDICINE see footnote (2)	2016 GENERAL PEDIATRICS see footnote (3)	2016 OB/GYN see footnote (4)	2016 GENERAL SURGERY see footnote (5)	2016 PSYCHIATRY & MENTAL HEALTH see footnote (6)
1	ADAMS	*	X		X		X
2	ANTELOPE		X	X	X	X	X
3	ARTHUR	X	X	X	X	X	X
4	BANNER	X	X	X	X	X	X
5	BLAINE	X	X	X	X	X	X
6	BOONE		X		X	X	X
7	BOX BUTTE	X	X	X	X	X	X
8	BOYD			X	X	X	X
9	BROWN	X		X	X	X	X
10	BUFFALO	*	X			X	X
11	BURT	X	X	X	X	X	X
12	BUTLER		X**	X**	X**	X**	X**
13	CASS	*	X**	X**	X**	X**	X**
14	CEDAR	X	X	X	X	X	X
15	CHASE	X	X	X	X		X
16	CHERRY	X	X	X	X		X
17	CHEYENNE	X	X	X	X		X
18	CLAY	X	X	X	X	X	X
19	COLFAX	X	X	X	X	X	X
20	CUMING	X	X	X	X		X
21	CUSTER	X	X	X	X	X	X
22	DAKOTA	*	X	X	X	X	X
23	DAWES	X	X	X	X		X
24	DAWSON	*	X	X	X	X	X
25	DEUEL	X	X	X	X	X	X
26	DIXON	X	X	X	X	X	X
27	DODGE	*	X			X	X
29	DUNDY		X	X	X		X
30	FILLMORE		X	X	X	X	X
31	FRANKLIN	X	X	X	X	X	X
32	FRONTIER	X	X	X	X	X	X
33	FURNAS	X	X	X	X	X	X
34	GAGE	*	X**	X**	X**	X**	X**
35	GARDEN	X	X	X	X	X	X
36	GARFIELD	X	X	X	X	X	X
37	GOSPER	X	X	X	X	X	X
38	GRANT	X	X	X	X	X	X
39	GREELEY	X	X	X	X	X	X
40	HALL	*	X		X	X	X
41	HAMILTON		X	X	X		X
42	HARLAN	X	X	X	X	X	X
43	HAYES	X	X	X	X	X	X
44	HITCHCOCK	X	X	X	X	X	X
45	HOLT		X	X	X	X	X
46	HOOKER		X	X	X	X	X
47	HOWARD	X	X	X	X		X
48	JEFFERSON		X	X	X		X

NEBRASKA RURAL HEALTH ADVISORY COMMISSION
STATE DESIGNATED SHORTAGE AREAS - MEDICAL AND MENTAL HEALTH
 Effective Date: TBA 2016

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49	JOHNSON	X	X	X	X	X	X
50	KEARNEY	X	X	X	X	X	X
51	KEITH	X	X	X	X		X
52	KEYA PAHA	X	X	X	X	X	X
53	KIMBALL	X	X	X	X	X	X
54	KNOX	X	X	X	X		X
56	LINCOLN	*	X	X	X	X	
57	LOGAN	X	X	X	X	X	X
58	LOUP	X	X	X	X	X	X
59	MCPHERSON	X	X	X	X	X	X
60	MADISON	*	X				X
61	MERRICK	X	X	X	X		X
62	MORRILL	X	X	X	X		X
63	NANCE	X	X	X	X	X	X
64	NEMAHA		X	X	X	X	X
65	NUCKOLLS		X	X	X	X	X
66	OTOE	*	X**	X**	X**	X**	X**
67	PAWNEE		X	X	X	X	X
68	PERKINS		X	X	X		X
69	PHELPS	X	X	X			X
70	PIERCE	X	X	X	X		X
71	PLATTE	*	X		X	X	X
72	POLK	X	X	X	X	X	X
73	RED WILLOW		X	X	X	X	X
74	RICHARDSON	X	X	X	X		X
75	ROCK		X	X	X	X	X
76	SALINE	X	X**	X**	X**	X**	X**
78	SAUNDERS	*	X**	X**	X**	X**	X**
79	SCOTTS BLUFF	*	X	X		X	X
80	SEWARD	*	X**	X**	X**	X**	X**
81	SHERIDAN	X	X	X	X		X
82	SHERMAN	X	X	X	X	X	X
83	SIOUX	X	X	X	X	X	X
84	STANTON	X	X	X	X	X	X
85	THAYER		X	X	X	X	X
86	THOMAS	X	X	X	X	X	X
87	THURSTON	X	X	X	X		
88	VALLEY		X	X	X		X
89	WASHINGTON	*	X**	X**	X**	X**	X**
90	WAYNE	X	X	X	X	X	X
91	WEBSTER	X	X	X	X	X	X
92	WHEELER	X	X	X	X	X	X
93	YORK		X	X	X		X
	One World Community Health Center (Omaha)	need to request	*	*	*	*	*
	Charles Drew	need to					

NEBRASKA RURAL HEALTH ADVISORY COMMISSION
STATE DESIGNATED SHORTAGE AREAS - MEDICAL AND MENTAL HEALTH
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	Health Center (Omaha)	request	*	*	*	*	*
	Good Neighbor Community Health Center (Columbus)	need to request	*	*	*	*	*
	Norfolk Community Health Care Clinic	need to request	*	*	*	*	*
	Community Action Partnership of Western Nebraska (CAPWN) (Gering)	need to request	*	*	*	*	*
	People's Health Center (Lincoln)	REQUESTED	*	*	*	*	*
	Ponca Tribe of Nebraska - Health & Wellness Centers	REQUESTED	*	*	*	*	*

State of Nebraska employees are NOT eligible for the rural incentive programs.

STATE DESIGNATED MEDICAL AND MENTAL HEALTH
 SHORTAGE AREAS - Statewide Review 2016
 FOOTNOTES

- (1) For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act (the Act), a physician must be board eligible or board certified in and practice "Family Medicine" in one of the state-designated family medicine shortage areas. A physician assistant must be practicing under the supervision of a physician who is board eligible or board certified in family medicine in one of the family medicine shortage areas to be eligible for financial incentives under the Act.
- (2) For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act (the Act), a physician must be board eligible or board certified in and practice "general internal medicine" in one of the state-designated general internal medicine shortage areas. A physician assistant must be practicing under the supervision of a physician who is board eligible or board certified in general internal medicine in one of the general internal medicine shortage areas to be eligible for financial incentives under the Act.
- (3) For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act (the Act), a physician must be board eligible or board certified in and practice "general pediatrics" in one of the state-designated general pediatric shortage areas. A physician assistant must be practicing under the supervision of a physician who is board eligible or board certified in general pediatrics in one of the general pediatric shortage areas to be eligible for financial incentives under the Act.
- (4) For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act (the Act), a physician must be board eligible or board certified in and practice "Obstetrics & Gynecology" in one of

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the state-designated OB/GYN medicine shortage areas. A physician assistant must be practicing under the supervision of a physician who is board eligible or board certified in OB/GYN in one of the OB/GYN shortage areas to be eligible for financial incentives under the Act.

- (5) For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act (the Act), a physician must be board eligible or board certified in and practice "general surgery" in one of the state-designated general surgery shortage areas. A physician assistant must be practicing under the supervision of a physician who is board eligible or board certified in general surgery in one of the general surgery shortage areas to be eligible for financial incentives under the Act.
- (6) For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act (the Act), a physician must be board eligible or board certified in and practice "psychiatry" in one of the state-designated psychiatry shortage areas. A physician assistant must be practicing under the supervision of a physician who is board eligible or board certified in psychiatry in one of the psychiatry shortage areas to be eligible for financial incentives under the Act.
- (7) For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act (the Act), a nurse practitioner's training and supervision will be taken into consideration to determine the appropriate shortage area. The Rural Health Advisory Commission will review individual cases.

NEBRASKA RURAL HEALTH ADVISORY COMMISSION
2016 STATE DESIGNATED SHORTAGE AREAS
ORAL & ALLIED HEALTH
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X*** indicates cities with population >= 15,000 within county are not eligible.

Numbered footnote(s) on page 5

COUNTY NUMBER	COUNTY NAME	2016 GENERAL DENTISTRY	2016 PEDIATRIC DENTISTRY & ORAL SURGERY (1)	2016 PHARMACIST
1	ADAMS		X	
2	ANTELOPE	X	X	
3	ARTHUR	X	X	X
4	BANNER	X	X	X
5	BLAINE	X	X	X
6	BOONE		X	
7	BOX BUTTE		X	
8	BOYD		X	X
9	BROWN	X	X	X
10	BUFFALO		X	
11	BURT	X**	X**	X
12	BUTLER	*	*	
13	CASS	*	*	X**
14	CEDAR	X	X	X
15	CHASE		X	X
16	CHERRY		X	X
17	CHEYENNE	X	X	
18	CLAY	X	X	X
19	COLFAX	X**	X**	X
20	CUMING	X**	X**	
21	CUSTER	X	X	
22	DAKOTA	X	X	X
23	DAWES	X	X	
24	DAWSON		X	
25	DEUEL		X	X
26	DIXON	X	X	X
27	DODGE		X**	
29	DUNDY		X	X
30	FILLMORE	X**	X**	

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31	FRANKLIN	X	X	X
32	FRONTIER	X	X	X
33	FURNAS	X	X	
34	GAGE		X**	X**
35	GARDEN		X	X
36	GARFIELD		X	X
37	GOSPER	X	X	X
38	GRANT	X	X	X
39	GREELEY	X	X	X
40	HALL		X	
41	HAMILTON	X	X	X
42	HARLAN	X	X	X
43	HAYES	X	X	X
44	HITCHCOCK	X	X	X
45	HOLT		X	
46	HOOKER		X	X
47	HOWARD	X	X	
48	JEFFERSON	X**	X**	
49	JOHNSON	*	*	
50	KEARNEY		X	X
51	KEITH		X	
52	KEYA PAHA	X	X	X
53	KIMBALL	X	X	
54	KNOX	X	X	X
56	LINCOLN		X	
57	LOGAN	X	X	X
58	LOUP	X	X	X
59	MCPHERSON	X	X	X
60	MADISON		X	

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61	MERRICK	X	X	
62	MORRILL	X	X	X
63	NANCE	X	X	
64	NEMAHA	X	X**	
65	NUCKOLLS	X	X	X
66	OTOE	*	*	
67	PAWNEE	X	X**	X
68	PERKINS	X	X	X
69	PHELPS		X	
70	PIERCE	X	X	X
71	PLATTE		X	
72	POLK	X**	X**	X
73	RED WILLOW		X	
74	RICHARDSON		X	X
75	ROCK		X	
76	SALINE	*	*	X**
78	SAUNDERS	*	*	X**
79	SCOTTS BLUFF		X	
80	SEWARD	*	*	X**
81	SHERIDAN	X	X	X
82	SHERMAN	X	X	X
83	SIOUX	X	X	X
84	STANTON	X	X	X
85	THAYER	X	X	X
86	THOMAS	X	X	X
87	THURSTON		X	
88	VALLEY		X	X
89	WASHINGTON	*	*	X**
90	WAYNE		X	X

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91	WEBSTER	X	X	X
92	WHEELER	X	X	X
93	YORK		X**	
	One World Community Health Center (Omaha)	need to request	*	*
	Charles Drew Health Center (Omaha)	need to request	*	*
	Good Neighbor Community Health Center (Columbus)	need to request	*	*
	Norfolk Community Health Care Clinic	need to request	*	*
	Community Action Partnership of Western Nebraska	need to request	*	*
	People's Health Center (Lincoln)	REQUESTED	*	*
	Ponca Tribe of Nebraska Health & Wellness Centers	REQUESTED	*	*
	West Central District Health Department (North Platte)	need to request	*	*

State of Nebraska employees are NOT eligible for the Nebraska rural incentive programs.

**NEBRASKA RURAL HEALTH ADVISORY COMMISSION
2016 STATE DESIGNATED SHORTAGE AREAS
ORAL & ALLIED HEALTH
Effective Date: TBA**

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**STATE DESIGNATED
ORAL AND ALLIED HEALTH
SHORTAGE AREAS - Statewide Review 2016**

FOOTNOTES

1. For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act, a pediatric dentist must be board eligible or board certified in and practice "pediatric dentistry" in one of the state-designated pediatric dental shortage areas.
2. For purposes of the financial incentive programs under the Rural Health Systems and Professional Incentive Act, an oral surgeon must be board eligible or board certified in and practice "oral surgery" in one of the state-designated oral surgery shortage areas.

Rural Health Advisory Commission's

Guidelines for Establishing State-Designated Shortage Areas

NOTE: These guidelines have not been changed since 2013.

State of Nebraska
Guidelines for Designation of
Family Practice Shortage Areas

1. A service area may be a single county, a partial county, a group of contiguous counties, or an identified population group within a defined area.
2. In computing the population-to-physician ratio, physicians practicing family or general practice will be counted on a full-time equivalent (FTE) basis, with four hours counting as 0.1 FTE. Physicians will not be counted if they are practicing under Medicare, Medicaid, or licensure sanction, or if they have documented plans to discontinue practice within one year. Physicians will not be counted if they no longer have hospital and/or nursing home privileges in the county or service area for the area they serve.

If the population to FTE ratio is greater than the population of the service area, the population of the service area will be entered as the ratio. The Rural Health Advisory Commission will review individual concerns about full employment of a service area.

3. Service areas will be designated if there is no physician coverage or if the population-to-physician ratio equals or exceeds 2,000/1.
4. Service areas with a population-to-physician ratio at or between 1,500/1 - 1,999/1 will be designated if at least one of the following high need indicators is present:
 - a. The proportion of the population that is 65+ ranks in the highest quartile of the state;
 - b. The proportion of the population below the poverty level ranks in the highest quartile of the state;
 - c. The infant mortality rate ranks in the highest quartile of the state;
 - d. The low birth weight rate ranks in the highest quartile of the state;
 - e. More than half of the area's physicians are over 60 years old;
 - f. The area is a frontier area (fewer than six persons per square mile.)
5. Counties having a population greater than or equal to fifteen thousand inhabitants and/or included within a metropolitan statistical area as defined by the United States Department of Commerce, Bureau of the Census will not be designated. Special populations and/or facilities may be designated within these counties. Areas within a 25-mile radius of Lincoln and Omaha will not be designated.
6. Service areas designated as federal primary care Health Professional Shortage Area (HPSA) may be designated as state family practice shortage areas for purposes of the Nebraska Rural Health Incentive Programs, if requested by the community and/or clinic and approved by the Rural Health Advisory Commission.
7. The designation of an area will not be withdrawn if a student loan recipient or loan repayment applicant has chosen the area as a future practice site.

State of Nebraska

Guidelines for Designation of Shortage Areas in General Surgery, Internal Medicine, OB/Gyn, Pediatrics, and Psychiatry

1. A service area may be a single county or a group of contiguous counties.
2. In computing the population-to-physician ratio, physicians practicing a particular specialty will be counted on a full-time equivalent (FTE) basis, with four hours counting as 0.1 FTE. Physicians will not be counted if they are practicing under Medicare, Medicaid, or licensure sanction, or if they have documented plans to discontinue practice within one year. Psychiatrists working exclusively in an inpatient setting will not be counted.

If the population to FTE ratio is greater than the population of the service area, the population of the service area will be entered as the ratio. The Rural Health Advisory Commission will review individual concerns about full employment of a service area.

3. Service areas will be designated as shortage areas for a particular specialty if there is no local physician coverage in that specialty or if the population-to-specialist ratio equals or exceeds:

General Surgery	10,200/1
General Internal Medicine	3,250/1
Obstetrics/Gynecology	10,000/1
General Pediatrics	9,300/1
Psychiatry	10,000/1

4. Except as defined in 1 above, areas within a 25-mile radius of Lincoln and Omaha will not be designated.
5. The designation of an area will not be withdrawn if a student loan recipient or loan repayment applicant has chosen the area as a future practice site.

State of Nebraska

Guidelines for Designation of Physician Assistant Shortage Areas

1. A service area may be a single county or a group of contiguous counties.
2. Service areas will be designated as physician assistant shortage areas if there is no local physician coverage or if the population-to-physician ratio equals or exceeds the guideline for the specialty of the collaborating physician.
3. Except as defined in 1 above, areas within a 25-mile radius of Lincoln and Omaha will not be designated.
4. The designation of an area will not be withdrawn if a student loan recipient or loan repayment applicant has chosen the area as a future practice site.

Nebraska Department of Health & Human Services
Nebraska Office of Rural Health
k:/mjanssen/SHORT AREAS 2016/SHORT AREA GUIDELINES2016

Rural Health Advisory Commission
Adopted December 10, 1996
Updated: July 1, 2007

State of Nebraska

Guidelines for Designation of Nurse Practitioner Shortage Areas

1. A service area may be a single county or a group of contiguous counties.
2. Service areas will be designated as nurse practitioner shortage areas if there is no local physician coverage or if the population-to-physician ratio equals or exceeds the guideline for the specialty.
3. Except as defined in 1 above, areas within a 25-mile radius of Lincoln and Omaha will not be designated.
4. The designation of an area will not be withdrawn if a loan repayment applicant has chosen the area as a future practice site.

Nebraska Department of Health & Human Services
Nebraska Office of Rural Health
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Rural Health Advisory Commission
Adopted December 10, 1996
Updated: July 1, 2007

State of Nebraska

Guidelines for Designation of Mental Health Professional Shortage Areas

1. A service area may be a single county or a group of contiguous counties.
2. Service areas will be designated as mental health professional shortage areas if there is no local coverage or if the population-to-psychiatrist full-time equivalency (FTE) ratio equals or exceeds 10,000/1.

If the population to FTE ratio is greater than the population of the service area, the population of the service area will be entered as the ratio. The Rural Health Advisory Commission will review individual concerns about full employment of a service area.

3. Except as defined in 1 above, areas within a 25-mile radius of Lincoln and Omaha will not be designated.
4. The designation of an area will not be withdrawn if a student loan recipient or loan repayment applicant has chosen the area as a future practice site.

**State of Nebraska
Guidelines for Designation of
General Dentistry
Shortage Areas**

1. A service area may be a single county, a partial county, a group of contiguous counties, or an identified population group within a defined area.
2. The designation of a service area as a General Dentistry Shortage Area will be based on the ratio of service area population to full-time equivalency (FTE) of general dentists in the service area. In computing the population-to-dentist ratio, dentists will be counted on a full-time equivalent basis, with four hours counting as 0.1 FTE. Dentists will not be counted if they are practicing under Medicare, Medicaid, or licensure sanction, or if they have documented plans to discontinue practice within one year.

If the population to FTE ratio is greater than the population of the service area, the population of the service area will be entered as the ratio. The Rural Health Advisory Commission will review individual concerns about full employment of a service area.

3. A service area is designated as a General Dentistry Shortage Area if there is no dentist in the service area or if the population-to-dentist ratio equals or exceeds **3000:1**.
4. Service areas with a population-to-dentist ratio at or between **2500/1 - 2999/1** will be designated if at least one of the following high need indicators is present:
 - a) Half or more of the dentists serving the area are 55 or older;
 - b) The proportion of the population below the poverty level ranks in the highest quartile of the state; or
 - c) The area is a frontier area (fewer than six persons per square mile).
5. Except as defined in 1 above, areas within a 50-mile radius of Lincoln and Omaha will not be designated.
6. Service areas designated as federal general dentistry Health Professional Shortage Area (HPSA) may be designated as state general dentistry shortage areas for purposes of the Nebraska Rural Health Incentive Programs, if requested by the community and/or clinic and approved by the Rural Health Advisory Commission.
7. The designation of an area will not be withdrawn if a student loan recipient or loan repayment applicant has chosen the area as a future practice site.

State of Nebraska

**Guidelines for Designation of
Pediatric Dentistry
And
Oral Surgery
Shortage Areas**

1. Counties and parts of counties outside a 50-mile radius of the cities of Lincoln and Omaha will be designated as pediatric dentistry shortage areas.
2. The designation of an area will not be withdrawn if a student loan recipient or loan repayment applicant has chosen the area as a future practice site.

Nebraska Department of Health & Human Services
Nebraska Office of Rural Health
k:/mjanssen/SHORT AREAS 2016/SHORT AREA GUIDELINES2016

Rural Health Advisory Commission
Adopted June 15, 2001
Updated 12/5/2003, 7/1/2007

State of Nebraska

Guidelines for Designation of Pharmacist Shortage Areas

1. A service area may be a single county or a group of contiguous counties.
2. The designation of a service area as a Pharmacist Shortage Area will be based on the ratio of service area population to full-time equivalency (FTE) of pharmacists practicing in the service area. In computing the population to pharmacist ratio, pharmacists will be counted on a full-time equivalent basis, with four hours counting as 0.1 FTE. Pharmacists will not be counted if they are practicing under Medicare, Medicaid, or licensure sanction, or if they have documented plans to discontinue practice within one year.

If the population to FTE ratio is greater than the population of the service area, the population of the service area will be entered as the ratio. The Rural Health Advisory Commission will review individual concerns about full employment of a service area.

3. A service area is designated as a Pharmacist Shortage Area if there is no pharmacist in the service area or if the population-to-pharmacist ratio equals or exceeds **1700:1**.
4. Service areas with a population-to-pharmacist ratio at or between **600/1 - 1699/1** will be designated if the proportion of the service area population 65 and older ranks in the highest quartile of the state or if more than half of the area's pharmacists are over 60 years old.
5. Except as defined in 1 above, areas within a 25-mile radius of Lincoln and Omaha will not be designated. Cities larger than 15,000 will not be designated.
6. The designation of an area will not be withdrawn if a loan repayment applicant has chosen the area as a future practice site.

State of Nebraska

Guidelines for Designation of Physical Therapy Shortage Areas

1. A service area may be a single county or a group of contiguous counties.
2. In computing the population-to-physical therapist (PT) ratio, PTs will be counted on a full-time equivalent (FTE) basis, with four hours counting as 0.1 FTE. PTs will not be counted if they are practicing under Medicare, Medicaid, or licensure sanction, or if they have documented plans to discontinue practice within one year.

If the population to licensed PT ratio is greater than the population of the service area, the population of the service area will be entered as the ratio. The Rural Health Advisory Commission will review individual concerns about full employment of a service area.

3. A service area is designated as a Physical Therapy Shortage Area if there is no physical therapist practicing in the service area or if the population-to-PT ratio equals or exceeds **5000/1**.
4. Service areas with a population-to-PT ratio at or between **4500/1 - 4999/1** will be designated if at least one of the following high need indicators is present:
 - a) The area is a frontier area (fewer than six persons per square mile);
 - b) The proportion of the service area population 65 and older ranks in the highest quartile of the state;
 - c) The proportion of the service area Special Education students to the student population ranks in the highest quartile of the state;
 - d) The proportion of the service area population below the poverty level ranks in the highest quartile of the state; or
 - e) Fifty percent or more of the PTs practicing in the county are 60 or older.
5. Except as defined in 1 above, areas within a 50-mile radius of Lincoln and Omaha will not be designated.
6. The designation of an area will not be withdrawn if a loan repayment applicant has chosen the area as a future practice site.

State of Nebraska

Guidelines for Designation of Occupational Therapy Shortage Areas

1. A service area may be a single county or a group of contiguous counties.
2. In computing the population-to-occupational therapist (OT) ratio, OTs will be counted on a full-time equivalent (FTE) basis, with four hours counting as 0.1 FTE. OTs will not be counted if they are practicing under Medicare, Medicaid, or licensure sanction, or if they have documented plans to discontinue practice within one year.

If the population-to-OT ratio is greater than the population of the service area, the population of the service area will be entered as the ratio. The Rural Health Advisory Commission will review individual concerns about full employment of a service area.

3. A service area is designated as an Occupational Therapist Shortage Area if there is no Occupational Therapist practicing in the service area or if the population-to-OT ratio equals or exceeds **5000/1**.
4. Service areas with a population-to-OT ratio at or between **4500/1 - 4999/1** will be designated if at least one of the following high need indicators is present:
 - a) The area is a frontier area (fewer than six persons per square mile);
 - b) The proportion of the service area population 65 and older ranks in the highest quartile of the state;
 - c) The proportion of the service area Special Education students to the student population ranks in the highest quartile of the state;
 - d) The proportion of the service area population below the poverty level ranks in the highest quartile of the state; or
 - e) Fifty percent or more of the OTs practicing in the county are 60 or older.
5. Except as defined in 1 above, areas within a 50-mile radius of Lincoln and Omaha will not be designated.
6. The designation of an area will not be withdrawn if a loan repayment applicant has chosen the area as a future practice site.

Rural* Counties over 15,000 population (2014 Census)

Adams	Dakota	Gage	Madison	Saunders	Washington
Buffalo	Dawson	Hall	Otoe	Scotts Bluff	
Cass	Dodge	Lincoln	Platte	Seward	

*Douglas, Lancaster, and Sarpy Counties are not rural counties.

Rural Communities over 15,000 population (2014 Census)

Columbus (Platte County)	Kearney (Buffalo County)
Fremont (Dodge County)	Norfolk (Madison County)
Grand Island (Hall County)	North Platte (Lincoln County)
Hastings (Adams County)	Scottsbluff (Scotts Bluff County)

Whole Counties within 50-mile radius of Lincoln and Omaha

Butler	Otoe	Seward
Cass	Saline	Washington
Johnson	Saunders	

Part of these Counties within 50-mile radius of Lincoln and Omaha

Burt	Dodge	Jefferson	Polk
Colfax	Fillmore	Nemaha	York
Cuming	Gage	Pawnee	

Part of these Counties within 25-mile radius of Lincoln and Omaha

Butler	Otoe	Seward
Cass	Saline	Washington
Gage	Saunders	

SUPPORTING DOCUMENTATION

Data Sources: University of Nebraska Medical Center – Health Professions Tracking Services; U.S. Census Bureau; and Nebraska Department of Health and Human Services – Vital Statistics

**Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - Family Practice**

DRAFT

Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS						2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	=> 14.2 2014 % POP 100% POVERTY	=> 6.5 INFANT MORT RATE (IMR) 5-YR AVERAGE 2010-14	=> 67.54 LOW BIRTH WT RATE (LBW) 5-YR AVERAGE 2010-14	2016 % PHYSICIANS OVER 60 > 50%		
1	ADAMS*	31,457	55.8	16.5	12.8	3.9	64.03	23.1%	12.6	2497
2	ANTELOPE	6,398	7.4	22.4	11.0	2.4	64.75	16.7%	3.6	1773
3	ARTHUR	453	0.6	21.2	6.9	0.0	40.00	0.0%	0.0	0
4	BANNER	764	1	29.6	15.4	0.0	35.71	0.0%	0.0	0
5	BLAINE	504	0.7	21.8	17.7	0.0	45.45	0.0%	0.0	0
6	BOONE	5,353	7.8	21.6	9.7	6.5	64.94	12.5%	6.3	855
7	BOX BUTTE	11,340	10.5	16.1	23.9	1.3	70.96	0.0%	3.0	3780
8	BOYD	2,033	3.8	28.7	10.5	0.0	94.12	100.0%	3.0	678
9	BROWN	2,941	2.4	24.3	15.6	0.0	57.97	0.0%	0.0	0
10	BUFFALO*	48,224	51	12.9	13.6	4.9	55.20	17.5%	19.3	2502
11	BURT	6,573	13.5	23.9	9.7	5.7	56.82	0.0%	1.0	6573
12	BUTLER	8,249	14.1	20.6	9.4	2.2	67.54	27.3%	5.5	1489
13	CASS*	25,524	45.8	16.1	6.4	5.6	67.51	50.0%	1.2	21878
14	CEDAR	8,610	11.6	21.3	10.1	1.9	37.24	0.0%	2.7	3189
15	CHASE	3,978	4.5	20.7	12.8	4.4	52.40	50.0%	2.0	1989
16	CHERRY	5,762	1	21.4	13.0	2.9	62.68	33.3%	3.0	1921
17	CHEYENNE	10,148	8.5	16.2	14.0	4.8	84.13	13.3%	5.4	1863
18	CLAY	6,315	11	19.1	9.0	2.7	55.85	2.5%	2.1	3033
19	COLFAX	10,504	25.6	13.1	15.5	4.6	52.63	2.5%	2.9	3661
20	CUMING	9,027	15.7	21.5	11.6	9.1	50.82	0.0%	5.9	1536
21	CUSTER	10,728	4.2	20.9	9.6	4.9	53.92	16.7%	5.8	1850
22	DAKOTA*	20,850	80.8	12.7	16.9	2.7	54.74	2.5%	6.6	3166
23	DAWES	9,042	6.5	17.6	19.3	4.0	63.37	0.0%	5.9	1540
24	DAWSON*	24,096	24.5	15.0	14.8	7.3	62.14	45.6%	15.9	1518
25	DEUEL	1,940	4.4	23.5	13.5	0.0	49.38	6.7%	0.6	1940
26	DIXON	5,782	12.2	19.7	11.2	2.7	55.70	9.0%	0.9	5782
27	DODGE*	36,744	68.8	19.0	10.7	5.4	55.56	15.4%	10.2	3588
29	DUNDY	1,886	2.1	23.3	8.1	0.0	8.11	0.0%	1.9	1018
30	FILLMORE	5,661	9.8	22.9	8.8	3.7	36.50	25.0%	4.0	1415
31	FRANKLIN	3,076	5.3	25.7	12.9	7.3	65.69	0.0%	1.7	1785

K:\\$MJANSSEN\SHORT AREAS 2016\PUBLIC COMMENT DOCUMENTS\2016 Family Practice Data Matrix DRAFT

*County not eligible by definition.

**Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - Family Practice**

DRAFT

Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS						2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	=> 14.2 2014 % POP 100% POVERTY	=> 6.5 INFANT MORT RATE (IMR) 5-YR AVERAGE 2010-14	=> 67.54 LOW BIRTH WT RATE (LBW) 5-YR AVERAGE 2010-14	2016 % PHYSICIANS OVER 60 > 50%		
32	FRONTIER	2,705	2.8	21.2	12.0	0.0	48.39	11.8%	0.1	2705
33	FURNAS	4,888	6.8	22.7	16.2	0.0	63.56	5.0%	2.5	1971
34	GAGE*	21,663	25.2	20.4	11.7	6.7	59.17	56.0%	8.0	2713
35	GARDEN	1,911	1.1	27.7	9.4	0.0	73.68	0.0%	0.6	1911
36	GARFIELD	2,003	3.5	26.9	13.0	14.1	84.51	0.0%	1.2	1669
37	GOSPER	1,970	4.3	20.9	8.0	0.0	99.10	0.0%	0.0	0
38	GRANT	619	0.8	19.7	18.8	0.0	44.44	0.0%	0.0	0
39	GREELEY	2,482	4.4	23.7	12.1	13.3	86.09	0.0%	0.5	2482
40	HALL*	61,492	114.5	14.2	13.7	5.1	67.15	16.7%	16.1	3813
41	HAMILTON	9,135	16.9	17.8	10.1	4.0	46.37	30.0%	5.0	1820
42	HARLAN	3,492	6.3	24.3	12.1	9.9	39.60	25.0%	1.3	2794
43	HAYES	933	1.3	24.8	5.9	18.2	72.73	0.0%	0.0	0
44	HITCHCOCK	2,901	4.1	23.8	15.5	6.1	30.30	0.0%	0.1	2901
45	HOLT	10,403	4.3	20.8	10.2	2.9	40.52	9.8%	8.2	1272
46	HOOVER	728	1	29.0	12.8	0.0	27.78	0.0%	1.4	523
47	HOWARD	6,362	11.3	20.2	10.3	0.0	70.68	0.0%	3.9	1647
48	JEFFERSON	7,335	12.8	22.5	13.6	2.6	67.36	25.0%	4.0	1834
49	JOHNSON	5,185	13.8	16.9	13.7	4.5	63.35	0.0%	2.6	2001
50	KEARNEY	6,644	12.8	18.8	4.9	16.9	79.71	50.0%	2.0	3322
51	KEITH	8,121	7.8	23.2	11.2	18.5	92.35	40.0%	1.8	4512
52	KEYA PAHA	810	1.1	28.3	15.5	0.0	27.78	0.0%	0.0	0
53	KIMBALL	3,713	3.9	22.7	13.0	9.6	57.42	0.0%	1.0	3713
54	KNOX	8,482	7.7	23.8	14.0	7.9	59.41	45.6%	3.6	2335
56	LINCOLN*	35,815	14.2	17.1	11.4	7.4	75.17	25.0%	15.0	2388
57	LOGAN	750	1.3	18.4	12.1	0.0	37.74	0.0%	0.0	0
58	LOUP	588	1	24.8	25.8	0.0	78.57	0.0%	0.0	0
59	MCPHERSON	498	0.6	19.9	13.6	0.0	0.00	11.9%	0.0	0
60	MADISON*	35,174	61.2	15.6	14.2	7.0	57.43	0.0%	14.9	2361
61	MERRICK	7,766	16.2	18.8	12.6	4.3	73.59	0.0%	3.5	2205
62	MORRILL	4,862	3.5	18.2	13.8	7.2	72.20	0.0%	1.8	2701
63	NANCE	3,570	8.1	20.6	12.6	0.0	63.11	13.3%	0.9	3570

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*County not eligible by definition.

**Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - Family Practice**

DRAFT

Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS						2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	=> 14.2 2014 % POP 100% POVERTY	=> 6.5 INFANT MORT RATE (IMR) 5-YR AVERAGE 2010-14	=> 67.54 LOW BIRTH WT RATE (LBW) 5-YR AVERAGE 2010-14	2016 % PHYSICIANS OVER 60 > 50%		
64	NEMAHA	7,175	17.6	18.0	10.4	2.6	53.98	20.0%	5.0	1435
65	NUCKOLLS	4,369	7.6	26.2	11.1	9.7	63.11	33.3%	3.0	1456
66	OTOE*	15,797	25.7	19.9	10.5	3.1	68.61	14.3%	7.0	2257
67	PAWNEE	2,702	6.3	25.6	21.5	0.0	30.53	66.7%	3.0	901
68	PERKINS	2,891	3.3	21.9	5.8	5.2	89.01	46.9%	3.9	746
69	PHELPS	9,187	17	20.1	9.1	10.4	69.08	0.0%	3.8	2414
70	PIERCE	7,202	12.5	18.0	5.6	2.5	41.77	0.0%	1.2	6050
71	PLATTE*	32,666	48.8	15.7	10.7	5.9	59.86	16.7%	11.6	2816
72	POLK	5,271	12.1	20.2	8.3	4.0	36.14	3.7%	1.9	2758
73	RED WILLOW	10,867	15.1	18.9	12.7	3.1	72.21	16.7%	9.8	1114
74	RICHARDSON	8,128	14.7	23.8	17.2	6.5	45.45	45.0%	1.9	4278
75	ROCK	1,443	1.4	21.8	10.0	0.0	2.94	0.0%	0.4	1443
76	SALINE	14,252	24.7	15.0	16.8	2.1	62.57	20.5%	7.4	1930
78	SAUNDERS*	20,919	27.8	17.4	8.0	5.0	55.28	0.0%	4.5	4649
79	SCOTT'S BLUFF*	36,465	50.3	17.7	13.7	7.7	85.38	24.0%	10.6	3432
80	SEWARD*	17,150	32.7	16.6	8.8	3.0	70.86	10.0%	9.4	1820
81	SHERIDAN	5,259	2.1	23.4	16.0	6.8	54.05	0.0%	2.1	2472
82	SHERMAN	3,074	5.5	26.1	13.5	0.0	81.63	0.0%	1.2	2562
83	SIOUX	1,303	0.6	21.1	9.3	0.0	43.48	0.0%	0.0	0
84	STANTON	6,069	14.1	15.0	8.5	5.1	64.27	0.0%	0.0	0
85	THAYER	5,230	9.1	24.7	13.4	3.6	53.38	25.0%	4.0	1308
86	THOMAS	687	1	19.8	7.7	0.0	44.44	0.0%	0.0	0
87	THURSTON	6,969	17.8	12.1	26.9	6.9	59.31	38.0%	4.5	1545
88	VALLEY	4,204	7.4	23.9	15.2	0.0	53.85	0.0%	3.4	1236
89	WASHINGTON*	20,258	52.5	16.0	7.7	2.8	54.61	0.0%	5.5	3666
90	WAYNE	9,431	21.3	14.1	15.0	2.0	64.52	0.0%	2.5	3772
91	WEBSTER	3,658	6.4	23.0	15.5	10.7	64.17	15.0%	1.3	2879
92	WHEELER	766	1.3	21.9	16.0	0.0	0.00	0.0%	0.0	0
93	YORK	13,917	24.2	18.5	8.9	4.6	59.16	0.0%	7.1	1960

Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - Medical Specialties
Effective Date: TBA

DRAFT

Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
 NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	GENERAL SURGERY		GENERAL INTERNAL MEDICINE		OBGYN		GENERAL PEDIATRICS		PSYCHIATRY	
			FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO
1	ADAMS	31,457	4.0	7864	7.0	4494	2.3	13976	4.2	7580	3.0	10490
2	ANTELOPE	6,398	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
3	ARTHUR	453	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
4	BANNER	764	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
5	BLAINE	504	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
6	BOONE	5,353	0.0	0	0.0	0	0.0	0	0.7	5353	0.0	0
7	BOX BUTTE	11,340	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
8	BOYD	2,033	0.0	0	0.1	2033	0.0	0	0.0	0	0.0	0
9	BROWN	2,941	0.0	0	1.0	2941	0.0	0	0.0	0	0.0	0
10	BUFFALO	48,224	4.0	12056	8.0	6028	5.0	9645	7.7	6304	2.5	19290
11	BURT	6,573	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
12	BUTLER*	8,249	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
13	CASS*	25,524	0.0	0	1.0	25524	0.0	0	1.0	25524	0.0	0
14	CEDAR	8,610	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
15	CHASE	3,978	0.3	3978	0.0	0	0.0	0	0.0	0	0.0	0
16	CHERRY	5,762	1.0	5762	0.0	0	0.0	0	0.0	0	0.0	0
17	CHEYENNE	10,148	1.9	5412	0.5	10148	0.0	0	0.0	0	0.0	0
18	CLAY	6,315	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
19	COLFAX	10,504	0.1	10504	0.0	0	0.0	0	0.0	0	0.0	0
20	CUMING	9,027	0.9	9027	0.0	0	0.0	0	0.0	0	0.0	0
21	CUSTER	10,728	0.1	10728	0.0	0	0.0	0	0.0	0	0.0	0
22	DAKOTA	20,850	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
23	DAWES	9,042	0.6	9042	0.0	0	0.0	0	0.0	0	0.0	0
24	DAWSON	24,096	2.0	12048	0.0	0	0.9	24096	0.0	0	0.0	0
25	DEUEL	1,940	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
26	DIXON	5,782	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
27	DODGE	36,744	3.0	12248	4.0	9186	4.2	8854	4.0	9186	0.0	0
29	DUNDY	1,886	0.2	1886	0.0	0	0.0	0	0.0	0	0.0	0
30	FILLMORE	5,661	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
31	FRANKLIN	3,076	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
32	FRONTIER	2,705	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
33	FURNAS	4,888	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
34	GAGE*	21,663	2.0	10832	1.0	21663	2.0	10832	2.0	10832	0.9	21663
35	GARDEN	1,911	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
36	GARFIELD	2,003	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0

Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - Medical Specialties
Effective Date: TBA

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Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
 NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	GENERAL SURGERY		GENERAL INTERNAL MEDICINE		OBGYN		GENERAL PEDIATRICS		PSYCHIATRY	
			FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO
37	GOSPER	1,970	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
38	GRANT	619	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
39	GREELEY	2,482	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
40	HALL	61,492	4.1	14962	15.5	3967	4.5	13529	7.2	8541	2.8	21952
41	HAMILTON	9,135	0.3	9135	0.0	0	0.0	0	0.0	0	0.0	0
42	HARLAN	3,492	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
43	HAYES	933	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
44	HITCHCOCK	2,901	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
45	HOLT	10,403	1.0	10403	0.8	10403	0.0	0	0.0	0	0.0	0
46	HOOVER	728	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
47	HOWARD	6,362	0.1	6362	0.0	0	0.0	0	0.0	0	0.0	0
48	JEFFERSON	7,335	0.1	7335	0.0	0	0.0	0	0.0	0	0.0	0
49	JOHNSON	5,185	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
50	KEARNEY	6,644	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
51	KEITH	8,121	1.1	7415	0.0	0	0.0	0	0.0	0	0.0	0
52	KEYA PAHA	810	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
53	KIMBALL	3,713	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
54	KNOX	8,482	0.1	8482	0.0	0	0.0	0	0.0	0	0.0	0
56	LINCOLN	35,815	2.3	15465	2.6	13898	3.1	11477	3.6	10089	3.8	9363
57	LOGAN	750	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
58	LOUP	588	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
59	MCPHERSON	498	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
60	MADISON	35,174	5.0	7035	1.4	24684	3.8	9380	4.0	8794	2.8	12348
61	MERRICK	7,766	0.2	7766	0.0	0	0.0	0	0.0	0	0.0	0
62	MORRILL	4,862	0.1	4862	0.0	0	0.0	0	0.0	0	0.0	0
63	NANCE	3,570	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
64	NEMAHA	7,175	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
65	NUCKOLLS	4,369	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
66	OTOE*	15,797	0.2	15797	0.0	0	0.0	0	0.0	0	0.0	0
67	PAWNEE	2,702	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
68	PERKINS	2,891	0.3	2891	0.0	0	0.0	0	0.0	0	0.0	0
69	PHELPS	9,187	1.0	9187	2.1	4375	0.1	9187	0.0	0	0.0	0
70	PIERCE	7,202	0.2	7202	0.0	0	0.0	0	0.0	0	0.0	0
71	PLATTE	32,666	3.0	10889	1.0	32666	3.0	10889	3.9	8430	0.2	32666
72	POLK	5,271	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
73	RED WILLOW	10,867	0.9	10867	0.0	0	0.0	0	0.0	0	0.0	0

Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - Medical Specialties
Effective Date: TBA

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Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
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COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	GENERAL SURGERY		GENERAL INTERNAL MEDICINE		OBGYN		GENERAL PEDIATRICS		PSYCHIATRY	
			FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO	FTE	POP TO FTE RATIO
74	RICHARDSON	8,128	0.2	8128	0.0	0	0.0	0	0.0	0	0.0	0
75	ROCK	1,443	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
76	SALINE*	14,252	0.1	14252	0.0	0	0.0	0	0.0	0	0.0	0
78	SAUNDERS*	20,919	0.1	20919	0.0	0	0.0	0	0.0	0	0.0	0
79	SCOTTS BLUFF	36,465	2.9	12554	3.0	12155	4.5	8103	2.0	18233	3.0	12155
80	SEWARD*	17,150	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
81	SHERIDAN	5,259	0.4	5259	0.0	0	0.0	0	0.0	0	0.0	0
82	SHERMAN	3,074	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
83	SIOUX	1,303	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
84	STANTON	6,069	0.0	0	0.4	6069	0.0	0	0.0	0	0.0	0
85	THAYER	5,230	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
86	THOMAS	687	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
87	THURSTON	6,969	0.1	6969	0.0	0	0.0	0	0.0	0	0.3	6969
88	VALLEY	4,204	0.1	4204	0.0	0	0.0	0	0.0	0	0.0	0
89	WASHINGTON*	20,258	0.0	0	0.0	0	0.2	20258	1.0	20258	0.0	0
90	WAYNE	9,431	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
91	WEBSTER	3,658	0.0	0	1.0	3658	0.0	0	0.0	0	0.0	0
92	WHEELER	766	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
93	YORK	13,917	2.0	6959	0.0	0	0.1	13917	0.0	0	0.0	0

*Areas within a 25-mile radius of Lincoln and Omaha are not eligible shortage areas.

Nebraska Rural Health Advisory Commission

2016 State-Designated Shortage Areas - **GENERAL DENTISTS**

DRAFT

Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
 NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS			2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	2016 % GEN DENTISTS 55 and Over > 50%		
1	ADAMS	31,457	55.8	16.5	46.15%	10.9	2880
2	ANTELOPE	6,398	7.4	22.4	66.67%	1.3	5118
3	ARTHUR	453	0.6	21.2	0.00%	0.0	0
4	BANNER	764	1	29.6	0.00%	0.0	0
5	BLAINE	504	0.7	21.8	0.00%	0.0	0
6	BOONE	5,353	7.8	21.6	60.00%	2.8	1912
7	BOX BUTTE	11,340	10.5	16.1	50.00%	5.2	2185
8	BOYD	2,033	3.8	28.7	0.00%	0.4	2033
9	BROWN	2,941	2.4	24.3	0.00%	1.2	2521
10	BUFFALO	48,224	51	12.9	68.00%	21.1	2283
11	BURT**	6,573	13.5	23.9	50.00%	1.1	5975
12	BUTLER*	8,249	14.1	20.6	50.00%	1.8	4714
13	CASS*	25,524	45.8	16.1	37.50%	5.5	4668
14	CEDAR	8,610	11.6	21.3	0.00%	2.0	4305
15	CHASE	3,978	4.5	20.7	0.00%	1.7	2375
16	CHERRY	5,762	1	21.4	16.67%	4.4	1320
17	CHEYENNE	10,148	8.5	16.2	33.33%	2.7	3829
18	CLAY	6,315	11	19.1	100.00%	0.9	6315
19	COLFAX**	10,504	25.6	13.1	0.00%	2.1	5097

Nebraska Rural Health Advisory Commission

2016 State-Designated Shortage Areas - **GENERAL DENTISTS**

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COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS			2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	2016 % GEN DENTISTS 55 and Over > 50%		
20	CUMING**	9,027	15.7	21.5	33.33%	2.9	3140
21	CUSTER	10,728	4.2	20.9	33.33%	4.0	2682
22	DAKOTA	20,850	80.8	12.7	57.14%	5.9	3549
23	DAWES	9,042	6.5	17.6	50.00%	3.1	2940
24	DAWSON	24,096	24.5	15.0	53.85%	11.9	2025
25	DEUEL	1,940	4.4	23.5	100.00%	1.8	1078
26	DIXON	5,782	12.2	19.7	66.67%	2.1	2787
27	DODGE**	36,744	68.8	19.0	36.84%	15.9	2316
29	DUNDY	1,886	2.1	23.3	0.00%	0.9	1886
30	FILLMORE**	5,661	9.8	22.9	0.00%	1.0	5661
31	FRANKLIN	3,076	5.3	25.7	100.00%	1.0	3076
32	FRONTIER	2,705	2.8	21.2	0.00%	0.2	2705
33	FURNAS	4,888	6.8	22.7	50.00%	1.4	3555
34	GAGE**	21,663	25.2	20.4	46.15%	10.9	1984
35	GARDEN	1,911	1.1	27.7	100.00%	1.0	1911
36	GARFIELD	2,003	3.5	26.9	100.00%	1.0	2003
37	GOSPER	1,970	4.3	20.9	0.00%	0.0	0
38	GRANT	619	0.8	19.7	0.00%	0.0	0
39	GREELEY	2,482	4.4	23.7	0.00%	0.0	0

Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - GENERAL DENTISTS
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COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS			2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	2016 % GEN DENTISTS 55 and Over > 50%		
40	HALL	61,492	114.5	14.2	45.71%	28.1	2188
41	HAMILTON	9,135	16.9	17.8	33.33%	2.9	3150
42	HARLAN	3,492	6.3	24.3	0.00%	0.9	3492
43	HAYES	933	1.3	24.8	0.00%	0.0	0
44	HITCHCOCK	2,901	4.1	23.8	0.00%	0.0	0
45	HOLT	10,403	4.3	20.8	50.00%	5.3	1954
46	HOOKER	728	1	29.0	0.00%	0.2	728
47	HOWARD	6,362	11.3	20.2	100.00%	1.0	6362
48	JEFFERSON**	7,335	12.8	22.5	66.67%	2.3	3189
49	JOHNSON*	5,185	13.8	16.9	66.67%	1.6	3268
50	KEARNEY	6,644	12.8	18.8	0.00%	2.6	2605
51	KEITH	8,121	7.8	23.2	25.00%	3.6	2240
52	KEYA_PAHA	810	1.1	28.3	0.00%	0.0	0
53	KIMBALL	3,713	3.9	22.7	0.00%	1.0	3713
54	KNOX	8,482	7.7	23.8	16.67%	3.2	2651
56	LINCOLN	35,815	14.2	17.1	29.41%	14.1	2538
57	LOGAN	750	1.3	18.4	0.00%	0.0	0
58	LOUP	588	1	24.8	0.00%	0.0	0
59	MCPHERSON	498	0.6	19.9	0.00%	0.0	0

Nebraska Rural Health Advisory Commission

2016 State-Designated Shortage Areas - **GENERAL DENTISTS**

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COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS			2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	2016 % GEN DENTISTS 55 and Over > 50%		
60	MADISON	35,174	61.2	15.6	42.31%	22.5	1561
61	MERRICK	7,766	16.2	18.8	50.00%	1.7	4707
62	MORRILL	4,862	3.5	18.2	100.00%	0.8	4862
63	NANCE	3,570	8.1	20.6	100.00%	1.0	3570
64	NEMAHA**	7,175	17.6	18.0	0.00%	2.0	3588
65	NUCKOLLS	4,369	7.6	26.2	66.67%	1.6	2723
66	OTOE*	15,797	25.7	19.9	66.67%	7.4	2135
67	PAWNEE**	2,702	6.3	25.6	100.00%	1.0	2702
68	PERKINS	2,891	3.3	21.9	100.00%	1.0	2891
69	PHELPS	9,187	17	20.1	25.00%	3.7	2500
70	PIERCE	7,202	12.5	18.0	33.33%	2.1	3471
71	PLATTE	32,666	48.8	15.7	46.15%	12.0	2725
72	POLK**	5,271	12.1	20.2	100.00%	1.5	3574
73	RED WILLOW	10,867	15.1	18.9	16.67%	4.8	2288
74	RICHARDSON	8,128	14.7	23.8	50.00%	3.3	2463
75	ROCK	1,443	1.4	21.8	100.00%	0.5	1443
76	SALINE*	14,252	24.7	15.0	66.67%	5.2	2741
78	SAUNDERS*	20,919	27.8	17.4	42.86%	5.6	3719
79	SCOTTS BLUFF	36,465	50.3	17.7	31.25%	14.0	2605

Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - GENERAL DENTISTS
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COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS			2016 FTE FP PHYSICIAN	2016 POP TO FTE FP PHYSICIAN RATIO
			< 7.0 2014 POP DENSITY	=> 23.4 2014 % POP 65 and OVER	2016 % GEN DENTISTS 55 and Over > 50%		
80	SEWARD*	17,150	32.7	16.6	16.67%	5.5	3132
81	SHERIDAN	5,259	2.1	23.4	50.00%	1.1	4781
82	SHERMAN	3,074	5.5	26.1	0.00%	0.5	3074
83	SIOUX	1,303	0.6	21.1	0.00%	0.0	0
84	STANTON	6,069	14.1	15.0	100.00%	0.3	6069
85	THAYER	5,230	9.1	24.7	50.00%	1.5	3607
86	THOMAS	687	1	19.8	0.00%	0.0	0
87	THURSTON	6,969	17.8	12.1	0.00%	3.6	1936
88	VALLEY	4,204	7.4	23.9	0.00%	1.7	2473
89	WASHINGTON*	20,258	52.5	16.0	33.33%	5.1	3976
90	WAYNE	9,431	21.3	14.1	50.00%	4.0	2358
91	WEBSTER	3,658	6.4	23.0	0.00%	0.5	3658
92	WHEELER	766	1.3	21.9	0.00%	0.0	0
93	YORK**	13,917	24.2	18.5	44.44%	7.5	1862

* County does not qualify by definition.

** Only part of county may qualify.

Nebraska Rural Health Advisory Commission

2016 State-Designated Shortage Areas - **PHARMACISTS**

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Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS		2016 FTE PHARMACISTS	2016 POP TO FTE PHARMACISTS RATIO
			=> 23.4			
			2014 % POP 65 and OVER	2016 % PHARMACISTS OVER 60 > 50%		
1	ADAMS	31,457	16.5	16.28%	37.6	837
2	ANTELOPE	6,398	22.4	28.57%	4.2	1523
3	ARTHUR	453	21.2	0.00%	0	0
4	BANNER	764	29.6	0.00%	0	0
5	BLAINE	504	21.8	0.00%	0	0
6	BOONE	5,353	21.6	25.00%	6.8	787
7	BOX BUTTE	11,340	16.1	28.57%	7	1620
8	BOYD	2,033	28.7	0.00%	0	0
9	BROWN	2,941	24.3	33.33%	1.4	2101
10	BUFFALO	48,224	12.9	14.89%	40.9	1179
11	BURT	6,573	23.9	33.33%	1.3	5056
12	BUTLER*	8,249	20.6	30.00%	6.5	1269
13	CASS*	25,524	16.1	0.00%	7.1	3595
14	CEDAR	8,610	21.3	0.00%	2.6	3312
15	CHASE	3,978	20.7	50.00%	1.7	2340
16	CHERRY	5,762	21.4	33.33%	3	1921
17	CHEYENNE	10,148	16.2	20.00%	13.6	746
18	CLAY	6,315	19.1	50.00%	1.2	5263
19	COLFAX	10,504	13.1	50.00%	1.8	5836
20	CUMING	9,027	21.5	0.00%	5.8	1556
21	CUSTER	10,728	20.9	9.09%	9.7	1106
22	DAKOTA	20,850	12.7	0.00%	8.1	2574
23	DAWES	9,042	17.6	18.18%	8.8	1028
24	DAWSON	24,096	15.0	33.33%	15.7	1535
25	DEUEL	1,940	23.5	50.00%	1.3	1492
26	DIXON	5,782	19.7	50.00%	1.5	3855
27	DODGE	36,744	19.0	16.67%	37.5	980
29	DUNDY	1,886	23.3	0.00%	1	1886
30	FILLMORE	5,661	22.9	40.00%	4.4	1287
31	FRANKLIN	3,076	25.7	0.00%	0	0
32	FRONTIER	2,705	21.2	0.00%	0	0
33	FURNAS	4,888	22.7	28.57%	5.5	889
34	GAGE*	21,663	20.4	33.33%	16.8	1289
35	GARDEN	1,911	27.7	0.00%	1	1911
36	GARFIELD	2,003	26.9	50.00%	2	1002
37	GOSPER	1,970	20.9	0.00%	0	0
38	GRANT	619	19.7	0.00%	0	0
39	GREELEY	2,482	23.7	50.00%	0.5	2482

Nebraska Rural Health Advisory Commission 2016 State-Designated Shortage Areas - **PHARMACISTS**

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COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS		2016 FTE PHARMACISTS	2016 POP TO FTE PHARMACISTS RATIO
			=> 23.4			
			2014 % POP 65 and OVER	2016 % PHARMACISTS OVER 60 > 50%		
40	HALL	61,492	14.2	13.11%	54.3	1132
41	HAMILTON	9,135	17.8	25.00%	4	2284
42	HARLAN	3,492	24.3	100.00%	1	3492
43	HAYES	933	24.8	0.00%	0	0
44	HITCHCOCK	2,901	23.8	0.00%	0	0
45	HOLT	10,403	20.8	9.09%	9.4	1107
46	HOOVER	728	29.0	0.00%	0	0
47	HOWARD	6,362	20.2	25.00%	4	1591
48	JEFFERSON	7,335	22.5	45.45%	9.2	797
49	JOHNSON	5,185	16.9	0.00%	3.3	1571
50	KEARNEY	6,644	18.8	0.00%	3.5	1898
51	KEITH	8,121	23.2	0.00%	9.5	855
52	KEYA PAHA	810	28.3	0.00%	0	0
53	KIMBALL	3,713	22.7	33.33%	2.8	1326
54	KNOX	8,482	23.8	0.00%	3.7	2292
56	LINCOLN	35,815	17.1	23.53%	31.8	1126
57	LOGAN	750	18.4	0.00%	0	0
58	LOUP	588	24.8	0.00%	0	0
59	MCPHERSON	498	19.9	0.00%	0.0	0
60	MADISON	35,174	15.6	4.26%	39.8	884
61	MERRICK	7,766	18.8	57.14%	5.1	1523
62	MORRILL	4,862	18.2	25.00%	2.3	2114
63	NANCE	3,570	20.6	25.00%	2.7	1322
64	NEMAHA	7,175	18.0	12.50%	6.7	1071
65	NUCKOLLS	4,369	26.2	14.29%	5.1	857
66	OTOE*	15,797	19.9	30.77%	11.2	1410
67	PAWNEE	2,702	25.6	100.00%	1.4	1930
68	PERKINS	2,891	21.9	33.33%	1.6	1807
69	PHHELPS	9,187	20.1	36.36%	9.9	928
70	PIERCE	7,202	18.0	33.33%	2.5	2881
71	PLATTE	32,666	15.7	13.79%	25.5	1281
72	POLK	5,271	20.2	16.67%	2.6	2027
73	RED WILLOW	10,867	18.9	16.67%	10.2	1065
74	RICHARDSON	8,128	23.8	20.00%	3.6	2258
75	ROCK	1,443	21.8	0.00%	1.7	849
76	SALINE*	14,252	15.0	44.44%	8.0	1782
78	SAUNDERS*	20,919	17.4	9.09%	9.6	2179
79	SCOTTS BLUFF	36,465	17.7	23.08%	37.1	983

Nebraska Rural Health Advisory Commission
2016 State-Designated Shortage Areas - PHARMACISTS
DRAFT

Prepared by Marlene Janssen, Executive Director - Rural Health Advisory Commission, (402) 471-2337
 NE Department of Health and Human Services, Division of Public Health, Nebraska Office of Rural Health

COUNTY NUMBER	COUNTY NAME	2014 TOTAL POP	HIGH NEED INDICATORS		2016 FTE PHARMACISTS	2016 POP TO FTE PHARMACISTS RATIO
			=> 23.4 2014 % POP 65 and OVER	2016 % PHARMACISTS OVER 60 > 50%		
80	SEWARD*	17,150	16.6	25.00%	9.0	1906
81	SHERIDAN	5,259	23.4	0.00%	1.8	2922
82	SHERMAN	3,074	26.1	20.00%	1.6	1921
83	SIOUX	1,303	21.1	0.00%	0.0	0
84	STANTON	6,069	15.0	0.00%	0.0	0
85	THAYER	5,230	24.7	42.86%	5.1	1025
86	THOMAS	687	19.8	0.00%	0.0	0
87	THURSTON	6,969	12.1	0.00%	6.4	1089
88	VALLEY	4,204	23.9	22.22%	6.3	667
89	WASHINGTON*	20,258	16.0	8.33%	8.0	2532
90	WAYNE	9,431	14.1	0.00%	4.9	1925
91	WEBSTER	3,658	23.0	50.00%	2.0	1829
92	WHEELER	766	21.9	0.00%	0.0	0
93	YORK	13,917	18.5	18.18%	9.3	1496

*Areas within a 25-mile radius of Lincoln and Omaha are not eligible and Cities > 15,000 population are not eligible.