

Physician Workforce in Louisiana

Provider Shortages and Access to Care



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Today's Discussion

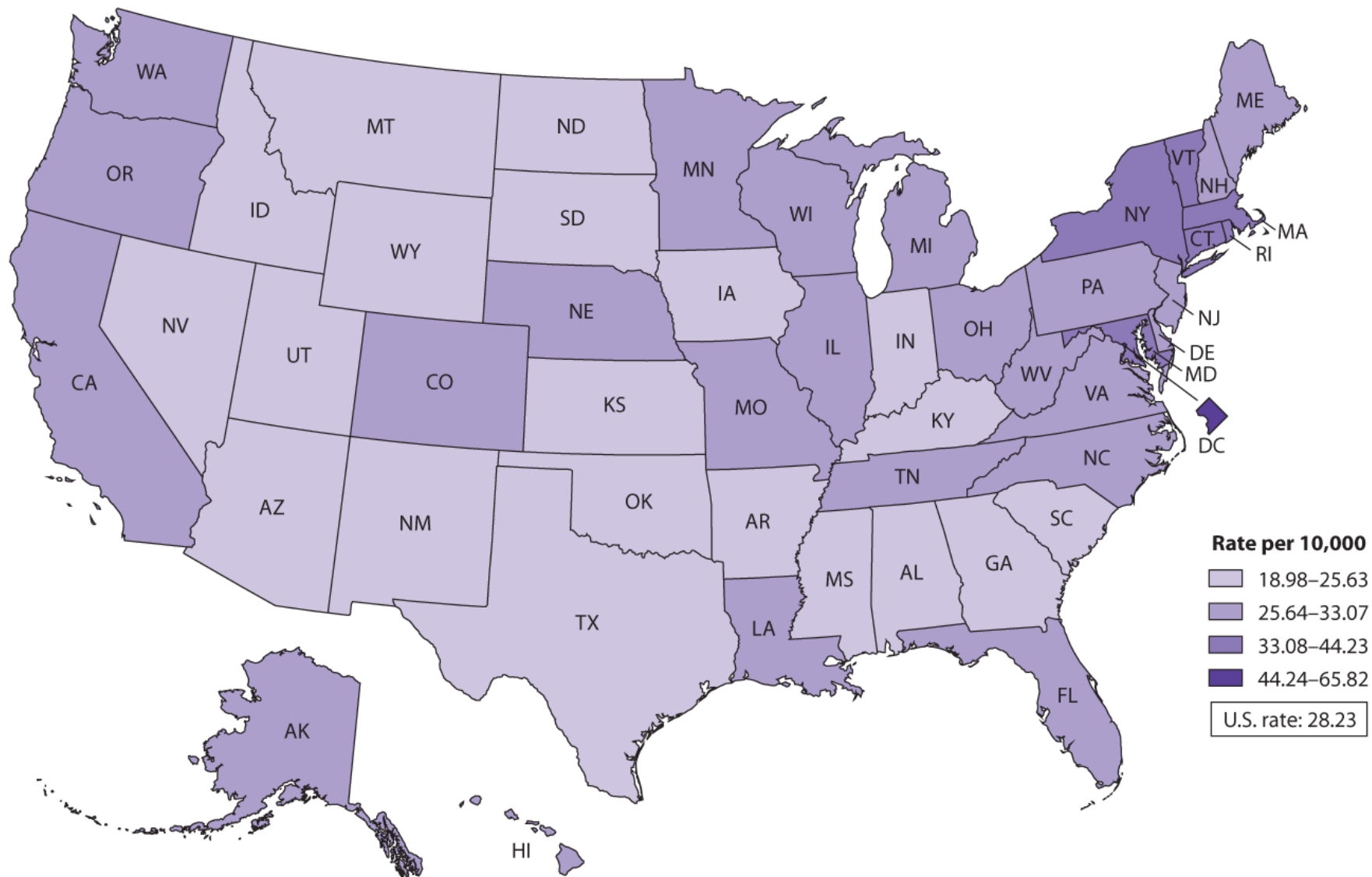
- Physician Population
- Physician Assistant Population
- Distribution
- Trends/Growth 2012-2022
- Data from LSBME licensing database
- Specialty, Parish and other fields not always complete

US Physician Workforce Predictions

As for physician shortage ratios (physician jobs per 100 000 people), by 2030, the three states with the most severe physician shortage ratios will be Mississippi (120), New Mexico (101), and Louisiana (100).

Zhang X, Lin D, Pforsich H, Lin VW. Physician workforce in the United States of America: forecasting nationwide shortages. Human Resources for Health 2020; 18:8. Published online 2020 Feb 6. doi: [10.1186/s12960-020-0448-3](https://doi.org/10.1186/s12960-020-0448-3)

**Figure. Number of physicians in patient care per 10,000 resident population, by state:
United States, 2019**



Caveats Regarding Data

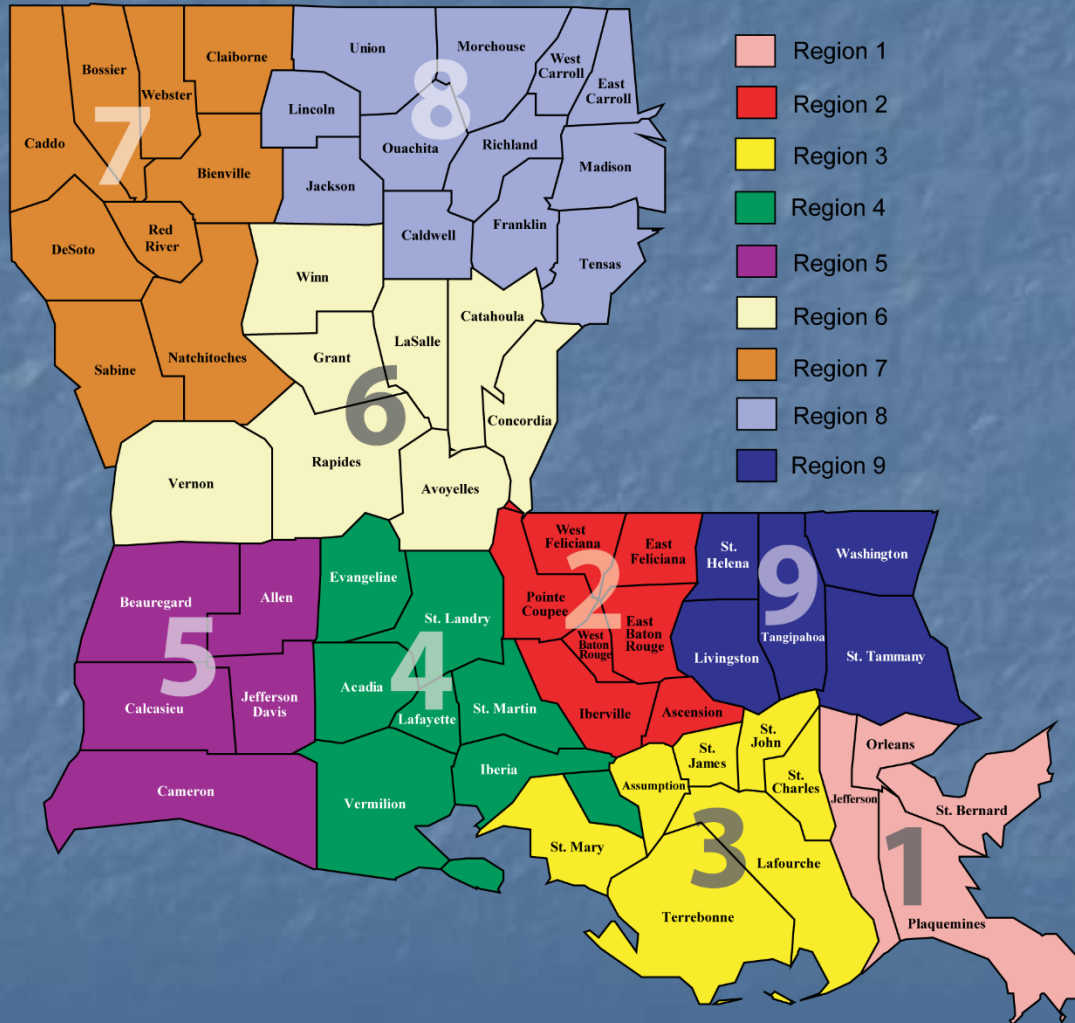
- Certain fields missing/not mandatory
 - This is being adjusted/standardized
- Statistics represent end of year count
- Numbers per 10,000 population by parish/LDH Region for 2019 and 2022 using same denominator (2020 Census)
- Some “Active” physicians may actually be retired from practice but maintaining licensure – not treating LA citizens

2012-2022

Category	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Physician & Surgeon	17,442	17,546	19,182	16,969	16,179	17,312	17,752	17,600	18,016	18,719	18,382
Physician Assistant	811	881	943	1,003	1,091	1,168	1,245	1,332	1,459	1,575	1,710

Note: Numbers compiled in February of succeeding year, may include licensees on probation or suspension. Does not include compact licenses

Louisiana Department of Health Regions



Louisiana Physicians 2022:

- Total active licensed – 18,111
- Primary business address in LA – 12,946
- Physicians in Training – 1,967

These numbers do not include compact licenses

Physicians by Specialty Type, 2022

LA Address

	Frequency	Percent
Specialty_Type		
ANESTHESIOLOGY	598	5
DERMATOLOGY	207	2
EMERGENCY MEDICINE	750	7
FAMILY MEDICINE	1,389	12
INTERNAL MEDICINE	1,899	17
INTERNAL MEDICINE SUBSPECIALTY	1,048	9
NEUROLOGY	213	2
OBGYN	630	6
OPHTHALMOLOGY	297	3
PATHOLOGY	220	2
PEDIATRICS	930	8
PEDIATRIC SUBSPECIALTY	151	1
PHYSICAL MEDICINE	120	1
PSYCHIATRY	565	5
RADIOLOGY	512	5
SURGERY	434	4
SURGERY SUBSPECIALTY	1,196	11
OTHER/UNSPECIFIED	47	0
Total	11,206	100

Note: Specialty is self reported and not a mandatory field.

Physician Age, 2022

LA Business Address

Average age: 51.8

	Frequency	Percent
RECODE of age		
Less than 35	1238	10
35-44	3536	27
45-54	2839	22
55-64	2499	19
65+	2759	21
Total	12871	100

Physicians by LDH Region, 2022

LA Primary Address

	Frequency	Percent
LDHRegion		
1	4554	35
2	1929	15
3	536	4
4	1354	11
5	517	4
6	500	4
7	1633	13
8	605	5
9	1243	10
Total	12871	100

Physicians per 10,000 Residents 2022 (LA Business Address)

- LDH 1 – 51.1
- LDH 2 – 27.7
- LDH 3 – 13.7
- LDH 4 – 22.8
- LDH 5 – 16.5
- LDH 6 – 16.8
- LDH 7 – 31.1
- LDH 8 – 17.1
- LDH 9 – 20.8

Louisiana Physicians 2019:

- Total active licensed – 14,646
- Primary business address in LA – 10,985
- Physicians in Training – 1,967

Physicians by LDH Region, 2019

LA Primary Address

	Frequency	Percent
LDHRegion		
1	3678	34
2	1709	16
3	484	4
4	1211	11
5	464	4
6	440	4
7	1312	12
8	523	5
9	1123	10
Total	10944	100

Physicians by Specialty Type, 2019

LA Primary Address

	Frequency	Percent
spectype		
ANESTHESIOLOGY	531	5
DERMATOLOGY	193	2
EMERGENCY MEDICINE	644	6
FAMILY MEDICINE	1208	12
INTERNAL MEDICINE	1459	14
INTERNAL MEDICINE SUBSPECIALTY	1406	14
NEUROLOGY	161	2
OBGYN	577	6
OPHTHALMOLOGY	267	3
PATHOLOGY	208	2
PEDIATRICS	785	8
PEDIATRIC SUBSPECIALTY	172	2
PHYSICAL MEDICINE	112	1
PSYCHIATRY	498	5
RADIOLOGY	496	5
SURGERY	352	3
SURGERY SUBSPECIALTY	1123	11
OTHER/UNSPECIFIED	62	1
Total	10254	100

Physician by Age, 2019

LA Primary Address

Average age: 51.2

	Frequency	Percent
RECODE of age		
<35	1064	10
35-44	2925	27
45-54	2584	24
55-64	2359	21
65+	2054	19
Total	10986	100

Physicians per 10,000 Residents 2019

- LDH 1 – 41.2
- LDH 2 – 24.5
- LDH 3 – 12.3
- LDH 4 – 20.4
- LDH 5 – 14.8
- LDH 6 – 14.8
- LDH 7 – 25.0
- LDH 8 – 14.9
- LDH 9 – 18.8

Parish Population Based on 2020 census

**PHYSICIANS PER 10,000 RESIDENTS
BY LDH REGION**

REGION	2019	2022
1	41.0	51.1
2	24.4	27.7
3	12.3	13.7
4	20.3	22.8
5	14.7	16.5
6	14.8	16.8
7	25.0	31.1
8	14.9	17.1
9	18.7	20.8

Physician Assistants

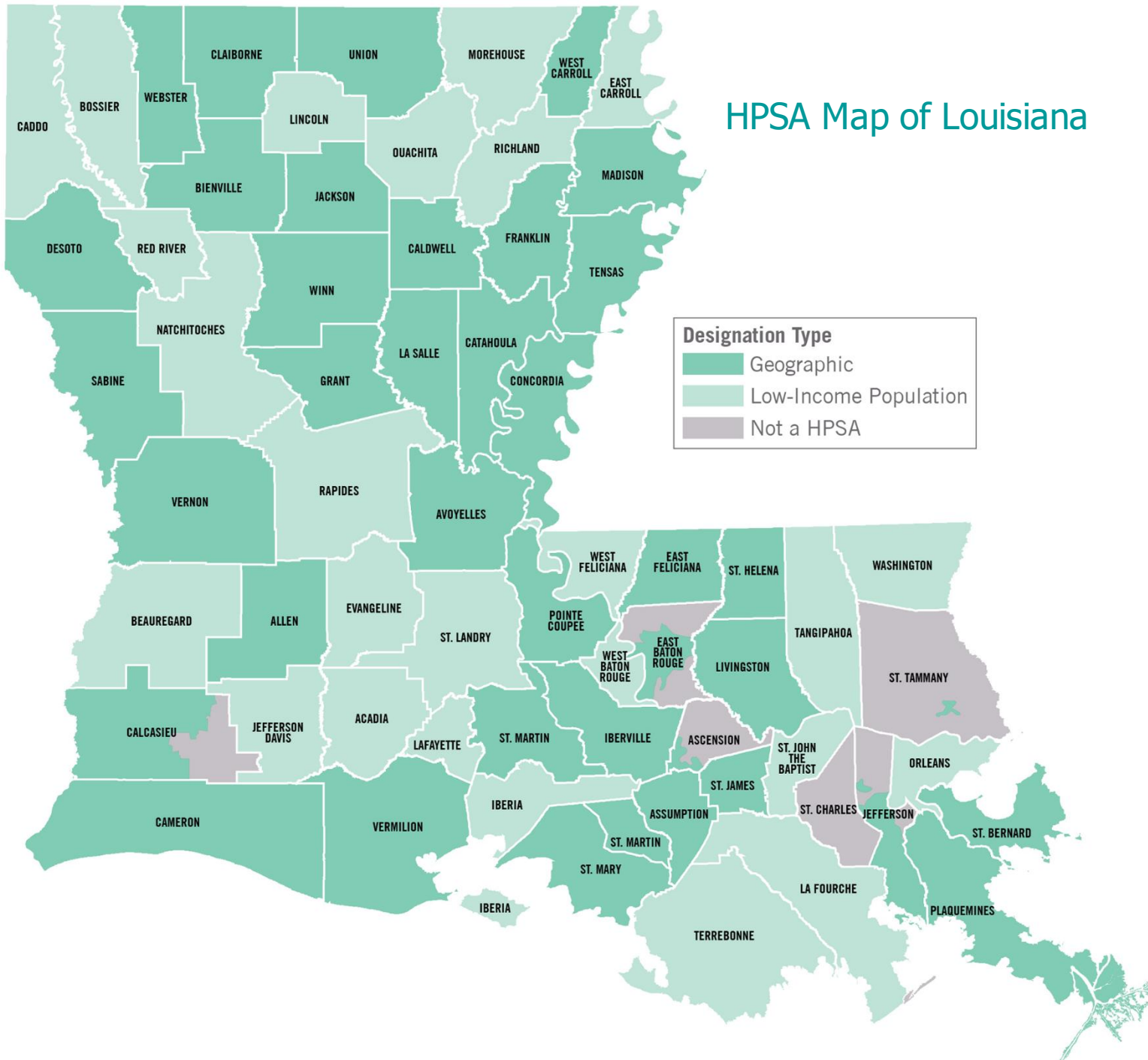
- Total licensed - 1,703
- Primary Business Address in LA – 1,399
- Mailing Address in LA – 1,495
- Mean age = 38

PAs by LDH Region

	Frequency	Percent
LDHRegion		
REGION1	322	31
REGION2	27	3
REGION3	39	4
REGION4	145	14
REGION5	27	3
REGION6	80	8
REGION7	226	22
REGION8	66	6
REGION9	104	10
Total	1036	100

Note: Primary address/parish missing for many PAs, causing probable under-reporting

HPSA Map of Louisiana



Questions?