

### 2.3. Demand Indicator: Emergency Certificates

The previous sections examined the relationship between educator and enrollment growth, and the historical trends in enrollments. *How do districts attempt to meet these needs?* One indicator of difficulty in finding supply is the emergency certificate.

- Emergency certificates can be considered a reasonable measure of shortages in supply. Using this as an indicator assumes the districts have engaged in an extensive search for persons to fill the needed role. However, it can also reflect the need to meet demand when there may not be adequate budget to hire another person. Therefore, the district works to employ its existing workforce in new and needed roles.

Table 15 presents the areas for 1995-96 for which emergency certificates were issued (note that these numbers may differ from SDE reports because these data were tabulated directly from the certification data files provided by the SDE to this project. These files are subject to constant revision).

- Areas in special education show the greatest number of emergency certificates, notably areas for emotionally disturbed (20), learning disability (20), and mentally handicapped (14). The only other special education area is speech language pathology with 1 certificate.
- Other areas of concern are Spanish, where 13 certificates were granted (Spanish elem/sec at 7, and Spanish at 6). Science areas add to 17 (chemistry 4, physical science 4, biology 3, physics 3, earth science 1, science MS-Jr high 1, Zoology 1). Math areas add to 7 (algebra 3, math MS-Jr high 2, geometry 1, trigonometry 1), and social studies areas at 20 (American history 5, geography 5, Oklahoma history 3, world history 3, U.S. government 2, economics 1, social studies MS-Jr. high 1). Music required 13 certificates (music general 6, music vocal 5, music instrumental 3).

**Table 15: Emergency Certificates**

Area 1996	Number	Area 1996	Number
EMOTIONALLY DISTURB	20	FRENCH ELEM/SEC	2
LEARNING DISABILITY	20	LANG ARTS MS-JR HIGH	2
MENTALLY HANDICAPPED	14	MATH MS-JR HIGH	2
SPANISH ELEM/SEC	7	PHYSICAL ED/HEALTH	2
GRAMMAR & COMP	6	PSYCHOLOGY	2
MUSIC GENERAL	6	SPEECH & DRAMA	2
SPANISH	6	U S GOVERNMENT	2
VOC BUSINESS-OFFICE	6	YEARBOOK	2
AMERICAN HISTORY	5	ANALYSIS	1
GEOGRAPHY	5	BUSINESS MATH	1
MUSIC-VOCAL	5	CONSTRUCTION TECH	1
CHEMISTRY	4	EARTH SCIENCE	1
EARLY CHILDHOOD	4	ECONOMICS	1
PHYSICAL SCIENCE	4	EN/PWR/TRANSP TECH	1
ALGEBRA	3	GENERAL TECHNOLOGY	1
BIOLOGY	3	GEOMETRY	1
MUSIC-INSTRUMENTAL	3	HEALTH	1
OKLAHOMA HISTORY	3	HOME ECONOMICS-GEN	1
PHYSICS	3	PHYSICALLY HANDICAP	1
WORLD HISTORY	3	SCIENCE MS-JR HIGH	1
AMERICAN LITERATURE	2	SECONDARY COUNSELOR	1
ART	2	SOC STUDIES MS-JR HI	1
CAREER/OCCUP INFORM	2	SPEECH-LANGUAGE PATH	1
DRIVER/SAFETY ED	2	TRIGONOMETRY	1
ELEMENTARY COUNSELOR	2	VOC HOME ECONOMICS	1
ENGLISH LITERATURE	2	ZOOLOGY	1
		<b>Grand Total</b>	<b>176</b>

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### 1.3.1. Districts Receiving Emergency Certificates in 1996

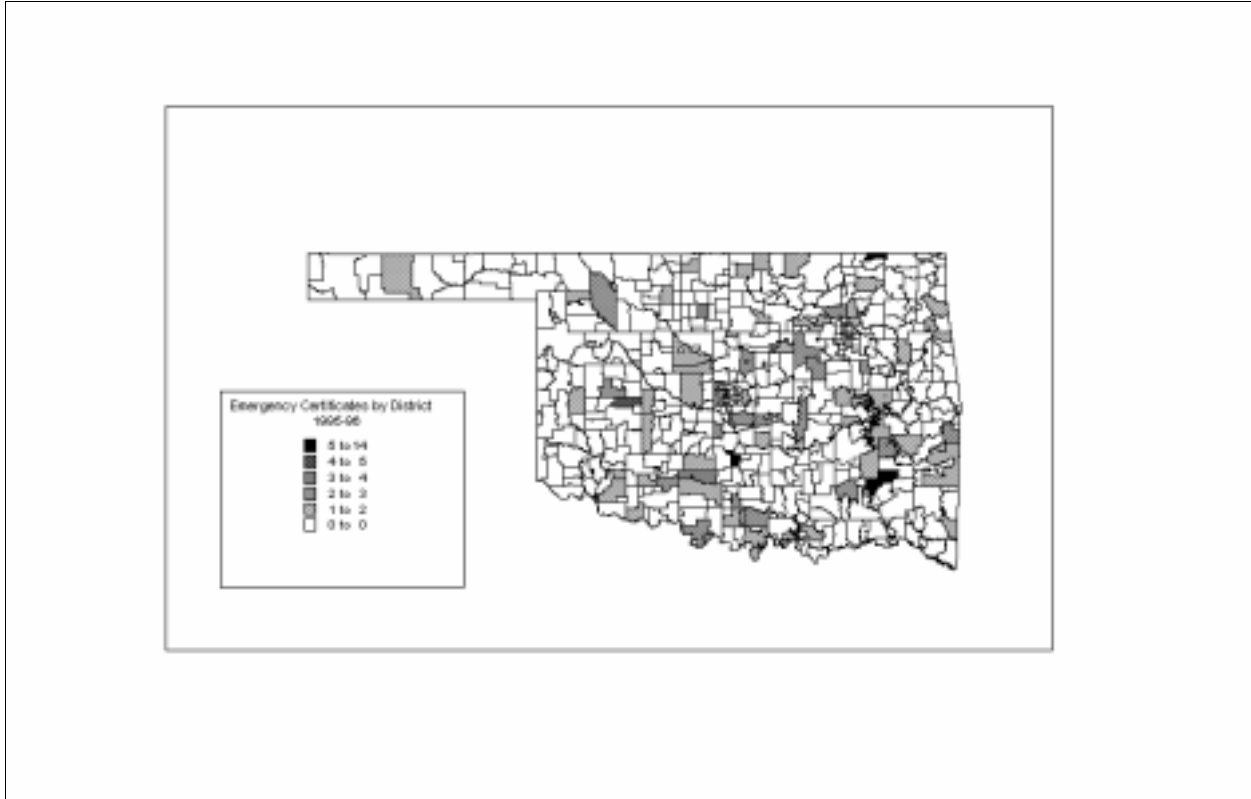
Table 16 shows the list of districts that requested the emergency certificates.

- Note there is a high correlation between the size of the district and the number of certificates requested. Tulsa and Oklahoma City have 13% of the educators in the state, and about 15% of the emergency certificates.
- 100 districts requested at least 1 emergency certificate. Of that 100, 36 requested more than 1, and 13 requested more than 2 certificates. These districts are mapped on the following page

**Table 16: Districts Receiving Emergency Certificates**

District	Certs	District	Certs	District	Certs	District	Certs
TULSA	14	OLIVE	2	FORT SUPPLY	1	OKARCHE	1
OKLA CITY	12	POTEAU	2	FOX	1	OKLAHOMA UNION	1
MAYSVILLE	6	PRESTON	2	FREDERICK	1	OWASSO	1
CLAYTON	5	RYAN	2	GOODWELL	1	PANAMA	1
LAWTON	4	SKIATOOK	2	GRANDFIELD	1	PRUE	1
S COFFEYVILLE	4	STRINGTOWN	2	HANNA	1	QUINTON	1
WASHITA HEIGHTS	4	TECUMSEH	2	HARTSHORNE	1	RED OAK	1
ENID	3	WILBURTON	2	HEAVENER	1	RUSH SPRINGS	1
GROVE	3	WILSON	2	HILLDALE	1	SASAKWA	1
MARLOW	3	ACHILLE	1	HOWE	1	SCHULTER	1
MWC/DEL CITY	3	BARTLESVILLE	1	HULBERT	1	SEMINOLE	1
RIPLEY	3	BATTIEST	1	HYDRO	1	SHIDLER	1
VELMA-ALMA	3	BETHANY	1	JAY	1	SILO	1
BISHOP	2	BLACKWELL	1	KANSAS	1	SNYDER	1
BRIDGE CREEK	2	CACHE	1	KINGFISHER	1	STILLWATER	1
BRISTOW	2	CARNEGIE	1	KINGSTON	1	THACKERVILLE	1
CLINTON	2	CHECOTAH	1	LONE GROVE	1	TIMBERLAKE	1
COYLE	2	CHOCTAW/NICOMA PARK	1	MARIETTA	1	VERDEN	1
DEWAR	2	CLEVELAND	1	MC ALESTER	1	WAKITA	1
DICKSON	2	COLLINSVILLE	1	MILLWOOD	1	WANETTE	1
EARLSBORO	2	CUSHING	1	MOORE	1	WATTS	1
GANS	2	DIBBLE	1	MORRISON	1	WEWOKA	1
HASKELL	2	EAGLETOWN	1	MULHALL-ORLANDO	1	Grand Total	176
LITTLE AXE	2	EL RENO	1	NEW LIMA	1		
MOORELAND	2	ELK CITY	1	NEWKIRK	1		
NORMAN	2	EMPIRE	1	NOWATA	1		

**Figure 9: Geographical Dispersion of Emergency Certificates**



Of these 100 districts requesting emergency certificates:

- 77 experienced increases in enrollments
- 61 experienced declines in their total workforces
- 41 were cases where the enrollment growth outpaced the workforce growth---per the earlier analysis.