

Teacher Shortage and TSSP

1. Teaching Field Index Of Criticality For Utah - Mean Score, November 2014

Criticality Scale: 4.0 – 4.9 Critical Shortage 2.0 – 2.9 Minimal Shortage
 3.0 – 3.9 Moderate Shortage 1.0 – 1.9 Oversupply

TEACHING LEVEL/FIELDS	MEANS
Mathematics: Level 4	4.1
Physics	3.8
Sp. Ed: Severe	3.8
For. Lang: Dual Immersion	3.7
Foreign Language: Chinese	3.7
Speech Language Pathology	3.7
Chemistry	3.6
Preschool Special Education	3.6
Middle Level Science	3.6
Sp. Ed: Blind & Visually Impaired	3.6
Mathematics: Level 3	3.5
Sp. Ed: Mild/Moderate	3.5
Sp. Ed: Deaf & Hearing Impaired	3.5
Foreign Language: Amer. Sign Language	3.4
Biology	3.4
School Psychologist	3.4
Earth Science	3.4
Information Technology	3.3
Mathematics: Level 2	3.2
Foreign Language: Latin	3.2
Physical Science	3.2
Technology Education	3.2
Audiology	3.1
Environmental Science	3.1
Zoology	3.1
Agriculture	3.1
Early Childhood	3.1
Gift & Talented	3.1
Family & Consumer Science	3.1
Foreign Language: French	3.0
Skills & Technical Sciences	3.0
Health Science	3.0
Mathematics Elementary	3.0
Computer Science	3.0
Reading	3.0
Library Media	3.0
TEACHING LEVEL/FIELDS	MEANS
Elementary (1-8)	3.0
Bilingual	2.9
Foreign Language: German	2.9

Music	2.9
Business	2.9
Keyboarding	2.9
Foreign Language: Spanish	2.8
Marketing	2.8
Elementary (K-6)	2.8
ESL	2.7
Art	2.7
Dance	2.7
School Counselor	2.7
Theatre	2.7
English	2.7
Administrative/Supervisory	2.5
Speech	2.5
Economics	2.5
Geography	2.5
School Social Worker	2.4
Economics/Entrepreneur	2.4
Work Based Learning	2.4
Journalism	2.4
Psychology	2.4
Health	2.4
Photography	2.3
Physical Education	2.3
Anthropology	2.2
Sociology	2.2
Political Science	2.2
Social Studies Composite	2.2
Humanities	2.1
History	2.1
Coaching	2.0
Driver & Safety Education	1.5

2. Eligible FTE for TSSP Funding

Math Areas = 1017.3

Science Areas = 222.4

Special Ed = 1362.5 (defined as Special Ed Teachers with SpEd Degrees, excludes student support areas and preschool special ed)

Computer Science = 10.0 (defined broadly to include any assignment in IT or CTE IT (05 or 35) and holds a computer science degree)

3. Computer Science Offerings

There are 19 different courses that have the computer science endorsement (below) and about 320 of these courses are being offered this year. Most are being taught by teachers with endorsements and 10 FTE have computer science majors.

- Computer Science I
- Computer Science II
- A.P. Computer Science A
- A.P. Computer Science AB
- Computer Science I CE
- Computer Literacy
- Computer Literacy CE
- Computer Programming I
- Computer Science Principles
- Computer Programming II
- Gaming Development Fundamentals
- Mobile Development Fundamentals
- IB Computer Science SL 1
- IB Computer Science SL 2
- IB Computer Science HL 1
- IB Computer Science HL 2
- Computer Programming I CE
- Computer Science Principles CE
- Computer Programming II CE