

2003 STATEWIDE ANNUAL LICENSURE REPORT



Texas Higher Education Coordinating Board
Community and Technical Colleges Division
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2003 Statewide Annual Licensure Report

Introduction

This report provides licensure examination results for two-year technical associate degrees, and one-year certificate programs, leading to professions requiring licensure or certification. The Texas Higher Education Coordinating Board uses this information as part of its overall assessment of the effectiveness of vocational education programs at community and technical colleges in the state.

In the spring of 1997, the Coordinating Board and the Legislative Budget Board expressed an interest in using licensure data as a specific performance measure of programs at community and technical colleges. Effective September 1, 1997, the 75th Texas Legislature enacted House Bill 2517 requiring public community colleges to annually report on nine performance measures. One of these measures is the percentage of students who pass a licensure exam.

Licensure is mandated by state law. It offers practitioners title protection and defines the scope of practice for a field. Licensure examinations ensure an individual possesses the competence necessary for a specific profession. By testing, the state or professional organization that awards the license helps to safeguard the public from injury by the practitioner.

Certification is not legislatively mandated and is offered through non-governmental agencies and associations. As with licensure exams, certification exams ensure competence within a given field or profession. A certifying body grants recognition of an individual's attainment of defined professional qualifications and continuing education efforts.

The Coordinating Board recognizes that the success rate for licensure and certification is an integral part of the overall success of many workforce development programs. This report contributes to the process of continuous improvement and scholastic accountability in Texas community and technical colleges.

Methodology

In June 2003, Coordinating Board staff contacted the agencies and professional organizations responsible for licensure or certification testing in order to obtain information for the *Statewide Annual Licensure Report*. Staff requested that agencies and professional organizations provide results for examinations administered in the 2001-2002 academic year. The requested data included the number of individuals from each school who took the licensure/certification exam, and the number who passed. The public community and technical college programs included in this report have been approved by the Coordinating Board, There is, however, one exception. All listed alternative teaching certification programs have been approved by another state agency, the State Board for Educational Certification (SBEC).

The *2003 Statewide Annual Licensure Report* includes data on the following forty-five licensure/certification examinations:

- Aircraft Mechanic – Airframe, General, Powerplant
- Alternative Teacher Certification- Industrial Technology Teacher
- Barber / Hairstylist
- Breath Test Operator
- Child Care Administrator
- Cosmetologist, Cosmetology Instructor
- Court Reporter
- Dental Hygienist- Clinical
- Dietetic Technician
- Emergency Medical Technician Basic, Emergency Medical Technician Intermediate, Paramedic
- Fire Protection – Aircraft Rescue, Arson Investigator, Driver/Operator-Pumper, Hazardous Materials, Inspector, Structure, Fire Officer 1
- Food Protection Manager, Food Protection Manager- Culinary Arts
- Funeral Director, Embalmer, Funeral Director-Embalmer
- Funeral – Texas Mortuary Law
- Interpreter for the Deaf
- Land Surveying – Analytical, Legal
- Law Enforcement – Corrections (Academic), Peace Officer (Academy), Reserve Officer (Academy)
- Massage Therapy
- Medical Assistant
- Medical Radiologic Technologist – Radiography, Radiation Therapy
- Nuclear Medicine Technician
- Nurse, Licensed Vocational / Practical
- Nurse, Registered
- Nurse Aide
- Occupational Therapist Assistant
- Physical Therapist Assistant
- Veterinary Technician – National, Texas Law

Limitations

Many programs are not included in the Annual Licensure Report due to various limitations. Many state agencies and professional organizations do not track licensure examination results by the college a candidate attended. Several agencies were only able to provide incomplete licensure data. Other programs were excluded from this year's report due to the Coordinating Board's decision to refrain from collecting licensure information directly from the community colleges. Additionally, several agencies now charge fees ranging from \$13 to \$790 to generate licensure data reports. The licensure/certification programs that have inclusion limitations are as follows:

- **Air Conditioning and Refrigeration Contractor**
The Texas Department of Licensing and Regulation maintains data on this profession, but does not currently track each candidate's education records. Though training is offered at community colleges, college coursework is not required to become a licensed contractor.
- **Automotive Technician**
The National Institute for Automotive Service Excellence (NIASE) certifies candidates in this field. While many public community and technical colleges offer automotive technician training programs, NIASE does not have minimum education requirements for its candidates.
- **Cardiovascular Technologist**
The certifying organization for this field, Cardiovascular Credentialing International, does not maintain data on a candidate's training institution.
- **Diagnostic Medical Sonographer**
The American Registry of Diagnostic Medical Sonographers (ARDMS) is responsible for licensure in this field. ARDMS does not maintain education data on examinees, and requires the social security numbers of candidates in order to process reports.
- **Dental Hygienist**
Although two exams are required for licensure, the 2003 Annual Licensure Report only maintains data on the clinical portion of the Dental Hygiene exam. The organization administering the national exam, the American Dental Association, does not release information to third parties.
- **Health Information Management Technician**
The American Health Information Management Association maintains examination data for this field. AHIMA policy does not allow information to be released to third parties. Certification in this field is voluntary.
- **Horse Trainer**

While North Central Texas College offers a program in Equine Science, the Texas Racing Commission does not require any formal coursework for licensure in this field.

- **Insurance Agent/ Adjuster**

The Texas Department of Insurance, the licensing body for this field, does not maintain education records for insurance agent candidates.

- **Interior Designer**

Neither the Texas Board of Architectural Examiners (TBAE) nor the National Council for Interior Design Qualification (NCIDQ) compiles data on a candidate's educational experience.

- **Landscape Irrigation**

The Texas Commission on Environmental Quality does not track exam information by training provider.

- **Legal Assistant / Paralegal**

Certification in this field, through the National Association of Legal Assistants and the National Federation of Paralegal Associations, is voluntary.

- **Loan Officer / Mortgage Broker**

The Texas Savings and Loan Department is responsible for licensure in this field. No examination is required for licensure, which is based on education and experience only.

- **Medical Laboratory Technician**

Though the American Society of Clinical Pathologists (ASCP) participated in the 2001 Annual Report, their policies have changed. In order to generate the exam performance statistics requested by the Coordinating Board, ASCP now requires the prior receipt of a reporting fee.

- **Medication Aide**

The Texas Department of Health's Long Term Care Regulatory Credentialing Department is responsible for certification in this field. The agency does not collect information specific to each public college that offers the medication aide training program.

- **Microsoft Certified Professional**

Microsoft Certification Programs reports that their database does not capture pass/fail rates for individual institutions.

- **Municipal Solid Waste Operator**

The licensing body for this profession, the Texas Commission on Environmental Quality, does not currently have the tracking capabilities necessary to participate in the licensure report.

- **Nursing Facility Administrator**
 The Texas Department of Human Services does not track education data on their candidates.
- **Ophthalmic Technician / Assistant**
 The Joint Commission on Allied Health Personnel in Ophthalmology administers the licensure examination for this field. According to the JCAHPO, no students took the certification exam during the time period covered in the report.
- **Optician / Contact Lens Fitter**
 Certification in these fields is voluntary. The American Board of Opticianry and the National Contact Lens Examiners, the organizations responsible for certification, were unable to provide state or college-level data on their examinations.
- **Optometric Technician**
 The American Optometric Association does not track licensure exam data for individual institutions or states.
- **Orthotist / Prosthetist Assistant**
 The licensing agency in this field, the Texas Board of Orthotics and Prosthetics, does not require candidates to take an examination.
- **Phlebotomist**
 Certification in this field, offered through multiple organizations, is voluntary.
- **Real Estate Appraiser**
 The Texas Appraiser Licensing and Certification Board does not track data based on courses taken or college attended. Many Real Estate Appraiser candidates take coursework through multiple training providers, including trade associations, proprietary schools, internet/distance-based courses, as well as community/technical colleges and universities.
- **Real Estate – Inspector, Sales Agent, Broker**
 The Texas Real Estate Commission does not maintain records on the education background of its candidates.
- **Respiratory Care Practitioner**
 The National Board for Respiratory Care does not release examination information to third parties. The Texas Department of Health Respiratory Care Practitioners Certification Program does not maintain records on a licensee's credentials.
- **Social Work Associate**
 The Association of Social Work Boards (ASWB) administers licensure in this field. ASWB charges a report fee, and requires receipt of the payment prior to releasing data.

- **Surgical Assistant**
The Texas Board of Medical Examiners has not begun licensing surgical assistants. The agency will participate in the 2004 Licensure Report.
- **Tax – Examiner, Collector, Revenue Agent**
The Board of Tax Professional Examiners does not collect data on the educational background of their candidates.
- **Truck Driver- Professional**
The Texas Department of Transportation, which administers the state licensing exam, does not maintain educational data on students. The Texas Workforce Commission also does not track the educational background of these drivers.
- **Wastewater Operator**
The Texas Commission on Environmental Quality maintains licensure information on this field. However, TCEQ does not track licensure information by training provider, college, or employer.
- **Water Operator**
The Texas Commission on Environmental Quality does not have the resources required to process licensure data by institution. The agency is upgrading their database systems within the next year, so future participation in the licensure report is possible.

Licensure Exam Results
Table I: Statewide Summary
(1999 – 2002)

Texas Higher Education Coordinating Board
 2003 Statewide Annual Licensure Report
 Statewide Summary (1999-2002)

CIP	PROGRAM	1999			2000			2001			2002		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
02.0301	Food Protection Manager	0	0	0	0	0	0			0	542	416	77
12.0300	Funeral - Texas Law Exam			0	15	14	93	34	34	100	14	11	79
12.0301	Funeral Director	0	0	0	7	3	43	6	4	67	21	10	48
12.0301	Funeral Director-Embalmer			0	26	14	54	32	17	53	35	21	60
12.0301	Funeral Embalmer	0	0	0	22	10	45	14	0	0	13	6	46
12.0402	Barber/Hairstylist	19	17	89	40	30	75	25	25	100	18	16	89
12.0403	Cosmetologist	885	765	86	1025	813	79	982	778	79			0
12.0405	Massage Therapy	134	97	72	152	113	74	153	105	69	193	141	73
12.0413	Cosmetology Instructor	54	30	56	49	26	53	53	25	47			0
12.0503	Food Protection Manager - Culinary Arts	0	0	0	0	0	0			0	3542	2828	80
13.1300	Alternative Teacher Certification - Industrial	0	0	0	0	0	0			0	4	1	25
15.1100	Land Surveying			0	15	8	53			0			0
15.1100	Land Surveying - Analytical Exam	0	0	0	0	0	0	22	14	64	41	17	41
15.1100	Land Surveying - Legal Exam	0	0	0	0	0	0	18	13	72	25	13	52

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 Statewide Summary (1999-2002)

CIP	PROGRAM	1999			2000			2001			2002		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
19.0708	Child Care Administrator	0	0	0	0	0	0	8	4	50	4	4	100
43.0102	Law Enforcement, Corrections - Academic	0	0	0	14	5	36	99	32	32	59	25	42
43.0102	Law Enforcement, Corrections - Academy	474	372	78	123	88	72	410	286	70			0
43.0104	Law Enforcement, Peace Officer - Academic	190	80	42	1086	830	76	162	85	52			0
43.0107	Breath Test Operator			0			0	468	460	98	1055	982	93
43.0107	Law Enforcement, Peace Officer - Academy	1350	829	61	128	68	53	1506	1124	75	1587	986	62
43.0107	Law Enforcement, Reserve Officer - Academy	0	0	0	0	0	0	453	304	67	204	130	64
43.0201	Fire Protection (Aircraft Rescue)	5	5	100	11	9	82	17	17	100	25	23	92
43.0201	Fire Protection (Arson Investigator)	25	25	100	37	30	81	41	38	93	23	19	83
43.0201	Fire Protection (Inspector)	57	49	86	30	25	83	56	55	98	57	49	86
43.0201	Fire Protection (Officer 1)	0	0	0	0	0	0			0	17	15	88
43.0203	Fire Protection (Driver/Operator-Pumper)	0	0	0	0	0	0	85	72	85	59	58	98
43.0203	Fire Protection (Hazardous Materials)	0	0	0	0	0	0	19	19	100	28	26	93
43.0203	Fire Protection (Structure)	331	252	76	322	273	85	717	627	87	711	617	87

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CIP PROGRAM	1999			2000			2001			2002		
	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
47.0607 Aircraft Maintenance Technician- Airframe	67	59	88	81	76	94	82	75	91	125	108	86
47.0607 Aircraft Maintenance Technician- General	42	31	74	72	65	90	87	79	91	126	117	93
47.0607 Aircraft Maintenance Technician- Powerplant	30	27	90	44	43	98	80	76	95	95	91	96
51.0205 Deaf Interpreter	45	27	60	46	23	50	56	27	48	37	31	84
51.0602 Dental Hygienist - WREB clinical	0	0	0	0	0	0			0	199	178	89
51.0801 Medical Assistant	53	25	47	60	36	60	47	18	38	48	28	58
51.0803 Occupational Therapy Assistant	0	0	0	0	0	0			0	122	118	97
51.0806 Physical Therapy Assistant	312	224	72	273	271	99	129	94	73	332	234	70
51.0808 Veterinary Technician - National Exam			0			0	71	53	75	68	52	76
51.0808 Veterinary Technician - Texas Law Exam			0			0	63	60	95	61	59	97
51.0904 Emergency Medical Technician Basic	196	169	86	84	61	73	101	92	91	162	148	91
51.0904 Emergency Medical Technician Intermediate	22	20	91	62	47	76	37	30	81	3	2	67
51.0904 Paramedic	3487	2997	86	4043	3411	84	3639	3249	89	3707	3133	85
51.0905 Nuclear Medicine Technology	9	8	89	18	15	83	49	43	88	53	43	81

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CIP PROGRAM	1999			2000			2001			2002		
	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0907 Medical Radiologic Technologist - Radiograp	421	389	92	422	373	88	551	439	80	492	378	77
51.0907 Medical Radiologic Technologist- Radiation T	7	6	86	21	16	76	17	17	100	15	15	100
51.1004 Medical Laboratory Technician			0	139	76	55			0			0
51.1601 Nurse, Registered	1732	1540	89	2480	2132	86	2525	2227	88	611	537	88
51.1613 Nurse, LVN	2541	2257	89	2774	2396	86	2049	1800	88	2283	2035	89
51.1614 Nurse Aide	3269	2755	84	555	475	86	3076	2546	83	3929	3744	95
51.3104 Dietetic Technician	0	0	0	0	0	0			0	7	5	71
52.0405 Court Reporting	75	17	23	75	14	19	46	10	22	72	27	38

Licensure Exam Results
Table II: Results by Program
(1999 – 2002)

Texas Higher Education Coordinating Board
 2003 Statewide Licensure Report
 Results by Program (1999-2002)

Lamar Institute of Technology

CIP	Program	1999			2000			2001			2002		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0104	Law Enforcement, Peace Officer - Academi												
	Institution Results				42	35	83%						
	Statewide Totals	190	80	42%	1086	830	76%	162	85	52%			0 %
43.0107	Law Enforcement, Peace Officer - Academ												
	Institution Results	31	19	61%									
	Statewide Totals	1350	829	61%	128	68	53%	1506	1124	75%	1587	986	62 %
43.0201	Fire Protection (Inspector)												
	Institution Results												
	Statewide Totals	57	49	86%	30	25	83%	56	55	98%	57	49	86 %
43.0203	Fire Protection (Structure)												
	Institution Results	28	22	79%	28	22	79%	47	38	81%	21	18	86%
	Statewide Totals	331	252	76%	322	273	85%	717	627	87%	711	617	87 %
51.0602	Dental Hygienist - WREB clinical												
	Institution Results	0	0	0%	0	0	0%				17	16	94%
	Statewide Totals	0	0	0%	0	0	0%			0%	199	178	89 %

Texas Higher Education Coordinating Board
 2003 Statewide Licensure Report
 Results by Program (1999-2002)

Lamar Institute of Technology

CIP	Program	1999			2000			2001			2002		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0904	Emergency Medical Technician Basic												
	Institution Results	39	37	95%	50	36	72%						
	Statewide Totals	196	169	86%	84	61	73%	101	92	91%	162	148	91%
51.0904	Paramedic												
	Institution Results							53	40	75%	86	77	90%
	Statewide Totals	3487	2997	86%	4043	3411	84%	3639	3249	89%	3707	3133	85%
51.0907	Medical Radiologic Technologist - Radiogra												
	Institution Results	27	26	96%	26	25	96%						
	Statewide Totals	421	389	92%	422	373	88%	551	439	80%	492	378	77%

Appendix A

Explanatory Notes for Tables

Explanatory Notes for Tables

CIP Code	The Classification of Instructional Programs (CIP) is a federal taxonomy developed by the U.S. Department of Education. It is used throughout the nation by government agencies and professional associations to establish standard terminology and record-keeping. The six-digit identification number of the instructional program includes both Technical and Tech Prep programs under the same program code.
Dates	Dates reflect the annual reporting deadlines to which the institutions must adhere. All testing during the period beginning with the fall semester and through the following summer semester is reported in the fall after the summer semester.
FICE Code	The Federal Interagency Commission on Education (FICE) six-digit identification number for an academic institution. Any colleges with one FICE code but multiple course work sites were aggregated into one name.
Institution	Name of an institution that offered the particular instructional program.
Licensure Exam	Title of the licensure examination. Not necessarily equivalent to the title of the instructional program to which the examination relates.
Passed	Number of students who passed the particular licensure examination. This information normally comes from the agency that administers the licensure examination.
Program	An organized unit of instruction directly related to the acquisition and/or upgrading of technical skills and for which a Coordinating Board-approved certificate or an applied associate degree is awarded.
Reporting Agency	An external agency, which grants authorization to practice in a particular occupational field after passage of a formal examination relating to that specific field.
Tested	Number of students who took the particular licensure examination. This information normally comes from the agency that administers the licensure examination.