

2006 STATEWIDE ANNUAL LICENSURE REPORT



Texas Higher Education Coordinating Board

Academic Excellence and Research

Planning and Accountability

Planning and Think Tank

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The Texas Higher Education Coordinating Board does not discriminate on the basis of race, color, national origin, gender, religion, age, or disability in employment or provision of services.

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2006 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 July 2006, 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 2004-2005 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 2006 *Statewide Annual Licensure Report* includes data on the following forty-eight licensure/certification examinations:

- Aircraft Mechanic – Airframe, General, Powerplant
- Barber / Hairstylist
- Breath Test Operator
- Child Care Administrator
- Cosmetologist
- 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, Fire Officer 2,
- 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), Corrections (Academy), Peace Office (Academic), Peace Officer (Academy), Reserve Officer (Academy) (discontinued in 2004-2005)
- Massage Therapy
- Medical Assistant
- Medical Radiologic Technologist – Radiography, Radiation Therapy
- Nuclear Medicine Technician
- Nurse, Licensed Vocational / Practical
- Nurse, Registered
- Nurse Aide
- Occupational Therapist Assistant
- Pharmacy Technician

- 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 2006 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, there are currently no academic programs for ophthalmic medical personnel based in Texas.
- **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 recently began licensing surgical assistants. There is only one approved Surgical Assistant program in Texas, and the program's first class has not yet graduated. The agency will participate in the 2005 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.

Licensure Exam Results
Table I: Statewide Summary
(2002 – 2005)

Texas Higher Education Coordinating Board
2006 Statewide Annual Licensure Report
Statewide Summary (2002-2005)

CIP	PROGRAM	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
02.0301	Food Protection Manager	542	416	77	387	267	69			0			0
12.0300	Funeral - Texas Law Exam	14	11	79			0	11	9	82			0
12.0301	Funeral Director	21	10	48			0	22	14	64			0
12.0301	Funeral Director-Embalmer	35	21	60	8	5	62	7	3	43	21	15	71
12.0301	Funeral Embalmer	13	6	46	4	0	0	27	16	59			0
12.0402	Barber/Hairstylist	18	16	89	11	11	100			0			0
12.0403	Cosmetologist	154	130	84	1255	1002	80	1317	917	70			0
12.0405	Massage Therapy	193	141	73	215	154	72	216	177	82	249	209	84
12.0503	Food Protection Manager - Culinary Arts	3542	2828	80	3562	2462	69	3491	2560	73	2431	1862	77
15.1100	Land Surveying - Analytical Exam	41	17	41	30	17	57	19	11	58	14	2	14
15.1100	Land Surveying - Legal Exam	25	13	52	22	13	59	13	7	54	8	4	50
19.0708	Child Care Administrator	4	4	100	0	0	0	0	0	0	3	3	100
43.0102	Law Enforcement, Corrections - Academic	59	25	42	17	12	71	5	2	40	30	27	90
43.0102	Law Enforcement, Corrections - Academy	0	0	0	648	491	76	805	486	60	2241	1511	67

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Statewide Summary (2002-2005)

CIP	PROGRAM	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0104	Law Enforcement, Peace Officer - Academic	73	64	88	235	153	65	40	15	38	80	49	61
43.0107	Breath Test Operator	1055	982	93	410	376	92	458	446	97	400	397	99
43.0107	Law Enforcement, Peace Officer - Academy	1587	986	62	1354	1010	75	819	717	88	1789	1347	75
43.0107	Law Enforcement, Reserve Officer - Academy	204	130	64	2	1	50			0			0
43.0201	Fire Protection (Aircraft Rescue)	25	23	92	37	35	95	44	44	100	45	45	100
43.0201	Fire Protection (Arson Investigator)	23	19	83	56	53	95	154	144	94	55	50	91
43.0201	Fire Protection (Inspector)	57	49	86	40	37	92	77	73	95	59	54	92
43.0201	Fire Protection (Officer 1)	17	15	88	31	29	94	73	70	96	123	119	97
43.0201	Fire Protection (Officer 2)	0	0	0	2	2	100	22	22	100	37	37	100
43.0203	Fire Protection (Driver/Operator-Pumper)	59	58	98	148	145	98	112	100	89	124	124	100
43.0203	Fire Protection (Hazardous Materials)	28	26	93	61	60	98	76	75	99	130	127	98
43.0203	Fire Protection (Structure)	711	617	87	950	806	85	1002	846	84	1432	1374	96

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Statewide Summary (2002-2005)

CIP	PROGRAM	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
47.0607	Aircraft Maintenance Technician- Airframe	125	108	86	122	117	96	44	44	100	32	28	88
47.0607	Aircraft Maintenance Technician- General	126	117	93	116	112	97	51	47	92	43	34	79
47.0607	Aircraft Maintenance Technician- Powerplant	95	91	96	82	79	96	57	54	95	31	26	84
51.0205	Deaf Interpreter	37	31	84	60	45	75	53	48	91	53	38	72
51.0602	Dental Hygienist - WREB clinical	199	178	89	208	180	87	271	267	99	255	243	95
51.0801	Medical Assistant	48	28	58	33	21	64	88	51	58	91	58	64
51.0803	Occupational Therapy Assistant	122	118	97	74	73	99	70	64	91	99	95	96
51.0805	Pharmacy Technician	139	112	81	146	114	78	211	161	76	31	31	100
51.0806	Physical Therapy Assistant	332	234	70	326	268	82	140	125	89	201	178	89
51.0808	Veterinary Technician - National Exam	68	52	76	75	62	83	79	73	92	22	17	77
51.0808	Veterinary Technician - Texas Law Exam	61	59	97			0	78	69	88	38	37	97
51.0904	Emergency Medical Technician - Intermediate	3	2	67	104	63	61	254	131	52	280	204	73
51.0904	Emergency Medical Technician Basic	162	148	91	2705	1386	51	2619	1506	58	2578	1800	70
51.0904	Paramedic	3707	3133	85	275	127	46	508	260	51	625	437	70

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Statewide Summary (2002-2005)

CIP PROGRAM	2002			2003			2004			2005		
	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0905 Nuclear Medicine Technology	53	43	81	51	37	73	57	59	104	19	18	95
51.0907 Medical Radiologic Technologist - Radiograph	492	378	77	572	474	83	561	498	89	663	583	88
51.0907 Medical Radiologic Technologist- Radiation Th	15	15	100	17	17	100	19	19	100	36	27	75
51.1601 Nurse, Registered	611	537	88	2604	2352	90	3223	2764	86	3952	3354	85
51.1613 Nurse, LVN	2283	2035	89	2793	2374	85	3072	2731	89	3491	3133	90
51.1614 Nurse Aide	3929	3744	95	5199	5030	97	4726	4646	98	5698	5606	98
51.3104 Dietetic Technician	7	5	71			0	12	7	58			0
52.0405 Court Reporting	72	27	38	40	9	22	69	20	29	51	8	16

Licensure Exam Results
Table II: Results by Program
(2002 – 2005)

Texas Higher Education Coordinating Board
2006 Statewide Licensure Report

Lamar Institute of Technology

CIP	Program	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0102	Law Enforcement, Corrections - Academy				5	4	80%	5	5	100%	8	5	63%
43.0104	Law Enforcement, Peace Officer - Academic												
43.0107	Law Enforcement, Peace Officer - Academy				30	24	80%	47	41	87%	66	46	70%
43.0201	Fire Protection (Arson Investigator)							17	16	94%			
43.0201	Fire Protection (Officer 1)				2	2	100%	1	1	100%			
43.0201	Fire Protection (Inspector)				7	6	86%				1	1	100%
43.0203	Fire Protection (Structure)	21	18	86%	59	44	75%	44	37	84%	40	38	95%
51.0602	Dental Hygienist - WREB clinical	17	16	94%	15	15	100%	15	15	100%	17	17	100%
51.0904	Emergency Medical Technician Basic				55	29	53%	98	52	53%	47	30	64%
51.0904	Paramedic	86	77	90%				12	4	33%	13	6	46%

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Lamar Institute of Technology

CIP	Program	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0904	Emergency Medical Technician - Intermediate							14	8	57%	8	6	75%
51.0907	Medical Radiologic Technologist - Radiograph				26	23	88%	25	19	76%	41	36	88%

Licensure Exam Results
Table IV: Institution Summaries
(2002 – 2005)

Texas Higher Education Coordinating Board
2006 Statewide Licensure Report
Results by Program (2002-2005)

Lamar Institute of Technology

CIP	Program	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0102	Law Enforcement, Corrections - Academy												
	Institution Results				5	4	80%	5	5	100%	8	5	63%
	Statewide Totals	0	0	0%	648	491	76%	805	486	60%	2241	1511	67%
43.0104	Law Enforcement, Peace Officer - Academic												
	Institution Results												
	Statewide Totals	73	64	88%	235	153	65%	40	15	38%	80	49	61%
43.0107	Law Enforcement, Peace Officer - Academy												
	Institution Results				30	24	80%	47	41	87%	66	46	70%
	Statewide Totals	1587	986	62%	1354	1010	75%	819	717	88%	1789	1347	75%
43.0201	Fire Protection (Arson Investigator)												
	Institution Results							17	16	94%			
	Statewide Totals	23	19	83%	56	53	95%	154	144	94%	55	50	91%
43.0201	Fire Protection (Officer 1)												
	Institution Results				2	2	100%	1	1	100%			
	Statewide Totals	17	15	88%	31	29	94%	73	70	96%	123	119	97%

Texas Higher Education Coordinating Board
2006 Statewide Licensure Report
Results by Program (2002-2005)

Lamar Institute of Technology

CIP	Program	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0201	Fire Protection (Inspector)												
	Institution Results				7	6	86%				1	1	100%
	Statewide Totals	57	49	86%	40	37	92%	77	73	95%	59	54	92%
43.0203	Fire Protection (Structure)												
	Institution Results	21	18	86%	59	44	75%	44	37	84%	40	38	95%
	Statewide Totals	711	617	87%	950	806	85%	1002	846	84%	1432	1374	96%
51.0602	Dental Hygienist - WREB clinical												
	Institution Results	17	16	94%	15	15	100%	15	15	100%	17	17	100%
	Statewide Totals	199	178	89%	208	180	87%	271	267	99%	255	243	95%
51.0904	Emergency Medical Technician Basic												
	Institution Results				55	29	53%	98	52	53%	47	30	64%
	Statewide Totals	162	148	91%	2705	1386	51%	2619	1506	58%	2578	1800	70%
51.0904	Paramedic												
	Institution Results	86	77	90%				12	4	33%	13	6	46%
	Statewide Totals	3707	3133	85%	275	127	46%	508	260	51%	625	437	70%

Texas Higher Education Coordinating Board
2006 Statewide Licensure Report
Results by Program (2002-2005)

Lamar Institute of Technology

CIP	Program	2002			2003			2004			2005		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0904	Emergency Medical Technician - Intermediate												
	Institution Results							14	8	57%	8	6	75%
	Statewide Totals	3	2	67%	104	63	61%	254	131	52%	280	204	73 %
51.0907	Medical Radiologic Technologist - Radiograph												
	Institution Results				26	23	88%	25	19	76%	41	36	88%
	Statewide Totals	492	378	77%	572	474	83%	561	498	89%	663	583	88 %

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. Programs with different reporting periods are noted in the licensure exam profiles.
FICE Code	The Federal Interagency Commission on Education (FICE) six-digit identification number for an academic institution. When an institution with one FICE code offers coursework at multiple sites, data has been aggregated to report a single, institution-wide pass rate.
Institution	Name of an institution where a particular instructional program is offered. All institutions in the report are Texas public community and technical colleges.
Licensure Exam	Title of the licensure examination. It is not necessarily equivalent to the title of the instructional program to which the examination relates.
Passed	Number of students successfully passing 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.