

# 2005 STATEWIDE ANNUAL LICENSURE REPORT



Texas Higher Education Coordinating Board  
Community and Technical Colleges Division  
Austin, Texas  
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# 2005 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 75<sup>th</sup> 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 2005, 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 2003-2004 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 *2005 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, 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, 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)
- 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.
- **Child Care Administrator**  
The Texas Department of Family and Protective Services suspended its licensure examination for candidates in this field during the 2002-2003 school year while a new exam was developed. The agency will participate in the 2005 Licensure Report.
- **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, 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**  
**(2001 – 2004)**

Texas Higher Education Coordinating Board  
 2005 Statewide Annual Licensure Report  
 Statewide Summary (2001-2004)

CIP	PROGRAM	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
02.0301	Food Protection Manager			0	542	416	77	387	267	69			0
12.0300	Funeral - Texas Law Exam	34	34	100	14	11	79			0	11	9	82
12.0301	Funeral Director	6	4	67	21	10	48			0	22	14	64
12.0301	Funeral Director-Embalmer	32	17	53	35	21	60	8	5	62	7	3	43
12.0301	Funeral Embalmer	14	3	21	13	6	46	4	0	0	27	16	59
12.0402	Barber/Hairstylist	25	25	100	18	16	89	11	11	100			0
12.0403	Cosmetologist	982	778	79	154	130	84	1255	1002	80	1317	917	70
12.0405	Massage Therapy	153	105	69	193	141	73	215	154	72	216	177	82
12.0413	Cosmetology Instructor	53	25	47			0			0			0
12.0503	Food Protection Manager - Culinary Arts			0	3542	2828	80	3562	2462	69	3491	2560	73
15.1100	Land Surveying			0			0			0			0
15.1100	Land Surveying - Analytical Exam	22	14	64	41	17	41	30	17	57	19	11	58
15.1100	Land Surveying - Legal Exam	18	13	72	25	13	52	22	13	59	13	7	54
19.0708	Child Care Administrator	8	4	50	4	4	100			0			0

Texas Higher Education Coordinating Board  
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Statewide Summary (2001-2004)

CIP	PROGRAM	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0102	Law Enforcement, Corrections - Academic	99	32	32	59	25	42	17	12	71	5	2	40
43.0102	Law Enforcement, Corrections - Academy	410	286	70			0	648	491	76	805	486	60
43.0104	Law Enforcement, Peace Officer - Academic	261	183	70	73	64	88	235	153	65	40	15	38
43.0107	Breath Test Operator	468	460	98	1055	982	93	410	376	92	458	446	97
43.0107	Law Enforcement, Peace Officer - Academy	1506	1124	75	1587	986	62	1354	1010	75	819	717	88
43.0107	Law Enforcement, Reserve Officer - Academy	453	304	67	204	130	64	2	1	50			0
43.0201	Fire Protection (Aircraft Rescue)	17	17	100	25	23	92	37	35	95	44	44	100
43.0201	Fire Protection (Arson Investigator)	41	38	93	23	19	83	56	53	95	154	144	94
43.0201	Fire Protection (Inspector)	56	55	98	57	49	86	40	37	92	77	73	95
43.0201	Fire Protection (Officer 1)			0	17	15	88	32	30	94	74	71	96
43.0201	Fire Protection (Officer 2)			0			0	1	1	100	21	21	100
43.0203	Fire Protection (Driver/Operator-Pumper)	85	72	85	59	58	98	148	145	98	112	100	89
43.0203	Fire Protection (Hazardous Materials)	19	19	100	28	26	93	61	60	98	76	75	99
43.0203	Fire Protection (Structure)	717	627	87	711	617	87	950	806	85	1002	846	84

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 Statewide Summary (2001-2004)

CIP	PROGRAM	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
47.0607	Aircraft Maintenance Technician- Airframe	82	75	91	125	108	86	122	117	96	44	44	100
47.0607	Aircraft Maintenance Technician- General	87	79	91	126	117	93	116	112	97	51	47	92
47.0607	Aircraft Maintenance Technician- Powerplant	80	76	95	95	91	96	82	79	96	57	54	95
51.0205	Deaf Interpreter	56	27	48	37	31	84	60	45	75	53	48	91
51.0602	Dental Hygienist - WREB clinical			0	199	178	89	208	180	87	271	267	99
51.0801	Medical Assistant	47	18	38	48	28	58	33	21	64	88	51	58
51.0803	Occupational Therapy Assistant			0	122	118	97	74	73	99	70	64	91
51.0805	Pharmacy Technician			0	117	90	77	125	93	74	178	128	72
51.0806	Physical Therapy Assistant	129	94	73	332	234	70	326	268	82	140	125	89
51.0808	Veterinary Technician - National Exam	71	53	75	68	52	76	75	62	83	79	73	92
51.0808	Veterinary Technician - Texas Law Exam	63	60	95	61	59	97			0	78	69	88
51.0904	Emergency Medical Technician - Intermediate	37	30	81	3	2	67	104	63	61	254	131	52
51.0904	Emergency Medical Technician Basic	101	92	91	162	148	91	2705	1386	51	2619	1506	58
51.0904	Paramedic	3639	3249	89	3707	3133	85	275	127	46	508	260	51

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 Statewide Summary (2001-2004)

CIP PROGRAM	2001			2002			2003			2004		
	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0905 Nuclear Medicine Technology	49	43	88	53	43	81	51	37	73	57	59	104
51.0907 Medical Radiologic Technologist - Radiograph	551	439	80	492	378	77	572	474	83	561	498	89
51.0907 Medical Radiologic Technologist- Radiation T	17	17	100	15	15	100	17	17	100	19	19	100
51.1601 Nurse, Registered	2525	2227	88	611	537	88	2604	2352	90	3223	2764	86
51.1613 Nurse, LVN	2049	1800	88	2283	2035	89	2793	2374	85	3097	2739	88
51.1614 Nurse Aide	3076	2546	83	3929	3744	95	5199	5030	97	4726	4646	98
51.3104 Dietetic Technician			0	7	5	71			0	12	7	58
52.0405 Court Reporting	46	10	22	72	27	38	40	9	22	69	20	29

**Licensure Exam Results**  
**Table III: Results by Institution**  
**(2001 – 2004)**

Texas Higher Education Coordinating Board  
2005 Statewide Licensure Report

## Lamar Institute of Technology

CIP	Program	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0102	Law Enforcement, Corrections - Academy							5	4	80%	5	5	100%
43.0104	Law Enforcement, Peace Officer - Academic												
43.0107	Law Enforcement, Peace Officer - Academy							30	24	80%	47	41	87%
43.0201	Fire Protection (Inspector)							7	6	86%			
43.0201	Fire Protection (Arson Investigator)										17	16	94%
43.0201	Fire Protection (Officer 1)							2	2	100%	1	1	100%
43.0203	Fire Protection (Structure)	47	38	81%	21	18	86%	59	44	75%	44	37	84%
51.0602	Dental Hygienist - WREB clinical				17	16	94%	15	15	100%	15	15	100%
51.0904	Emergency Medical Technician Basic							55	29	53%	98	52	53%
51.0904	Emergency Medical Technician - Intermediate										14	8	57%

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2005 Statewide Licensure Report

## Lamar Institute of Technology

CIP	Program	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0904	Paramedic	53	40	75%	86	77	90%				12	4	33%
51.0907	Medical Radiologic Technologist - Radiograph							26	23	88%	25	19	76%



**Licensure Exam Results**  
**Table IV: Institution Summaries**  
**(2001 – 2004)**

Texas Higher Education Coordinating Board  
 2005 Statewide Licensure Report  
 Results by Program (2001-2004)

## Lamar Institute of Technology

CIP	Program	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0102	Law Enforcement, Corrections - Academy												
	Institution Results							5	4	80%	5	5	100%
	Statewide Totals	410	286	70%			0%	648	491	76%	805	486	60%
43.0104	Law Enforcement, Peace Officer - Academic												
	Institution Results												
	Statewide Totals	261	183	70%	73	64	88%	235	153	65%	40	15	38%
43.0107	Law Enforcement, Peace Officer - Academy												
	Institution Results							30	24	80%	47	41	87%
	Statewide Totals	1506	1124	75%	1587	986	62%	1354	1010	75%	819	717	88%
43.0201	Fire Protection (Inspector)												
	Institution Results							7	6	86%			
	Statewide Totals	56	55	98%	57	49	86%	40	37	92%	77	73	95%
43.0201	Fire Protection (Arson Investigator)												
	Institution Results										17	16	94%
	Statewide Totals	41	38	93%	23	19	83%	56	53	95%	154	144	94%

Texas Higher Education Coordinating Board  
 2005 Statewide Licensure Report  
 Results by Program (2001-2004)

## Lamar Institute of Technology

CIP	Program	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
43.0201	Fire Protection (Officer 1)												
	Institution Results							2	2	100%	1	1	100%
	Statewide Totals			0%	17	15	88%	32	30	94%	74	71	96%
43.0203	Fire Protection (Structure)												
	Institution Results	47	38	81%	21	18	86%	59	44	75%	44	37	84%
	Statewide Totals	717	627	87%	711	617	87%	950	806	85%	1002	846	84%
51.0602	Dental Hygienist - WREB clinical												
	Institution Results				17	16	94%	15	15	100%	15	15	100%
	Statewide Totals			0%	199	178	89%	208	180	87%	271	267	99%
51.0904	Emergency Medical Technician Basic												
	Institution Results							55	29	53%	98	52	53%
	Statewide Totals	101	92	91%	162	148	91%	2705	1386	51%	2619	1506	58%
51.0904	Emergency Medical Technician - Intermediate												
	Institution Results										14	8	57%
	Statewide Totals	37	30	81%	3	2	67%	104	63	61%	254	131	52%

Texas Higher Education Coordinating Board  
 2005 Statewide Licensure Report  
 Results by Program (2001-2004)

## Lamar Institute of Technology

CIP	Program	2001			2002			2003			2004		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0904	Paramedic												
	Institution Results	53	40	75%	86	77	90%				12	4	33%
	Statewide Totals	3639	3249	89%	3707	3133	85%	275	127	46%	508	260	51%
51.0907	Medical Radiologic Technologist - Radiograph												
	Institution Results							26	23	88%	25	19	76%
	Statewide Totals	551	439	80%	492	378	77%	572	474	83%	561	498	89%

**Appendix A**  
**Explanatory Notes for Tables**

## Explanatory Notes for Tables

<b>CIP Code</b>	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.
<b>Dates</b>	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.
<b>FICE Code</b>	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.
<b>Institution</b>	Name of an institution where a particular instructional program is offered. All institutions in the report are Texas public community and technical colleges.
<b>Licensure Exam</b>	Title of the licensure examination. It is not necessarily equivalent to the title of the instructional program to which the examination relates.
<b>Passed</b>	Number of students successfully passing the particular licensure examination. This information normally comes from the agency that administers the licensure examination.
<b>Program</b>	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.
<b>Reporting Agency</b>	An external agency, which grants authorization to practice in a particular occupational field after passage of a formal examination relating to that specific field.
<b>Tested</b>	Number of students who took the particular licensure examination. This information normally comes from the agency that administers the licensure examination.