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ABSTRACT

This report provides the licensure examination results for two-year technical associate degree and one-year certificate programs that lead to professions requiring licensure. The Texas Higher Education Coordinating Board uses this information as part of its overall assessment of the effectiveness of technical education programs at community and technical colleges in the state. The percentage of students who pass a licensure exam is one of nine performance measures that Texas community colleges are required to report annually. This report includes data on the following programs that require licensure examinations: cosmetology, court reporting, fire protection, funeral directing, embalming, interpreting for the deaf, law enforcement, massage therapist, nursing assistance, nursing, occupational therapy assistance, and physical therapy assistance. Table 1 provides a statewide summary. It lists all programs and the percent tested and passed for 1995-98. Passing percentages in 1998 range from 23% in Court Reporting to 100% in Fire Protection (Aircraft Rescue). Table 2 offers results by program and institution. For each program, the report lists all colleges where the program was offered and the percent tested/passed for each college from 1995-98. Appendix A provides explanatory notes for the tables, and Appendix B gives profiles of licensure examinations. (RDG)

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Texas Higher Education Coordinating Board
Community and Technical Colleges Division

Austin, Texas

August 1999

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Table of Contents

Introduction	1
Methodology	2
Limitations	2
Licensure Exam Results	
Table I Statewide Summary (1995-1998)	I-1
Table II Results by Program (1995-1998)	II-1
Table III Results by Institution (1995-1998)	III-1
Table IV Institution Summaries (1995-1998)	IV-1
Appendices	
Appendix A Explanatory Notes for Tables	A-1
Appendix B Profiles of Licensure Examinations	B-1

1999 Statewide Annual Licensure Report

Introduction

This report provides the licensure examination results for two-year technical associate degrees and one-year certificate programs that lead to professions requiring licensure. The Texas Higher Education Coordinating Board uses this information as part of its overall assessment of the effectiveness of technical 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 specified performance measure of programs at community and technical colleges. Subsequently, the 75th Texas Legislature enacted House Bill 2517, which requires that public community colleges. Effective September 1, 1997, the Texas Legislature requires that public community colleges annually report nine performance measures beginning September 1, 1997. One of those measures is the percentage of students who pass a licensure exam.

Licensure examinations test a person's knowledge to ensure a certain level of competence. By testing, the state or professional organization that awards the license helps safeguard the public from injury by the practitioner. The Coordinating Board recognizes that the success rate for licensure is an integral part of the overall success of many technical programs. This report adds to the ongoing process of continuous improvement and promotion of accountability in Texas community and technical college programs.

Methodology

In May 1997, the Coordinating Board staff contacted the agencies and professional organizations that had provided examination results for the 1997 *Statewide Annual Licensure Report* (1996 data). For the 1999 *Licensure Report*, the Coordinating Board staff requested that the agencies and professional organizations provide results for examinations administered in the 1998 calendar year. The requested data included the number of individuals who took the test and the number of individuals who passed the test.

The 1999 *Statewide Annual Licensure Report* includes data on the following 15 licensure examinations:

!	Cosmetology	!	Law Enforcement (Academy)
!	Court Reporting	!	Massage Therapist
!	Fire Protection (Arson, Inspector)	!	Nurse Aide
!	Fire Protection (Structure)	!	Nurse, Licensed Vocational
!	Funeral Directing	!	Nurse, Registered
!	Embalming	!	Occupational Therapy Assistant
!	Interpreter for the Deaf	!	Physical Therapy Assistant
!	Law Enforcement		

Limitations

Several professions were not included in the study because licensure information was incomplete. Some state licensing agencies and professional organizations do not track candidates' schools. These programs are as follows:

! Air Conditioning and Refrigeration

The agency that maintains data on this profession is the Texas Department of Licensing and Regulation, and it does not currently track licensure data by college.

! Child Care Administration

The Department of Health and Human Services maintains records for this field. Experience and course work are required to enter the field, and DHS focuses more on tracking experience than course work. Licensure data by college is not available at this time.

! Dental Hygienist

Records for this field are maintained by the regional testing organization, the Western Regional Examining Board. As of 1996, the Western Regional Examining Board sends only individual scores to candidates' institutions. The Coordinating Board is attempting to receive test scores in the future.

! **Emergency Medical Technology**

This program was not included in the study because licensure information is incomplete. The Texas Department of Health, which is the agency that maintains data on this licensure examination, was not able to provide the requested data. The agency explained that it would be a significant administrative burden to create a report of aggregated results by institution for the Emergency Care licensure examinations. However, the Texas Department of Health indicated that they expected new computer equipment for the upcoming year that would enable such reporting in the future.

! **Insurance Agent**

The Texas Department of Insurance does not maintain records by college for this profession.

! **Land Surveyor**

The Texas Board of Professional Land Surveyors, charged with tracking licensure, requires experience and course work to enter the field, but the TBPLS focuses more on tracking experience than course work. Therefore, licensure data by school is not available at this time.

! **Medical Radiologic Technology**

Data for this profession is maintained by the national professional organization, the American Registry of Radiologic Technologists. As of July 1996, the ARRT sends individual scores only to test candidates' institutions. The Coordinating Board will try to get test scores in the future.

! **Real Estate Broker/Sales Agent**

Currently, the Texas Real Estate Commission does not maintain data for licensure rates of participating community colleges

! **Respiratory Therapy Technician**

Data for this profession is maintained by the national professional organization, the National Board for Respiratory Care. As of 1996, the NBRC sends only individual scores to test candidates' institutions. The Coordinating Board is attempting to receive scores in the future.

! **Security Guard**

More than 20 community colleges offer training for private security guards but the Texas Board of Private Investigators and Private Security Agencies does not maintain licensure rates by participating community colleges.

! **Social Worker**

The Texas Department of Health does not track licensure results by school for social workers with associate degrees. Data is only maintained for social workers with bachelors' or advanced degrees.

! **Underground Storage Tank Installer**

El Paso Community College offered a course in this profession in the past, and other community colleges may offer the course in the future. Presently, the Texas Natural Resource Conservation Commission does not maintain licensure rates for El Paso Community College.

Licensure Exam Results

Table I Statewide Summary (1995-1998)

Texas Higher Education Coordinating Board
1999 Statewide Annual Licensure Report
Statewide Summary (1995-1998)

CIP PROGRAM	1995			1996			1997			1998		
	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
12.0301 Funeral Directing	2	2	100%							0		
12.0402 Barber/Hairstylist	30	29	97%	19	15	79%	17	12	71%	12	11	92%
12.0403 Cosmetology	1573	1269	81%	1240	998	81%	1086	933	85%	881	762	87%
12.0405 Massage Therapy	72	57	72%	86	57	65%	89	60	66%	81	72	89%
43.0104 Law Enforcement-Criminal Justice (1011)				207	151	49%	339	250	69%	612	463	59%
43.0107 Law Enforcement Academy (1000/1004)	2175	1417	55%	1116	792	69%	899	566	66%	1160	793	84%
43.0201 Fire Protection (Aircraft Rescue)							24	23	96%	27	27	100%
43.0201 Fire Protection (Arson Investigator)				40	32	79%	81	75	89%	60	53	82%
43.0201 Fire Protection (Inspector)							37	33	89%	33	32	96%
43.0203 Fire Protection (Structure)	385	351	91%	585	530	89%	598	529	87%	525	499	94%
47.0607 Aircraft Mechanic - Airframe										135	123	96%
47.0607 Aircraft Mechanic - General										132	115	86%
47.0607 Aircraft Mechanic - Powerplant										105	92	85%
51.0205 Deaf Interpreter	49	33	67%	59	34	56%	33	18	47%	39	17	36%
51.0803 Occupational Therapy Assistant	139	119	88%	98	95	98%	111	106	96%	116	110	96%

Table 1

Texas Higher Education Coordinating Board
 1999 Statewide Annual Licensure Report
 Statewide Summary (1995-1998)

CIP PROGRAM	1995			1996			1997			1998		
	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
51.0806 Physical Therapy Assistant	251	205	83%	233	214	200%	238	195	82%	298	218	74%
51.0904 Emergency Medical/Paramedic				1682	1377	82%	1934	1684	87%	1979	1574	81%
51.1601 Nurse, Registered	3550	3285	93%	3310	2983	90%	3006	2682	89%	2764	2475	89%
51.1613 Nurse, LVN	3129	2928	94%	3165	2963	94%	2666	2419	92%	2736	2463	91%
51.1614 Nurse Aide	4848	4512	80%	4633	4324	93%	4865	4492	93%	3791	3545	91%
52.0405 Court Reporting	156	62	35%	123	35	29%	108	32	28%	94	18	23%

Table 1

Licensure Exam Results

Table II Results by Program (1995-1998)

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Aircraft Mechanic - Airframe

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003608	ACCD - St Phillips College										16	15	94%
003540	Amarillo College										1	1	100%
010633	Houston Community College										56	49	88%
009797	Midland College										6	6	100%
010964	Tarrant County Junior College - Northwest										42	38	90%
009225	Texas State Technical College - Harlingen										1	1	100%
009932	Texas State Technical College - Sweetwater										6	6	100%
003634	Texas State Technical College - Waco										7	7	100%
	Total										135	123	91%

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Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Aircraft Mechanic - General

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003608	ACCD - St Phillips College										15	13	87%
003540	Amarillo College										3	2	67%
010633	Houston Community College										57	51	89%
009797	Midland College										0		
010964	Tarrant County Junior College - Northwest										40	34	85%
009225	Texas State Technical College - Harlingen										3	3	100%
009932	Texas State Technical College - Sweetwater										8	6	75%
003634	Texas State Technical College - Waco										6	6	100%
	Total										132	115	87%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Aircraft Mechanic - Powerplant

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003608	ACCD - St. Phillips College										8	6	75%
003540	Amarillo College										0		
010633	Houston Community College										56	48	86%
009797	Midland College										2	1	50%
010964	Tarrant County Junior College - Northwest										28	27	96%
009225	Texas State Technical College - Harlingen										1	1	100%
009932	Texas State Technical College - Sweetwater										2	2	100%
003634	Texas State Technical College - Waco										8	7	88%
	Total										105	92	88%

Table II



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Barber/Hairstylist

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
004003	Central Texas College	30	29	97%	19	15	79%	17	12	79%	12	11	92%
	Total	30	29	97%	19	15	79%	17	12	71%	12	11	92%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Cosmetology

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
012015	Austin Community College	7	6	86%	5	5	100%	36	31	100%			
003549	Blinn College	31	29	94%	17	17	100%						
003553	Cisco Junior College				13	8	62%	9	5	62%	12	10	83%
003554	Clarendon College	12	9	75%	2	1	50%						
003546	Coastal Bend (Formerly Bee County)	5	4	80%	30	26	87%	31	26	87%	16	14	88%
007096	College of the Mainland	74	44	59%	55	38	69%	30	25	69%	27	21	78%
003563	Del Mar College	20	20	100%	33	29	88%	31	29	88%	7	7	100%
003568	Frank Phillips College	35	26	74%	23	20	87%	15	10	87%	19	16	84%
003570	Grayson County College	21	18	86%	22	20	91%	13	12	91%	13	11	85%
003574	HCJCD - Howard College	50	37	74%	60	45	75%	38	32	75%	33	28	85%
003573	Hill College	99	76	77%	135	106	79%	39	32	79%	39	30	77%
010633	Houston Community College	153	106	69%	59	47	80%	166	143	80%	176	151	86%
003580	Kilgore College	118	96	81%	92	68	74%	80	61	74%	61	48	79%
023485	Lamar State College - Port Arthur	60	43	72%	81	64	79%	21	16	79%	35	29	83%
003583	Lee College	41	37	90%	26	24	92%	30	29	92%	29	27	93%
003590	McLennan Community College	60	48	80%	41	35	85%	44	41	85%	38	37	97%
000719	NHMCDD - Kingwood College	33	30	91%	31	25	81%	24	24	81%	21	19	90%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Cosmetology

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
		000722	NHMCCD - North Harris College	84	71	85%	51	40	78%	35	31	78%	22
003558	North Central Texas College	18	15	83%	16	13	81%	20	18	81%	14	11	79%
023154	Northeast Texas Community College	31	27	87%	14	11	79%	13	10	79%	8	8	100%
003596	Odessa College	61	43	70%	36	24	67%	35	31	67%	18	17	94%
003600	Panola College	12	8	67%	8	6	75%	20	18	75%	22	21	95%
003601	Paris Junior College	31	24	77%	16	15	94%	23	21	94%	9	8	89%
003603	Ranger College	38	37	97%	30	23	77%	16	13	77%	17	14	82%
003609	San Jacinto College - Central	65	61	94%	54	45	83%	47	39	83%	33	28	85%
012713	San Jacinto College - North	57	53	93%	40	37	93%	55	51	93%	32	30	94%
000090	San Jacinto College - South	92	83	90%	53	46	87%	40	35	87%	29	27	93%
003611	South Plains College	23	16	70%	16	11	69%	20	17	69%	24	19	79%
003614	Southwest Texas Junior College	11	7	64%	14	12	86%	10	7	86%	4	3	75%
003628	Texarkana College	30	21	70%	16	11	69%	20	16	69%	27	25	93%
003572	Trinity Valley Community College	62	50	81%	50	42	84%	46	39	84%	33	29	88%
010060	Vernon Regional Junior College	72	68	94%	44	33	75%	32	31	75%	17	13	76%
003664	Weatherford College	41	38	93%	35	34	97%	22	20	97%	26	24	92%
009549	Western Texas College	3	3	100%									

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Cosmetology

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003668	Wharton County Junior College	23	15	65%	22	17	77%	25	20	77%	20	17	85%
	Total	1,573	1,269	81%	1,240	998	80%	1,086	933	86%	881	762	86%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Court Reporting

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College	28	11	39%	16	4	25%	21	1	25%	23	3	13%
003539	Alvin Community College	63	30	48%	36	13	36%	26	11	36%	14	5	36%
003540	Amarillo College	9	1	11%	4	2	50%	17	7	50%	8	3	38%
003563	Del Mar College	12	5	42%	4	1	25%	7	3	25%	11	3	27%
010387	El Paso Community College	27	7	26%	16	2	13%	11	0	13%	8	1	13%
010633	Houston Community College	17	8	47%	47	13	28%	26	10	28%	30	3	10%
	Total	156	62	40%	123	35	28%	108	32	30%	94	18	19%



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Deaf Interpreter

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College	0			9	3	33%						
012015	Austin Community College	5	4	80%	8	6	75%	5	1	20%	0		
008510	DCCCD - Eastfield College	5	2	40%	2	1	50%	1	1	100%	4	0	0%
010387	El Paso Community College	10	7	70%	7	3	43%	3	0	0%	4	2	50%
000574	HCJCD - Southwest Collegiate Institute	4	3	75%	6	3	50%				4	4	100%
010633	Houston Community College	25	17	68%	4	3	75%				6	3	50%
003590	McLenan Community College										2	0	0%
010964	Tarrant County Junior College - Northwest	0			23	15	65%	24	16	67%	16	8	50%
010060	Tyler Junior College										3	0	0%
	Total	49	33	67%	59	34	58%	33	18	55%	39	17	44%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Emergency Medical/Paramedic

FICE	Institution	1995			1996			1997			1998			
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	
003608	ACCD - St Phillip's College											62	57	92%
003539	Alvin Community College				5	5	100%	25	24	100%		24	22	92%
012015	Austin Community College				46	46	100%	101	94	100%		153	139	91%
003549	Blinn College											63	57	90%
007857	Brazosport College				102	82	80%	61	48	80%		33	23	70%
007096	College of the Mainland				63	43	68%	72	62	68%		87	70	80%
003561	DCCCD - Cedar Valley College							19	17			13	8	62%
003563	Del Mar College				63	50	79%	66	51	79%		154	117	76%
006662	Galveston College				6	5	83%	23	19	83%		19	15	79%
003574	HJCJD - Howard College				1	1	100%	49	46	100%		42	32	76%
003573	Hill College											44	42	95%
010633	Houston Community College				341	303	89%	309	281	89%		196	157	80%
003580	Kilgore College				79	57	72%	152	127	72%		147	105	71%
003582	Laredo Community College				43	32	74%	52	40	74%		6	5	83%
003583	Lee College				29	24	83%	7	6	83%		30	28	93%
009797	Midland College				41	32	78%	53	48	78%		50	47	94%
000721	NHMCCD - Montgomery College				38	32	84%	104	78	84%		44	30	68%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Emergency Medical/Paramedic

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
000722	NHMCCD - North Harris College				39	34	87%	24	20	87%	36	34	94%
023154	Northeast Texas Community College				9	8	89%	31	26	89%	10	9	90%
003609	San Jacinto College - Central				201	171	85%	136	128	85%	208	164	79%
012713	San Jacinto College - North				168	129	77%	98	87	77%	67	57	85%
109225	South Texas Community College				86	59	69%	212	182	69%	134	76	57%
003628	Texarkana College				20	16	80%	22	18	80%	13	12	92%
009225	Texas State Technical College - Harlingen				9	6	67%	38	36	67%	82	58	71%
010060	Vernon Regional Junior College				117	98	84%	99	81	84%	82	67	82%
003662	Victoria College				71	65	92%	69	65	92%	120	97	81%
003664	Weatherford College				66	51	77%	27	23	77%	33	21	64%
003668	Wharton County Junior College				39	28	72%	85	77	72%	27	25	93%
	Total				1,682	1,377	82%	1,934	1,684	87%	1,979	1,574	80%

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Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Fire Protection (Aircraft Rescue)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
006661	Amarillo College							24	23		27	27	100%
	Total						24	23	96%	27	27	100%	

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Fire Protection (Arson Investigator)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
007096	College of the Mainland				9	6	67%	5	4	67%	6	2	33%
023614	Collin County Community College				5	4	80%			80%	16	14	88%
010633	Houston Community College							47	45		21	21	100%
003609	San Jacinto College - Central				14	11	79%	14	11	79%	7	7	100%
003664	Weatherford College							15	15				
003668	Wharton County Junior College				12	11	92%			92%	10	9	90%
	Total				40	32	80%	81	75	93%	60	53	88%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Fire Protection (Inspector)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College										5	4	80%
003540	Amarillo College										1	1	100%
012015	Austin Community College										1	1	100%
007096	College of the Mainland										13	13	100%
023614	Collin County Community College										13	13	100%
010633	Houston Community College							29	26				
358135	Lamar Institute Of Technology							8	7				
	Total							37	33	89%	33	32	97%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Fire Protection (Structure)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College	82	75	91%	92	85	92%	66	56	92%	68	66	97%
003540	Amarillo College	36	36	100%	50	50	100%	23	23	100%	34	34	100%
012015	Austin Community College	33	24	73%	26	23	88%	47	39	88%	48	47	98%
007096	College of the Mainland	21	18	86%	63	55	87%	26	18	87%	25	23	92%
023614	Collin County Community College	48	42	88%	41	41	100%	42	41	100%	33	33	100%
010633	Houston Community College							71	70				
003580	Kilgore College	22	22	100%	103	84	82%	98	81	82%	86	81	94%
358135	Lamar Institute of Technology	75	73	97%	43	36	84%	45	37	84%	26	24	92%
003651	Lamar University - Beaumont	0			43	36	84%	45	38	84%	26	25	96%
003590	McLennan Community College										38	38	100%
009797	Midland College										11	9	82%
003596	Odessa College							19	14		22	18	82%
003609	San Jacinto College - Central	20	19	95%	68	63	93%	28	22	93%	42	36	86%
010964	Tarrant County Junior College - Northwest	48	42	88%	93	89	96%	92	89	96%	81	79	98%
003628	Texarkana College												
009225	Texas State Technical College - Harlingen												
010060	Vernon Regional Junior College				6	4	67%	6	4	67%			

Table II



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Fire Protection (Structure)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003662	Victoria College							20	20				
009549	Wharton County Junior College							15	15		11	100%	
	Total	385	351	91%	628	566	90%	643	567	88%	551	524	95%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Funeral Directing

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College	2	2	100%	0			0			0		
003540	Amarillo College												
	Total	2	2	100%	0			0			0		

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Law Enforcement Academy (1000/1004)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College	222	182	82%	1	1	100%	5	4	100%	183	142	78%
003539	Alvin Community College	78	48	62%	71	45	63%	51	14	63%	63	28	44%
003540	Amarillo College	41	30	73%	54	45	83%			83%	0		
006661	Angelina College	127	73	57%	55	28	51%			51%			
012015	Austin Community College							1	1				
007857	Brazosport College			0%	16	16	100%			100%			
004003	Central Texas College	86	59	69%	49	36	73%	116	103	73%	97	83	86%
007096	College of the Mainland	27	16	59%	16	15	94%	17	11	94%	7	26	371%
023614	Collin County Community College	80	74	93%	51	49	96%			96%			
003561	DCCCD - Cedar Valley College	87	56	64%	15	5	33%			33%			
008510	DCCCD - Eastfield College	26	11	42%				41	28		45	31	69%
003563	Del Mar College	121	79	65%	62	40	65%	112	35	65%	104	58	56%
010387	El Paso Community College	33	28	85%	50	42	84%			84%			
006662	Galveston College	84	54	64%									
003570	Grayson County College	43	24	56%	44	20	45%			45%			
010633	Houston Community College	96	73	76%	87	66	76%			76%			
003580	Kilgore College	131	107	82%	111	100	90%	143	115	90%	166	130	78%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Law Enforcement Academy (1000/1004)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003582	Laredo Community College	30	15	50%	46	28	61%	54	39	61%	61	50	82%
003590	McLennan Community College			0%	18	9	50%						
009797	Midland College			0%									
003593	Navarro College	48	23	48%	25	12	48%	32	24	48%	74	45	61%
000722	NHIMCCD - North Harris College	123	62	50%	7	3	43%				37	19	51%
023154	Northeast Texas Community College			0%				19	8		13	14	108%
003596	Odessa College	106	66	62%	86	56	65%	75	38	65%	49	26	53%
003611	South Plains College	33	13	39%	20	12	60%	1	1	60%	47	29	62%
003614	Southwest Texas Junior College	35	32	91%	34	32	94%						
010964	Tarrant County Junior College - Northwest	139	94	68%	76	56	74%	117	85	74%	104	53	51%
003643	Texas Southmost College	202	94	47%									
003648	Tyler Junior College			0%									
010060	Vernon Regional Junior College	1	1	100%									
003662	Victoria College	88	58	66%	57	40	70%						
003664	Weatherford College	55	24	44%	25	10	40%	66	35	40%	72	44	61%
003668	Wharton County Junior College	33	21	64%	40	26	65%	49	25	65%	38	15	39%
	Total	2,175	1,417	65%	1,116	792	71%	899	566	63%	1,160	793	68%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Law Enforcement-Criminal Justice (1011)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College				14	11	79%	44	25	79%	77	43	56%
012015	Austin Community College				34	28	82%			82%			
034546	Coastal Bend (Formerly Bee County)				12	5	42%			42%			
003563	Del Mar College				1	0	0%	2	0	0%	11	3	27%
003573	Hill College				13	9	69%			69%			
010633	Houston Community College				4	0	0%			0%			
003580	Kilgore College				17	10	59%	126	118	59%	234	215	92%
358135	Lamar University - Beaumont										17	9	53%
003582	Laredo Community College				8	5	63%	46	18	63%	61	47	77%
003593	Navarro College				2	1	50%	12	8	50%	129	98	76%
000722	NHMCDD - North Harris College				7	4	57%			57%			
023154	Northeast Texas Community College				56	54	96%	36	28	96%	15	9	60%
003596	Odessa College							31	19		19	2	11%
003611	South Plains College				29	21	72%	7	6	72%	26	25	96%
010964	Tarrant County Junior College - Northwest				1	0	0%	6	6	0%	7	6	86%
003627	Temple College				2	1	50%			50%			
003648	Tyler Junior College				5	1	20%			20%			

Table II



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Law Enforcement-Criminal Justice (1011)

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003664	Weatherford College							28	21		9	4	44%
003668	Wharton County Junior College				2	1	50%	1	1	50%	7	2	29%
	Total				207	151	73%	339	250	74%	612	463	76%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Massage Therapy

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003608	ACCD - St Phillips College	57	48	84%	53	35	66%	55	36	66%	25	20	80%
003539	Alvin Community College	15	9	60%	28	19	68%	29	21	68%	14	14	100%
007857	Brazosport College						60%				5	4	84%
010387	El Paso Community College				5	3		5	3		19	16	80%
009797	Midland College										18	18	100%
	Total	72	57	79%	86	57	66%	89	60	67%	81	72	89%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse Aide

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College	29	27	93%	45	41	91%				0		
003608	ACCD - St. Phillip's College	61	53	87%	83	75	90%	62	50	80%	0		
003539	Alvin Community College	24	24	100%	25	25	100%	20	18	100%	11	10	91%
003540	Amarillo College	88	81	92%	113	109	96%	116	110	96%	140	137	98%
006661	Angelina College	672	623	93%	523	513	98%	523	499	98%	413	389	94%
012015	Austin Community College	24	23	96%	54	53	98%	40	38	98%	84	81	96%
003549	Blinn College	34	34	100%	0			0			0		
004003	Central Texas College	73	69	95%	57	53	93%	31	31	93%	37	37	100%
003554	Clarendon College	8	4	50%	9	4	44%	0			0		
003546	Coastal Bend (Formerly Bee County)	76	67	88%	110	101	92%	176	128	92%	0		
004453	DCCCD - El Centro College	1	1	100%	0			24	23		7	7	100%
003563	Del Mar College	130	120	92%	176	160	91%	338	299	91%	303	277	91%
010387	El Paso Community College	85	83	98%	82	80	98%	89	88	98%	51	44	86%
003568	Frank Phillips College	15	14	93%	26	24	92%	22	22	92%	44	43	98%
006662	Galveston College	23	23	100%	37	36	97%	56	50	97%	0		
003570	Grayson College	36	36	100%	25	25	100%	30	29	100%	19	19	100%
003574	HCJCD - Howard College	133	119	89%	255	226	89%				45	35	78%

Table II



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse Aide

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003573	Hill College	11	10	91%	11	10	91%	0			0		
010633	Houston Community College	38	38	100%	35	35	100%	43	41		46	44	96%
003580	Kilgore College	186	184	99%	145	143	99%	155	152		150	144	96%
023582	Lamar State College - Orange	149	147	99%	67	67	100%	87	84		100	100	100%
023485	Lamar State College - Port Arthur	0			43	43	100%	79	78		44	42	95%
003651	Lamar University - Beaumont	0			0			48	48		0		
003582	Laredo Community College	0		0%	106	106	100%	76	76		58	56	97%
003583	Lee College	269	250	93%	241	217	90%	206	197		106	99	93%
003590	McLennan Community College	159	149	94%	133	126	95%	160	149		124	119	96%
009797	Midland College	117	105	90%	86	73	85%	85	79		79	73	92%
003593	Navarro College	42	31	74%	44	34	77%	59	47		26	23	88%
000719	NHMCCD - Kingwood College	101	96	95%	100	95	95%	118	111				
000721	NHMCCD - Montgomery College	0			0			24	23		0		
000722	NHMCCD - North Harris College	112	101	90%	121	97	80%	62	57		84	72	86%
000720	NHMCCD - Tomball College			0%	8	8	100%	44	43				
003558	North Central Texas College	31	31	100%	71	69	97%	71	70		28	27	96%
023154	Northeast Texas Community College			0%	75	70	93%	104	97		103	95	92%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse Aide

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003596	Odessa College	436	397	91%	19	16	84%	9	9	84%	1	0	0%
003600	Panola College	236	232	98%	208	200	96%	158	139	96%	167	147	88%
003601	Paris Junior College	126	115	91%	151	144	95%	107	99	95%	95	93	98%
003603	Ranger College	49	46	94%	26	25	96%	6	6	96%	0		
012713	San Jacinto College - North	0			0			43	42		95	87	92%
000090	San Jacinto College - South	0			0			36	31		89	81	91%
003611	South Plains College	99	82	83%	42	39	93%	134	120	93%	103	94	91%
109225	South Texas Community College	0		0%	122	114	93%	93	86	93%	133	124	93%
003614	Southwest Texas Junior College	0		0%	83	75	90%	52	45	90%	37	31	84%
008900	Tarrant County Junior College - South	67	64	96%	85	83	98%	116	109	98%	80	79	99%
003627	Temple College	0		0%	11	10	91%	37	34	91%	29	29	100%
003628	Texarkana College	14	13	93%	1	1	100%	7	7	100%	0		
009225	Texas State Technical College - Harlingen	69	67	97%	48	45	94%	48	42	94%	44	37	84%
009932	Texas State Technical College - Sweetwater			0%	52	51	98%	64	64	98%	54	50	93%
003572	Trinity Valley Community College	67	64	96%	80	74	93%	112	111	93%	111	104	94%
003648	Tyler Junior College	406	372	92%	349	313	90%	410	354	90%	337	320	95%
010060	Vernon Regional Junior College	202	196	97%	178	173	97%	230	228	97%	173	164	95%

Table II



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse Aide

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003662	Victoria College	153	142	93%	167	148	89%	139	128	89%	76	72	95%
003664	Weatherford College	70	63	90%	32	30	94%	63	60	94%	50	50	100%
009549	Western Texas College	45	40	89%	35	30	86%	22	17	86%	0		
003668	Wharton County Junior College	82	76	93%	38	35	92%	31	24	92%	15	10	67%
	Total	4,848	4,512	93%	4,633	4,324	93%	4,865	4,492	92%	3,791	3,545	94%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse, LVN

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003608	ACCD - St Phillips College	192	175	91%	139	114	82%	42	35	82%	176	114	65%
003539	Alvin Community College	18	18	100%	20	19	95%	15	14	93%	19	19	100%
003540	Amarillo College	90	80	89%	131	121	92%	66	60	91%	56	50	89%
006661	Angelina College	115	112	97%	76	76	100%			100%	29	29	100%
012015	Austin Community College	27	24	89%	31	31	100%	60	60	100%	28	25	89%
003549	Blinn College	40	38	95%	42	42	100%	33	33	100%	44	39	89%
007857	Brazosport College	11	11	100%	8	8	100%	10	10	100%	12	12	100%
004003	Central Texas College	64	56	88%	71	67	94%	68	59	87%	60	60	100%
003553	Cisco Junior College	72	65	90%	57	52	91%	42	35	83%	50	43	86%
003554	Clarendon College	29	23	79%	29	20	69%	30	22	73%	23	19	83%
003546	Coastal Bend (Formerly Bee County)	64	60	94%	73	65	89%	73	61	83%	83	74	89%
004453	DCCCD - El Centro College	33	31	94%	37	36	97%	35	33	94%	35	31	89%
003563	Del Mar College	22	21	95%	49	44	90%	57	56	98%	52	49	94%
010387	El Paso Community College	35	34	97%	41	38	93%	38	36	95%	32	32	100%
003568	Frank Phillips College	43	42	98%	48	47	98%	40	36	90%	29	25	86%
006662	Galveston College	26	25	96%	20	18	90%	23	20	87%	18	16	89%
003570	Grayson County College	42	30	71%	46	40	87%	34	29	85%	34	31	91%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse, LVN

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003573	HCJCD - Howard College	83	82	99%	77	75	97%	15	14	97%	48	46	96%
010633	Hill College	72	69	96%	76	74	97%	49	42	97%	76	68	89%
010633	Houston Community College	75	61	81%	91	72	79%	74	64	79%	68	60	88%
003580	Kilgore College	41	41	100%	49	49	100%	49	49	100%	35	35	100%
023582	Lamar State College - Orange	78	78	100%	92	86	93%	85	76	93%	76	69	91%
023485	Lamar State College - Port Arthur	80	78	98%	78	74	95%	80	72	95%	66	56	85%
003582	Laredo Community College				22	21	95%	33	31	95%	33	29	88%
003583	Lee College	35	32	91%	33	31	94%	31	27	94%	33	28	85%
003590	McLennan Community College	102	88	86%	102	99	97%	84	75	97%	63	63	100%
009797	Midland College	29	27	93%	32	28	88%	26	24	88%	28	20	71%
003593	Navarro College	53	51	96%	50	47	94%	45	41	94%	54	49	91%
000719	NHMCCD - Kingwood College	65	58	89%	62	56	90%	72	61	90%	56	52	93%
000721	NHMCCD - Montgomery College							23	22		22	19	86%
000722	NHMCCD - North Harris College							17	17		19	19	100%
000720	NHMCCD - Tomball College							7	7				
003558	North Central Texas College	84	82	98%	63	63	100%	77	74	100%	57	56	98%
023154	Northeast Texas Community College	25	25	100%	34	31	91%	24	22	91%	25	24	96%

Table II



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse, LVN

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003596	Odessa College	108	104	96%	115	109	95%	73	72	95%	55	53	96%
003600	Panola College	67	55	82%	59	44	75%	61	52	75%	61	54	89%
003601	Paris Junior College	85	82	96%	81	79	98%	91	85	98%	49	49	100%
003603	Ranger College	53	51	96%	52	48	92%	57	50	92%	51	41	80%
012713	San Jacinto College - North	83	81	98%	62	62	100%	55	52	100%	70	59	84%
000090	San Jacinto College - South	84	83	99%	82	81	99%	73	72	99%	62	62	100%
003611	South Plains College	109	104	95%	98	96	98%	77	71	98%	63	62	98%
109225	South Texas Community College	0			35	34	97%	46	43	97%	53	43	81%
003614	Southwest Texas Junior College	27	25	93%	43	43	100%	36	36	100%	44	43	98%
003625	Sul Ross State University	9	8	89%	9	9	100%	10	9	100%			
003627	Temple College	34	32	94%	57	54	95%	42	38	95%	51	46	90%
003628	Texarkana College	75	69	92%	76	68	89%	88	78	89%	80	75	94%
003643	Texas Southmost College	91	88	97%	45	44	98%			98%			
009932	Texas State Technical College - Sweetwater	85	75	88%	63	58	92%	78	66	92%	64	60	94%
003648	Trinity Valley Community College	40	37	93%	36	34	94%	36	30	94%	55	51	93%
010060	Tyler Junior College	98	94	96%	103	101	98%	37	36	98%	102	95	93%
003662	Vernon Regional Junior College	94	90	96%	132	124	94%	99	85	94%	105	93	89%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse, LVN

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003664	Victoria College	109	101	93%	122	116	95%	138	115	95%	127	115	91%
009549	Weatherford College	62	62	100%	50	49	98%	57	59	98%	40	37	93%
003668	Western Texas College	21	20	95%	21	21	100%	21	19	100%	18	17	94%
003668	Wharton County Junior College	50	50	100%	45	45	100%	34	34	100%	47	47	100%
	Total	3,129	2,928	94%	3,165	2,963	94%	2,666	2,419	91%	2,736	2,463	90%

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse, Registered

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
009163	ACCD - San Antonio College	191	177	93%	206	187	91%	184	168	91%	170	153	90%
003539	Alvin Community College	71	68	96%	61	59	97%	52	45	97%	43	42	98%
003540	Amarillo College	176	163	93%	154	140	91%	133	111	91%	113	103	91%
006661	Angelina College	50	44	88%	65	55	85%	49	37	85%	62	57	92%
003541	Angelo State University	149	132	89%	149	124	83%	124	98	83%	0		
012015	Austin Community College	121	121	100%	106	103	97%	112	108	97%	99	97	98%
003549	Blinn College	35	34	97%	42	41	98%	38	35	98%	40	36	90%
004003	Central Texas College	95	87	92%	87	81	93%	86	80	93%	87	81	93%
003553	Cisco Junior College	0			19	17	89%	24	18	89%	20	20	100%
007096	College of the Mainland	49	40	82%	47	41	87%	39	34	87%	46	31	67%
023614	Collin County Community College	43	42	98%	35	35	100%	28	28	100%	20	20	100%
004453	DCCCD - El Centro College	252	248	98%	192	188	98%	178	173	98%	195	185	95%
003563	Del Mar College	129	111	86%	81	62	77%	131	117	77%	128	112	88%
010387	El Paso Community College	59	56	95%	65	59	91%	48	40	91%	43	36	84%
006662	Galveston College	81	71	88%	47	43	91%	43	37	91%	59	48	81%
003570	Grayson County College	99	95	96%	85	76	89%	82	76	89%	89	77	87%
003574	HCJCD - Howard College	54	51	94%	33	31	94%	37	36	94%	24	17	71%

Table II



Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse, Registered

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
010633	Houston Community College	140	120	86%	103	91	88%	146	126	88%	124	111	90%
003580	Kilgore College	101	81	80%	59	52	88%	49	47	88%	47	37	79%
023582	Lamar State College - Orange	83	76	92%	71	57	80%	40	34	80%	42	33	79%
023485	Lamar State College - Port Arthur	0			0			29	21		29	25	86%
003651	Lamar University - Beaumont	80	76	95%	84	72	86%	82	72	86%	67	61	91%
003582	Laredo Community College	65	44	68%	36	33	92%	22	20	92%	28	25	89%
003583	Lee College	40	40	100%	54	46	85%	43	32	85%	16	14	88%
003590	McLennan Community College	118	105	89%	102	90	88%	77	69	88%	87	68	78%
009797	Midland College	42	40	95%	44	42	95%	45	44	95%	44	40	91%
003593	Navarro College	43	39	91%	39	39	100%	33	33	100%	38	27	71%
000722	NHMCCD - North Harris College	101	96	95%	106	100	94%	108	98	94%	99	90	91%
003558	North Central Texas College	58	48	83%	59	53	90%	52	49	90%	44	43	98%
023154	Northeast Texas Community College	23	23	100%	18	17	94%	22	20	94%	21	18	86%
003596	Odesa College	71	63	89%	91	74	81%	62	47	81%	66	55	83%
003600	Panola College	0			44	42	95%	56	32	95%	28	23	82%
003601	Paris Junior College	40	32	80%	44	42	95%	35	33	95%	31	28	90%
003609	San Jacinto College - Central	162	154	95%	162	144	89%	123	111	89%	144	131	91%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Nurse, Registered

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
000090	San Jacinto College - South	0			18	18	100%	46	40	100%	26	22	85%
003611	South Plains College	55	54	98%	44	42	95%	38	37	95%	38	38	100%
003631	Tarleton State University	37	36	97%	70	54	77%	46	42	77%	0		
008900	Tarrant County Junior College - South	179	174	97%	162	156	96%	163	153	96%	161	151	94%
003627	Temple College	22	22	100%	25	21	84%	25	25	84%	33	31	94%
003628	Texarkana College	94	86	91%	82	78	95%	80	76	95%	64	60	94%
003643	Texas Southmost College	0			0			0			0		
003648	Trinity Valley Community College	73	73	100%	54	49	91%	74	69	91%	52	46	88%
010060	Tyler Junior College	82	80	98%	74	68	92%	48	43	92%	63	59	94%
003662	Vernon Regional Junior College	51	50	98%	45	43	96%	40	36	96%	45	40	89%
003668	Victoria College	83	80	96%	95	83	87%	34	32	87%	67	63	94%
003668	Wharton County Junior College	53	53	100%	51	35	69%	0		69%	22	21	95%
	Total	3,550	3,285	93%	3,310	2,983	90%	3,006	2,682	89%	2,764	2,475	90%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Occupational Therapy Assistant

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003608	ACCD - St Philip's College	55	44	80%	0			0			0		
003540	Amarillo College	20	20	100%	18	18	100%	23	21	100%	20	20	100%
012015	Austin Community College	3	3	100%	13	13	100%	1	1	100%	16	16	100%
010633	Houston Community College	15	11	73%	17	17	100%	19	18	100%	21	21	100%
003583	Laredo Community College	0			0			0			0		
003593	Navarro College	0			0			24	23		23	20	87%
003558	North Central Texas College	46	41		50	47	94%	44	43	94%	36	33	92%
003600	Panola College	0			0			0			0		
	Total	139	119	86%	98	95	97%	111	106	95%	116	110	95%

Table II

Texas Higher Education Coordinating Board
1999 Statewide Licensure Report

Physical Therapy Assistant

FICE	Institution	1995			1996			1997			1998		
		TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%	TESTED	PASSED	%
003608	ACCD - St. Phillip's College	36	25	69%	30	28	93%	29	26	93%	36	24	67%
003540	Amarillo College	25	22	88%	23	20	87%	21	15	87%	26	14	54%
012015	Austin Community College	18	18	100%	19	19	100%	9	8	100%	20	18	90%
010387	El Paso Community College	16	11	69%	0			5	3		21	11	52%
010633	Houston Community College	34	31	91%	41	29	71%	57	44	71%	52	34	65%
003580	Kilgore College	20	20	100%	19	17	89%	18	13	89%	26	20	77%
003582	Laredo Community College	18	13	72%	25	22	88%	19	15	88%	16	11	69%
003590	McLennan Community College	29	21	72%	29	24	83%	26	23	83%	31	23	74%
003596	Odessa College	14	13	93%	1	12	200%	10	10	200%	21	20	95%
008899	Tarrant County Junior College - Northeast	17	17	100%	26	26	100%	23	23	100%	25	22	88%
003668	Wharton County Junior College	24	14	58%	20	17	85%	21	15	85%	24	21	88%
	Total	251	205	82%	233	214	92%	238	195	82%	298	218	73%



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 and 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.
Licensure Exam	Title of the licensure examination. Not necessarily equivalent to the title of the instructional program to which the examination relates.
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.
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.
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.
Tested	Number of students who took the particular licensure examination. This information comes from the agency that administers the licensure examination.
Passed	Number of students who passed the particular licensure examination. This information comes from the agency that administers the licensure examination.
Percentage (%)	Proportion of the students who passed an exam as compared to the number of students who took the exam. Though reported by the agency that administers the licensure examination, this figure is recalculated using the information reported by the agency.
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. Therefore,

1996 data includes tests administered as early as October, 1995.

Appendix B
Profiles of Licensure Examinations

Profiles of Licensure Examinations

CIP 12.0301 Funeral Directing/Embalming

Mortuary Science Program San Antonio College
1300 San Pedro Ave.
San Antonio, TX 78212-4299
(210) 733-2905

Felix Gonzales, Coordinator

In 1997, only one public community college offers a program in mortuary science. At the July 1998 Texas Higher Education Coordinating Board meeting, Amarillo College received approval to begin a program in mortuary science. The sequence for licensure in Texas requires graduation from an accredited program; an examination at the state level on mortuary science law; separate examinations at the national level in embalming and funeral directing; a 12-month apprenticeship; and finally an exit interview conducted by a member of the Texas Funeral Service Commission. Licensure is based on a 75 percent or better score on all examinations. The state exam consists of 50 questions and is given once per month at the Texas Funeral Service Commission and once every six months at mortuary science schools. Since 1985, all San Antonio College Mortuary Science graduates have passed the state exam. Exam results in this report refer only to the national level examinations covering funeral directing and embalming.

CIP 12.0403 Cosmetology

Texas Cosmetology Commission
PO Box 26700
Austin, TX 78755-0700
(512) 454-4674

Delores Alspaugh, Director

Twelve public community colleges offer degrees in Cosmetology and 22 public community colleges offer only certificates. The licensure exam is given at the completion of the cosmetology curriculum, and consists of a written and practical portion. The practical exam accounts for two-thirds of the weighted total score, with the written portion comprising one-third. A composite score of 75 percent or better is needed to pass the exam. Several community colleges offer course work at multiple sites. Any colleges with one FICE code but multiple cosmetology course work sites were aggregated to calculate a single pass rate.

B-1

CIP 12.0405 Massage Therapy

Professional Licensing and Certification Division
Texas Department of Health
1100 W. 49th St.
Austin, TX 78756-3199
(512) 834-6628

Eileen Hartman, Exam Supervisor

Three community colleges offer continuing education course work in Massage Therapy. The licensure examination consists of 150 written questions and a one-half-hour practical examination. A score of 75 percent or better is needed on the practical exam, while a reference-based criterion score (usually 75 percent or better) is needed on the written portion of the exam.

CIP 43.0107 Law Enforcement, Law Enforcement (Academy)

Commission on Law Enforcement Officer Standards and Education
6330 U.S. Highway 290 East, Ste. 200
Austin, TX 78723
(512) 936-7700

Ivan Messer, Ph.D.

Three public community colleges offer associate degrees in Law Enforcement, 21 colleges offer both certificates and degrees, and 14 offer only certificates. The licensure examination consists of 200 written questions and is given to each class upon the completion of all course work. A passing score consists of a correct response rate of 70 percent or better.

B-2

CIP 43.0201 Fire Protection (Arson, Inspector), (Structure)

Texas Commission on Fire Protection
PO Box 2286
Austin, TX 78768-2286
(512) 918-7100

Pat Clinton, Administrative Assistant

Ten public community colleges offer associate degrees in Fire Protection. Thirteen community colleges offer both certificates and associate degrees, and one community college offers only certificates. The Coordinating Board obtained data for the 10 community college programs that the Texas Commission on Fire Protection oversees. Local fire departments conduct the remaining programs and licensure exam test results are not maintained by TCFP. Licensure exams are given in three areas: Structure (the traditional firefighters' profession), Arson and Inspector. All exams are given at the completion of a Fire Protection curriculum. While the Arson, and Inspector exams contain only a written portion with a 70 percent passing standard, the Structure exam is both written and practical. The Structure written portion also maintains a 70 percent passing standard for licensure but the practical portion is based on a timed skill point system. The written and practical portions of the Structure exam are quality weighted. After the installation of a new database system in late 1996, the Texas Commission on Fire Protections is expected to have accurate licensure data for more community colleges.

CIP 51.0205 Interpreter for the Deaf

Texas Commission for the Deaf and Hard of Hearing
PO Box 12904
Austin, TX 78756
(512) 451-8494

Angela Bryant, Board for Evaluations of Interpreters Program Director

Eleven community colleges offer programs in Sign Language Interpretation. Licensure for Interpreters for the Deaf requires a two-part examination, consisting of written and video sections. Four public community colleges offer associate degrees in the field, while six community colleges offer both degrees and certificates. One community college offers only certificates. The written part of the examination maintains a 60 percent passing standard, while each of the three video portions maintains a passing standard of 70 percent.

CIP 51.0803 Occupational Therapy Assistant

B-3

CIP 51.0806 Physical Therapy Assistant

Executive Council of Physical Therapy and
Occupational Therapy Examiners
333 Guadalupe, Ste. 2-510
Austin, TX 78701-3942
(512) 305-6900

La Verne Birdwell, Occupational Therapy and Physical Therapy Licensing Supervisor

Five community colleges currently offer programs in Occupational Therapy Assisting, and 17 community colleges are planning to offer or currently offer programs in Physical Therapy Assisting. Twelve community colleges offer degrees in the field, and five other community colleges offer both degrees and certificates. The Executive Council has maintained licensure data since 1995. The licensure exam consists of 150 multiple choice questions and is administered in March, July, and November of each year. The passing standard is a criterion reference passing score, which changes with each test.

CIP 51.1601 Nurse, Registered

Board of Nurse Examiners for the State of Texas
PO Box 140466
Austin, TX 78714
(512) 305-6818

Mary Anne Hanley, Director of Education

At present, 26 community colleges offer associate degrees in nursing and 18 other community colleges offer both certificates and associate degrees. The registered nurse licensure exam is administered and graded by computer. Several community colleges offer course work at multiple sites. Any colleges with one FICE code but multiple Registered Nurse course work sites were aggregated to calculate a single pass rate.

CIP 51.1613 Nurse, Licensed Vocational

B-4

Texas Board of Vocational Nurse Examiners
333 Guadalupe St., Ste. 3-400
Austin, TX 78701
(512) 305-8100

Pat Borup, Director of Education

There are 49 public community colleges that offer certificates in Licensed Vocational Nursing and one community college offers both a certificate and an associate degree. The licensure exam is a national exam administered and graded by computer. A number of community colleges offer course work at multiple sites. Any colleges with one FICE code but multiple Licensed Vocational Nurse course work sites were aggregated to calculate a single pass rate.

CIP 51.1614 Nurse Aide

Texas Department of Human Services
Mail Code Y-979
PO Box 149030
Austin, TX 78714-9030
(512) 231-5800

Michael D. Winters, Program Specialist

Nurse aide training is provided on a non-credit basis at a number of community colleges. Forty-three community colleges offer training toward a nurse aide career.

CIP 52.0405 Court Reporting

Court Reporters Certification Board
PO Box 13131
Austin, TX 78711-3131
(512) 463-1630

Kim Kenison, Administrative Assistant

Four public community colleges offer an associate degree or certificate in Court Reporting. In addition, two public community colleges offer only certificates. The Court Reporting licensure exam, consisting of both an oral and written portion, is given quarterly to candidates who have completed a Court Reporting program. A score of 95 percent or better on the voice dictation section, along with a score of 75 percent or better on

B-5

the written portion, are needed to pass the exam. Since both sections must be passed to be fully licensed, the pass rate for the exam is the number of "certified" candidates divided by the number of "certifiable" candidates, as opposed to the number of "certified" candidates divided by the number of "tested" candidates.

CIP 51.0904 Emergency Medical Technology

Texas Department of Health
1100 West 49th St.
Austin, TX 78756
(512) 834-6733

Kaylene Farthing, Program Specialists

The field of Emergency Medical Technology encompasses four areas of licensure: Emergency Care Attendant, Emergency Medical Technician, Emergency Medical Technician-Intermediate, and Paramedic. Only the field of Paramedic is a degree or certificate program, the other three fields are strictly certificate programs. Twenty-two community colleges offer degrees and certificates and 11 community colleges offer only certificates. The Emergency Care Attendant exam consists of 50 multiple-choice questions. Both EMT exams consist of 100 multiple-choice questions and the Paramedic exam consists of 200 multiple-choice questions. The passing standard for all four exams is 70 percent.

B-6



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