

**ELECTRICIAN  
LICENSING STATISTICS  
MARCH 22, 2018**

**MASTER ELECTRICIANS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	626	677	848	249
Renewed Licenses Issued	14,798	15,102	15,423	6,167
Online Renewals	14,607	14,961	15,291	6,114
% Renewed Online	98%	99%	99%	99%
Total Population	15,550	15,979	16,548	16,819

**MASTER SIGN ELECTRICIANS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	15	22	24	6
Renewed Licenses Issued	485	487	493	208
Online Renewals	481	483	488	205
% Renewed Online	99%	99%	98%	98%
Total Population	502	513	528	539

**JOURNEYMAN ELECTRICIANS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	1,725	1,418	2,089	941
Renewed Licenses Issued	31,934	32,227	32,147	12,644
Online Renewals	31,441	31,803	31,797	12,637
% Renewed Online	98%	98%	98%	99%
Total Population	34,546	34,786	35,353	36,199

**JOURNEYMAN SIGN ELECTRICIANS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	16	54	23	8
Renewed Licenses Issued	319	302	302	126
Online Renewals	319	300	302	125
% Renewed Online	100%	99%	100%	99%
Total Population	357	352	353	353

**JOURNEYMAN LINEMAN ELECTRICIANS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	5	10	6	2
Renewed Licenses Issued	0	3	16	5
Online Renewals	0	0	16	5
% Renewed Online	0	0	100%	100%
Total Population	6	19	21	23

**MAINTENANCE ELECTRICIANS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	11	9	6	2
Renewed Licenses Issued	1,106	1,059	999	345
Online Renewals	1,095	1,049	991	342
% Renewed Online	99%	99%	99%	99%
Total Population	1,171	1,130	1,065	1,063

**RESIDENTIAL WIREMEN**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	123	146	193	77
Renewed Licenses Issued	1,120	1,182	1,181	609
Online Renewals	1,091	1,155	1,159	598
% Renewed Online	97%	97%	98%	98%
Total Population	1,330	1,409	1,477	1,543

**APPRENTICES**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	27,582	32,749	32,482	14,743
New Licenses Issued Online	26,125	31,456	31,379	14,401
Renewed Licenses Issued	28,808	31,711	34,696	18,988
Online Renewals	28,319	29,010	34,247	18,722
% Renewed Online	98%	91%	98%	98%
Total Population	62,278	70,902	75,178	77,670

**SIGN APPRENTICES**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	1,295	1,514	1,444	718
New Licenses Issued Online	1,272	1,497	1,420	713
Renewed Licenses Issued	416	474	584	326
Online Renewals	410	472	581	325
% Renewed Online	98%	99%	99%	99%
Total Population	1,969	2,166	2,247	1,908

**ELECTRICAL CONTRACTORS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	761	885	949	513
Renewed Licenses Issued	8,087	8,361	8,672	4,158
Online Renewals	7,932	8,240	8,574	4,105
% Renewed Online	98%	98%	98%	98%
Total Population	8,842	9,317	9,755	10,054

**ELECTRICAL SIGN CONTRACTORS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	53	52	57	28
Renewed Licenses Issued	431	463	466	241
Online Renewals	425	457	462	239
% Renewed Online	98%	98%	99%	99%
Total Population	485	520	536	556

**RESIDENTIAL APPLIANCE INSTALLERS**

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Licenses Issued	245	230	243	98
Renewed Licenses Issued	1,327	1,508	1,523	892
Online Renewals	1,226	1,504	1,516	889
% Renewed Online	92%	99%	99%	99%
Total Population	1,577	17,30	1,879	1,908

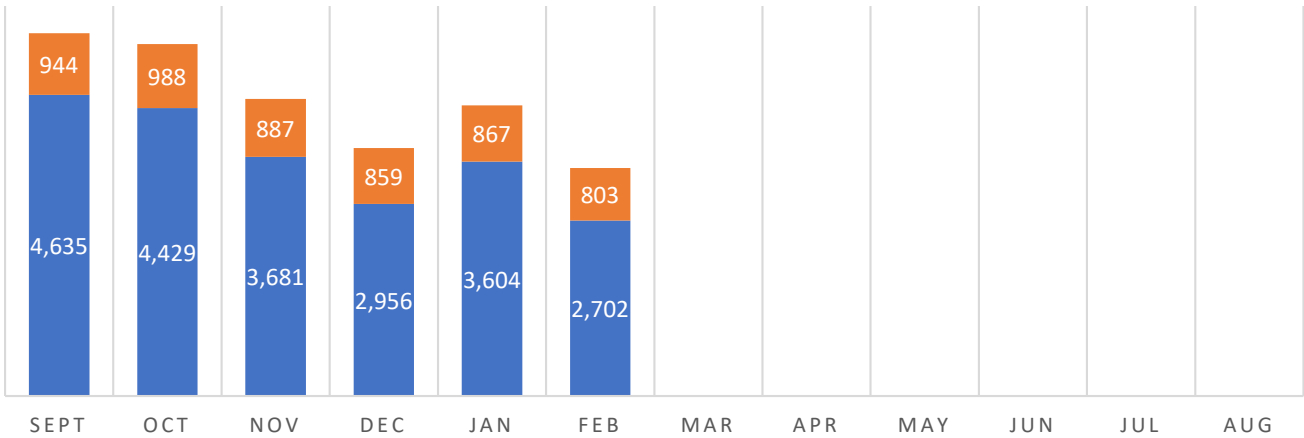
## COMBINED

	<b>TOTAL FY 2015</b>	<b>TOTAL FY 2016</b>	<b>TOTAL FY 2017</b>	<b>2<sup>nd</sup> Quarter FY 2018</b>
New Facility Licenses Issued	889	994	1,079	577
Renewed Facility Licenses Issued	9,019	9,381	9,706	4,715
Online Renewals	8,848	9,192	9,597	4,656
% Renewed Online	98%	98%	98%	98%
New Individual Licenses Issued	31,643	36,829	37,358	16,844
Renewed Individual Licenses Issued	80,314	84,055	87,364	40,310
Online Renewals	78,989	80,737	86,388	39,962
% Renewed Online	98%	96%	98%	99%
Total Population (Individuals)	119,286	128,986	134,649	138,025
Total Population (Facilities)	9,899	10,444	10,943	11,284
Total COMBINED Licenses	129,185	139,430	145,592	149,309

The population number is a snapshot of the number of active licenses on the first day of and the month. The number of licenses issued and renewed is the total activity performed during the fiscal year.

# ELECTRICIANS CUSTOMER SERVICE CONTACTS FISCAL YEAR 2018

■ Calls ■ Emails



# **ELECTRICAL SAFETY & LICENSING ADVISORY BOARD**

## **Enforcement Division Staff Report March 22, 2018**

### **Recent Accomplishments**

- On February 20, the Commission on Licensing and Regulation approved the revised penalty matrix for the Electricians program. This matrix was approved by the Electrical Safety and Licensing Advisory Board on January 11, 2018. The matrix was published with the Texas Register on March 9, and posted on the Department's website shortly thereafter.

### **Case Highlights**

#### **TDLR V. VINCENT VARGAS, Case No. ELC20170004907.**

On January 4, 2018, a Default Order was entered against Vincent Vargas, resulting in a penalty of \$8,000, which has not been paid. The Respondent performed electrical work without an Electrical Contractor license and used the license of another. He replaced an electrical breaker box and also used a license that displayed his name and the Journeyman Electrician license number of another. The Respondent holds a current Apprentice Electrician license.

#### **TDLR V. JOHN A MCGINN D/B/A MCGINN ELECTRIC, Case No. ELC20170018516.**

On January 11, 2018, a Default Order was entered against John A. McGinn d/b/a McGinn Electric, resulting in a penalty of \$3,000, which has not been paid, and in one-year probated suspension of the Respondent's Journeyman Electrician license. The Respondent offered to perform electrical work without an Electrical Contractor license by providing a proposal to perform rewiring and to add breakers to the main electrical panel. The Respondent held a Journeyman Electrician license that was current at the time of the violation.

#### **IN THE MATTER OF ROBERT C WESTBERRY, Case No. ELC20170022085.**

On January 31, 2018, an Agreed Order was entered against Robert C. Westberry, resulting in a penalty of \$2,625, which the Respondent has paid in full. During a Department sting operation, the Respondent offered to perform electrical work without an Electrical Contractor license by sending a text message with a proposal to install ceiling fans and recessed lighting. The Respondent had held an expired Apprentice Electrician license.

#### **IN THE MATTER OF EDUARDO G. FLORES, Case No. ELC20170020789.**

On January 31, 2018, an Agreed Order was entered against Eduardo G. Flores, resulting in a penalty of \$1,750, of which \$250 has been paid. During a Department sting operation, the Respondent offered to perform electrical work without an Electrical Contractor license by providing a proposal to pull permits and complete electrical work for \$3,350. The Respondent had held an expired Apprentice Electrician license.

**IN THE MATTER OF WALTER ERVIN D/B/A KIRKWOOD & HUNTER ELECTRIC CO., INC., Case No. ELC20170002118.**

On February 13, 2018, an Agreed Order was entered against Walter Ervin d/b/a Kirkwood & Hunter Electric Co., Inc., resulting in a penalty of \$1,000, which has been paid in full. The Respondent failed to ensure that all electrical work was performed by licensed electricians, by allowing one unlicensed individual to perform electrical work. The Respondent has assigned his Master Electrician license to Kirkwood & Hunter Electric Co., Inc., which holds an Electrical Contractor license.

**Key Statistics – Fiscal Year 2018**

Shown below are key statistics for the Electrician program and for all TDLR programs combined through January of Fiscal Year 2018.

<b><u>Statistic</u></b>	<b><u>ELC</u></b>	<b><u>TDLR</u></b>
• Number of cases opened:	984	3,852
• Number of cases resolved:	779	3,831
• Number of Agreed Orders:	38	612
• Total amount of penalties assessed:	\$261,225	\$1,400,375
• Total amount of penalties collected:	\$50,325	\$530,286



*A Core Foundation Is Key to  
Tomorrow's Excellence* **ESE**

*RAY PIZARRO, DIRECTOR*

**ELECTRICAL SAFETY AND LICENSING ADVISORY BOARD  
MARCH 22<sup>nd</sup>, 2018**

**DIVISION UPDATES**

EXAMINATION REVIEW COMMITTEE

On March 6<sup>th</sup>-9<sup>th</sup>, examination staff attended Electrician Examination Review Committee to review the poorly performing items, reference question items, and new question items.



## EDUCATION AND EXAMINATION STATISTICS AND TRENDS

### EXAMINATION STATISTICS (AS OF JANUARY 31<sup>ST</sup>, 2018)

FY 2018	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
<b>PASS</b>	379	186	171	736	768	182		350				0				0	<b>1,086</b>
<b>FAIL</b>	726	593	519	1,838	537	424		691				0				0	<b>2,799</b>
<b>TOTAL</b>	1,105	779	690	2,574	705	606		1,311				0				0	<b>3,885</b>
<b>RATE</b>	34.3%	23.9%	24.8%	28.6%	23.8%	30.0%		26.7%				0				0	<b>28.0%</b>

FY 2017	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
<b>PASS</b>	220	255	213	688	236	177	259	672	283	287	267	837	275	354	393	1,022	<b>3,219</b>
<b>FAIL</b>	400	460	462	1,322	445	329	424	1,198	527	475	477	1,479	484	559	728	1,771	<b>5,770</b>
<b>TOTAL</b>	620	715	675	2,010	681	506	683	1,870	810	762	744	2,316	759	913	1,121	2,793	<b>8,989</b>
<b>RATE</b>	35.5%	35.7%	31.6%	34.2%	34.7%	35.0%	37.9%	35.9%	34.9%	37.7%	35.9%	36.1%	36.2%	38.8%	35.1%	36.6%	<b>35.8%</b>

FY 2016	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
<b>PASS</b>	187	187	176	550	151	153	238	542	229	227	223	679	206	224	193	623	<b>2,394</b>
<b>FAIL</b>	383	373	338	1,094	341	336	459	1,136	472	454	405	1,331	420	372	332	1,124	<b>4,685</b>
<b>TOTAL</b>	570	560	514	1,644	492	489	697	1,678	701	681	628	2,010	626	596	525	1,747	<b>7,079</b>
<b>RATE</b>	32.8%	33.4%	34.2%	33.5%	30.7%	31.3%	34.1%	32.3%	32.7%	33.3%	35.5%	33.8%	32.9%	37.6%	36.8%	35.7%	<b>33.8%</b>

**EXAMINATION BY LICENSE TYPE  
(AS OF JANUARY 31<sup>ST</sup>, 2018)**

1 <sup>ST</sup> QUARTER SEPTEMBER - - OCTOBER - - NOVEMBER					2 <sup>ND</sup> QUARTER DECEMBER - - JANUARY - - FEBRUARY				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER (09/1-30/2017 ONLY)	113	153	266	42.48%	MASTER	NO LONGER ONE EXAM			
MASTER CALCULATIONS (10/1/2017)	22	220	242	9.09%	MASTER CALCULATIONS	35	213	248	14.11%
MASTER NEC (10/1/207)	27	204	231	11.69%	MASTER NEC	0	0	0	0.00%
JOURNEYMAN LINEMAN	1	4	5	20.00%	JOURNEYMAN LINEMAN	0	1	1	1.00%
JOURNEYMAN	465	999	1,464	31.76%	JOURNEYMAN	219	427	646	33.90%
MAINTENANCE	2	7	9	22.22%	MAINTENANCE	0	1	1	0.0%
RESIDENTIAL WIREMAN	46	139	185	24.86%	RESIDENTIAL WIREMAN	20	64	84	23.81%
MASTER SIGN	4	8	12	33.33%	MASTER SIGN	1	5	6	16.67%
JOURNEYMAN SIGN	4	19	23	17.39%	JOURNEYMAN SIGN	2	6	8	25.00%
APPLIANCE INSTALLER	52	85	137	37.96%	APPLIANCE INSTALLER	350	961	1,311	26.70%
<b>TOTAL (ALL)</b>	<b>736</b>	<b>1,838</b>	<b>2,574</b>	<b>28.59%</b>	<b>TOTAL (ALL)</b>				
3 <sup>RD</sup> QUARTER MARCH - - APRIL - - MAY					4 <sup>TH</sup> QUARTER JUNE - - JULY - - AUGUST				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER	NO LONGER ONE EXAM				MASTER	NO LONGER ONE EXAM			
MASTER CALCULATIONS					MASTER CALCULATIONS				
MASTER NEC					MASTER NEC				
JOURNEYMAN LINEMAN					JOURNEYMAN LINEMAN				
JOURNEYMAN					JOURNEYMAN				
MAINTENANCE					MAINTENANCE				
RESIDENTIAL WIREMAN					RESIDENTIAL WIREMAN				
MASTER SIGN					MASTER SIGN				
JOURNEYMAN SIGN					JOURNEYMAN SIGN				
APPLIANCE INSTALLER					APPLIANCE INSTALLER				
<b>TOTAL (ALL)</b>					<b>TOTAL (ALL)</b>				

**CONTINUING EDUCATION COURSE, PROVIDER, AND CURRICULUM STATISTICS  
(AS OF JANUARY 31<sup>ST</sup>, 2018)**

<b>FY 2018</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>Q1</b>	<b>DEC</b>	<b>JAN</b>	<b>FEB</b>	<b>Q2</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>Q3</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>Q4</b>	<b>TOT</b>
<b>COURSE APPROVAL ISSUED</b>	13	5	10	28	7	13		20				0				0	48
<b>TOTAL COURSES</b>	147	141	140	140	127	120		120				0				0	120

**\*NOTE: Currently, there are 107 Electrician Continuing Education Providers.**

<b>FY 2017</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>Q1</b>	<b>DEC</b>	<b>JAN</b>	<b>FEB</b>	<b>Q2</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>Q3</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>Q4</b>	<b>TOT</b>
<b>COURSE APPROVAL ISSUED</b>	4	9	13	26	16	20	11	47	15	11	7	33	12	6	12	30	136
<b>TOTAL COURSES</b>	157	156	159	159	146	146	134	134	133	141	137	137	143	139	142	142	142

<b>FY 2016</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>Q1</b>	<b>DEC</b>	<b>JAN</b>	<b>FEB</b>	<b>Q2</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>Q3</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>Q4</b>	<b>TOT</b>
<b>COURSE APPROVAL ISSUED</b>	5	8	15	28	35	11	24	70	15	4	8	27	12	7	13	32	157
<b>TOTAL COURSES</b>	142	146	149	149	170	159	162	162	158	156	157	157	164	159	157	157	157

# Electrical Safety and Licensing Advisory Board Compliance Division – Staff Report

March 22, 2018



## TDLR Compliance Staff Meetings (Other Notable Activities)

- 01/14 - 01/20 NFPA code making panel 17 meeting on public inputs for 2020 NEC.
- 02/01 - Job Sweep of SE Texas District 19.
- 02/09 - Annual Teleconference with NERA
- 02/20 - Job Sweep of SE Texas District 19.
- 02/21 - Presented at BPI in Houston, TX.
- 02/26 - 02/28 Electrical Inspector standards meeting, NFPA 78 and 1078 in Houston, TX.
- 03/05 - 03/09 - Exam development for ME, JI, and RAI exams in Austin, TX.



## REMINDER: 2017 NEC is the state electrical code for Texas as of September 15, 2017

The Texas Electrical Safety and Licensing Act requires the Texas Department of Licensing and Regulation (TDLR) to adopt the revised National Electrical Code (NEC) as the electrical code for the state of Texas. In August 2017, the Texas Commission of Licensing and Regulation, which oversees TDLR, adopted amendments to Chapter 73.100 of the Electricians administrative rules and established the 2017 NEC as the "minimum standard" for all electrical work in Texas covered by the Act. The effective date was September 15, 2017.

Chapter 1305.201 of the Act provides municipalities the authority to make local amendments to the 2017 NEC; however, any proposal to amend these standards should be done in accordance with NEC 90.4 which stipulates "*the authority having jurisdiction may waive specific requirements in this Code or permit alternative methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.*"

**Expectations are that any non-exempt electrical work started on or after September 15, 2017 are to be installed in accordance with the 2017 NEC.** For purposes of clarification, the "start" of electrical work is the day the electrician begins installing electrical materials or equipment within the residential or commercial building structure. **Inside the corporate limits of a municipality**, electricians must abide by city permitting requirements and adhere to any local code amendments.

**Beginning October 1, 2017, all examinations for state electrical licenses are based on the 2017 NEC.** The state electrical exams are available through PSI, who contracts with TDLR to develop, maintain, and administer the state electrician licensing examinations. **It is very important for license candidates to review the Candidate Information Bulletin (CIB)** which contains detailed information regarding the examinations and is vital to understanding the process.