

ELECTRICIAN LICENSING STATISTICS SEPTEMBER 26, 2019

MASTER ELECTRICIANS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	542	462
Renewed Licenses Issued	16,020	12,009
Online Renewals	15,898	11,934
% Renewed Online	99%	99%
Total Population	16,790	16,864

MASTER SIGN ELECTRICIANS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	11	6
Renewed Licenses Issued	512	369
Online Renewals	505	365
% Renewed Online	98%	98%
Total Population	533	526

JOURNEYMAN ELECTRICIANS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	1,944	1,341
Renewed Licenses Issued	32,985	24,097
Online Renewals	32,671	23,902
% Renewed Online	99%	99%
Total Population	36,066	36,026

JOURNEYMAN SIGN ELECTRICIANS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	20	10
Renewed Licenses Issued	310	222
Online Renewals	309	222
% Renewed Online	99%	100%
Total Population	352	339

JOURNEYMAN LINEMAN ELECTRICIANS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	5	7
Renewed Licenses Issued	19	14
Online Renewals	19	13
% Renewed Online	100%	92%
Total Population	22	30

***JOURNEYMAN INDUSTRIAL ELECTRICIANS**

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	8	87
Renewed Licenses Issued	N/A	0
Online Renewals	N/A	N/A
% Renewed Online	N/A	N/A
Total Population	8	113

MAINTENANCE ELECTRICIANS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	3	8
Renewed Licenses Issued	967	622
Online Renewals	958	614
% Renewed Online	99%	98%
Total Population	1,024	957

RESIDENTIAL WIREMEN

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	168	152
Renewed Licenses Issued	1,258	984
Online Renewals	1,233	967
% Renewed Online	98%	98%
Total Population	1,533	1,588

APPRENTICES

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	33,954	25,624
New Licenses Issued Online	33,540	25,079
Renewed Licenses Issued	38,501	29,555
Online Renewals	38,007	29,188
% Renewed Online	98%	98%
Total Population	80,447	84,205

SIGN APPRENTICES

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	1,517	1,171
New Licenses Issued Online	1,505	1,163
Renewed Licenses Issued	641	466
Online Renewals	636	466
% Renewed Online	99%	100%
Total Population	2,435	2,500

ELECTRICAL CONTRACTORS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	970	689
Renewed Licenses Issued	9,066	6,385
Online Renewals	8,970	6,349
% Renewed Online	98%	99%
Total Population	10,166	10,319

ELECTRICAL SIGN CONTRACTORS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	52	47
Renewed Licenses Issued	502	359
Online Renewals	496	310
% Renewed Online	98%	98%
Total Population	556	576

RESIDENTIAL APPLIANCE INSTALLERS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	172	140
Renewed Licenses Issued	1,718	1,374
Online Renewals	1,712	1,370
% Renewed Online	99%	99%
Total Population	1,906	1,981

RESIDENTIAL APPLIANCE INSTALLATION CONTRACTORS

	TOTAL FY 2018	3rd Quarter FY 2019
New Licenses Issued	81	52
Renewed Licenses Issued	608	463
Online Renewals	602	459
% Renewed Online	99%	99%
Total Population	696	706

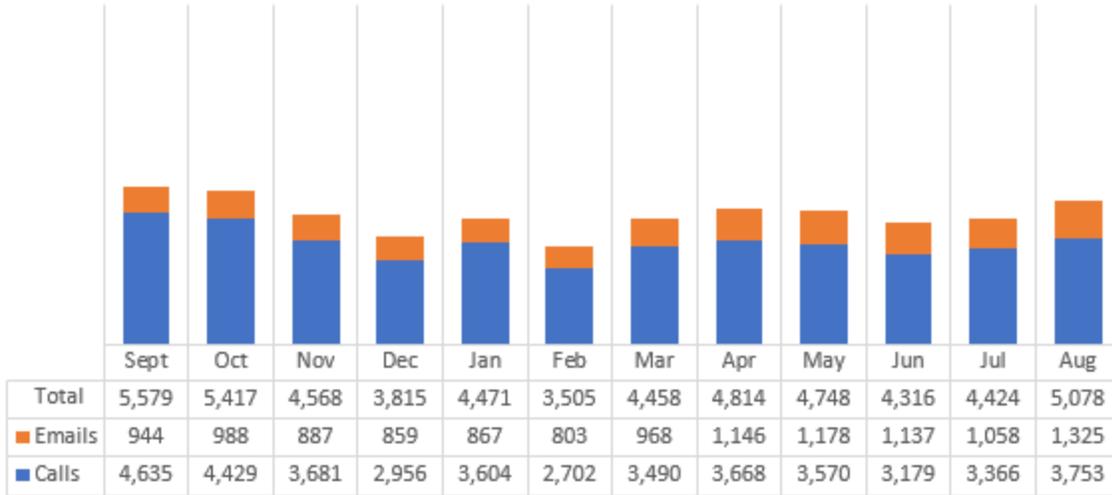
COMBINED

	TOTAL FY 2018	3rd Quarter FY 2019
New Facility Licenses Issued	1,103	788
Renewed Facility Licenses Issued	10,176	7,207
Online Renewals	10,068	7,163
% Renewed Online	98%	99%
New Individual Licenses Issued	38,344	29,008
Renewed Individual Licenses Issued	92,931	69,712
Online Renewals	91,948	69,041
% Renewed Online	98%	99%
Total Population (Individuals)	141,116	145,129
Total Population (Facilities)	11,418	11,601
Total COMBINED Licenses	152,534	156,730

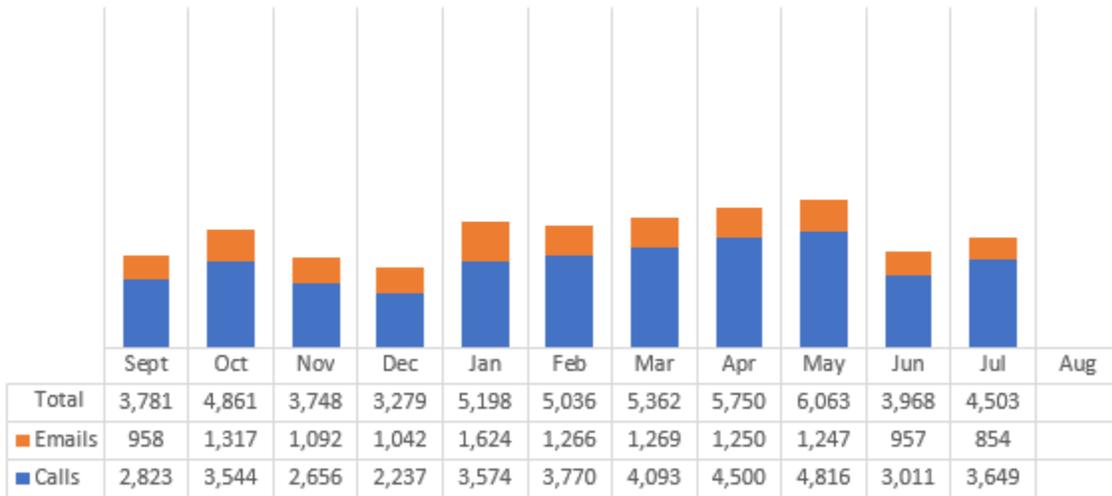
The population number is a snapshot of the number of active licenses on the first day of and the month. The number of licenses issued and renewed is the total activity performed during the fiscal year.

*The first Journeyman Industrial Electrician license was issued July 18, 2018.

**ELECTRICIANS
CUSTOMER SERVICE CONTACTS
FISCAL YEAR 2018**



**ELECTRICIANS
CUSTOMER SERVICE CONTACTS
FISCAL YEAR 2019**



ELECTRICAL SAFETY & LICENSING ADVISORY BOARD

Enforcement Division Staff Report

September 26, 2019

Case Highlights

Robert C. Garcia (ELC20170001159)

Commission Order issued January 22, 2019. On January 22, 2019, the Commission issued an Order assessing a \$1,000 administrative penalty against Robert C. Garcia. The Administrative Law Judge found Mr. Garcia as the master electrician of record failed to supervise the licensees at the jobsite, in violation of 16 TEX. ADMIN. CODE §73.51(g). Mr. Garcia has only remitted partial payment of \$500, Mr. Garcia still owes \$500, and demand letters have been issued by the Department's Office of General Counsel.

Leonardo Jimenez (ELC20190002122)

Default Order issued August 14, 2019. On August 14, 2019, a Default Order was entered against Leonardo Jimenez assessing a \$3,500 administrative penalty for violating TEX. OCC. CODE §1305.151. Mr. Jimenez has not remitted payment of the administrative penalty. Between October 8, 2018 and October 11, 2018, the Enforcement Division of the TDLR conducted an undercover sting operation at 809 Main St, Alamo, TX 78516 in order to identify, locate and prosecute unlicensed electrical contractors. During the sting, Mr. Jimenez visited the jobsite at 809 Main St. in Alamo, Texas. Mr. Jimenez subsequently offered to perform unlicensed electrical contracting by providing a bid for "Removing outlets at \$180.00, 3 outlets in each Room at \$350.00 and Ceiling Fans x 3 \$90.00." Mr. Jimenez is not licensed as an electrical contractor and does not hold any license issued by the Department.

Jose G. Perez d/b/a Perez Electric (ELC20170022726)

Agreed Order issued May 22, 2019. On May 22, 2019, an Agreed Order was entered against Jose G. Perez d/b/a Perez Electric assessing a \$10,000 administrative penalty. Mr. Perez as a licensed Master Electrician failed to provide all electrical work requiring a license through a licensed contractor on five projects in Texas, in violation of TEX. ADMIN. CODE §73.70(a). Mr. Perez has remitted payment of \$3,775, in accordance with the agreed upon payment plan.

Dalles Branson (ELC20190002130)

Agreed Order issued August 14, 2019. On August 14, 2019, an Agreed Order was entered against Dalles Branson assessing a \$5,000 administrative penalty for performing electrical work without a license, in violation of TEX. OCC. CODE §1305.151. Specifically, in 2013, Mr. Branson converted a small utility room into a second bathroom for a home located at 800 U.S. Highway 82 West New Boston, Texas 75570. On July 7, 2018, a 10-year old girl died, after being electrocuted at the above-listed home, due to faulty wiring and grounding. Mr. Branson is not licensed as an electrical contractor and does not hold any license issued

by the Department. Mr. Branson has remitted payment of \$426, in accordance with the agreed upon payment plan.

Jose Delgado (ELC20180003418)

Commission Order issued July 15, 2019. On or about January 4, 2017, Jose Delgado, a journeyman electrician, pled no contest to Aggravated Assault with a Deadly Weapon. The criminal court placed Mr. Delgado on deferred adjudication probation for three (3) years. On July 15, 2019, the Commission issued an Order revoking Mr. Delgado’s journeyman electrician license, but the revocation is fully probated until completion of Mr. Delgado’s term of community supervision on January 4, 2020. Thus, Mr. Delgado’s journeyman electrician license will only be fully revoked if he violates the electrician laws and rules before January 4, 2020.

Key Statistics

Shown below are key statistics for the Electrical program and for all TDLR programs combined through July of Fiscal Year 2019.

<u>Statistic</u>	<u>ELC</u>	<u>TDLR</u>
• Number of cases opened:	2,257	10,037
• Number of cases resolved:	2,267	9,325
• Number of Final Orders:	243	1,698
• Total amount of penalties assessed:	\$579,590.00	\$2,953,750.00
• Total amount of penalties collected:	\$135,461.00	\$1,555,995.00

Shown below are key statistics for the Electrical program and for all TDLR programs combined for Fiscal Year 2018.

<u>Statistic</u>	<u>ELC</u>	<u>TDLR</u>
• Number of cases opened:	2,442	10,585
• Number of cases resolved:	2,153	9,833
• Number of Final Orders:	192	2,037
• Total amount of penalties assessed:	\$461,850.00	\$3,209,055.00
• Total amount of penalties collected:	\$104,228.00	\$1,528,594.50



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

RAY PIZARRO, DIRECTOR

**ELECTRICAL SAFETY AND LICENSING ADVISORY BOARD
SEPTEMBER 26TH, 2019**

DIVISION UPDATES

UPCOMING EXAMINATION REVIEW COMMITTEE (ERC) MEETING

The ERC is scheduled to meet November 19th – 21st, 2019.

EDUCATION AND EXAMINATION STATISTICS AND TRENDS

EXAMINATION STATISTICS (AS OF JULY 31ST, 2019)

FY 2019	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	234	238	201	673	281	237	304	822	325	334	256	915	275	276	-	551	2,961
FAIL	611	612	556	1,779	570	491	588	1,649	701	676	669	2,046	775	687	-	1,462	6,936
TOTAL	845	850	757	2,452	851	728	892	2,471	1,026	1,010	925	2,961	1,050	963	-	2,013	1,695
RATE	27.7%	28.0%	26.6%	27.4%	33.0%	32.6%	34.1%	33.3%	31.7%	33.1%	27.7%	30.9%	26.2%	28.7%	0.0%	27.4%	29.9%

FY 2018	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	379	186	171	736	168	182	216	566	263	290	289	842	248	259	249	756	2,900
FAIL	726	593	519	1,838	537	424	561	1,522	600	618	596	1,814	704	591	668	1,963	7,137
TOTAL	1,105	779	690	2,574	705	606	777	2,088	863	908	885	2,656	952	850	917	2,719	10,037
RATE	34.3%	23.9%	24.8%	28.6%	23.8%	30.0%	27.8%	27.1%	30.5%	31.9%	32.7%	31.7%	26.1%	30.5%	27.2%	27.8%	28.9%

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

**EXAMINATION BY LICENSE TYPE
(AS OF JULY 31ST, 2019)
FISCAL YEAR 2019**

1 ST QUARTER SEPTEMBER -- OCTOBER -- NOVEMBER					2 ND QUARTER DECEMBER -- JANUARY -- FEBRUARY				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER CALCULATIONS	126	376	502	25.10%	MASTER CALCULATIONS	175	347	522	33.52%
MASTER NEC	58	253	311	18.65%	MASTER NEC	107	197	304	35.20%
JOURNEYMAN LINEMAN	113	279	392	28.83%	JOURNEYMAN LINEMAN	133	245	378	35.19%
JOURNEYMAN	243	531	774	31.40%	JOURNEYMAN	250	470	720	34.72%
MAINTENANCE	19	44	63	30.16%	MAINTENANCE	17	44	61	27.87%
RESIDENTIAL WIREMAN	34	72	106	32.08%	RESIDENTIAL WIREMAN	38	95	133	28.57%
MASTER SIGN	1	2	3	33.33%	MASTER SIGN	3	3	6	50.00%
JOURNEYMAN SIGN	18	28	46	39.13%	JOURNEYMAN SIGN	15	24	39	38.46%
APPLIANCE INSTALLER	25	61	86	29.07%	APPLIANCE INSTALLER	35	69	104	33.65%
JOURNEYMAN INDUSTRIAL ELE*	2	3	5	40.00%	JOURNEYMAN INDUSTRIAL ELE*	3	8	11	27.27%
TOTAL (ALL)	673	1,779	2,452	27.45%	TOTAL (ALL)	822	1,649	2,471	33.27%
*Effective Date 07/01/2018					*Effective Date 07/01/2018				
3 RD QUARTER MARCH -- APRIL -- MAY					4 TH QUARTER JUNE -- JULY -- AUGUST				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER CALCULATIONS	154	460	614	25.08%	MASTER CALCULATIONS	86	340	426	20.19%
MASTER NEC	171	354	525	32.57%	MASTER NEC	91	277	368	24.73%
JOURNEYMAN LINEMAN	4	10	14	28.57%	JOURNEYMAN LINEMAN	3	7	10	30.00%
JOURNEYMAN	477	996	1,473	32.38%	JOURNEYMAN	306	699	1,005	30.45%
MAINTENANCE	0	3	3	0.00%	MAINTENANCE	1	1	2	50.00%
RESIDENTIAL WIREMAN	45	116	161	27.95%	RESIDENTIAL WIREMAN	30	90	120	25.00%
MASTER SIGN	2	7	9	22.22%	MASTER SIGN	3	5	8	37.50%
JOURNEYMAN SIGN	2	2	4	50.00%	JOURNEYMAN SIGN	3	2	5	60.00%
APPLIANCE INSTALLER	58	88	146	39.73%	APPLIANCE INSTALLER	25	34	59	42.37%
JOURNEYMAN INDUSTRIAL ELE*	2	10	12	16.67%	JOURNEYMAN INDUSTRIAL ELE*	3	7	10	30.00%
TOTAL (ALL)	590	1,346	1,936	30.48%	TOTAL (ALL)	278	692	970	28.66%
*Effective Date 07/01/2018					*Effective Date 07/01/2018				

**CONTINUING EDUCATION COURSE, PROVIDER, AND CURRICULUM STATISTICS
(AS OF JULY 31ST, 2019)**

FY 2019	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
COURSE APPROVAL ISSUED	5	11	11	27	16	23	23	62	16	10	19	45	11	9	-	20	154
TOTAL COURSES	139	163	167	167	170	184	184	184	174	172	178	178	172	167	-	-	163

FY 2018	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
COURSE APPROVAL ISSUED	13	5	10	28	7	13	19	39	27	14	17	58	17	11	12	40	165
TOTAL COURSES	147	141	140	140	127	120	129	129	141	147	154	154	160	166	163	163	163

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

ELECTRICIAN APPRENTICE PROGRAMS
(AS OF JULY 31ST)
FISCAL YEAR 2019

FY 2019	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
NEW PROVIDER LIC ISSUED	1	0	0	1	0	0	0	0	1	0	1	2	0	1	-	1	4
NEW COURSE APPROVALS	1	0	0	1	0	0	0	0	1	0	1	2	0	0	-	0	3
PROVIDER LIC RENEWED	5	2	1	8	1	2	1	4	0	2	2	4	2	26	-	28	44
TOTAL APPROVED PROGRAMS	47	47	47	47	47	47	47	47	48	48	49	49	49	50	-		
TOTAL APPROVED COURSE/ YR	1	1	1	1	1	1	1	1	2	0	3	3	0	4	-		

Electrical Safety and Licensing Advisory Board

RPM Division – Staff Report

September 26, 2019



TDLR Compliance Staff Meetings (Other Notable Activities)

- 01/16-17 – Job Sweep of Lubbock county.
- 01/23-24 – Taught 2017 NEC electrical requirements for water well installation in San Marcos, TX.
- 02/27 - Presented at BPI in Houston, TX.
- 03/5-7 - Exam development for ME, JE exams in Austin, TX.
- 04/09 – Job Sweep of Galveston county.
- 05/21-22 - Presented at BPI in Irving, TX.
- 06/4-6 - National job sweep of Travis, Williamson and Hays county.
- 06/10 - Speaking engagement with the Texas State Association of Plumbing Inspectors.
- 06/10-12 - National job sweep of Travis, Williamson and Hays county.
- 06/16 - Electrical Inspector Member Board meeting for NFPA.
- 06/16-20 - NFPA conference, expo. and tech meeting in San Antonio
- 06/30 – NFPA standard 78, 2020 Electrical Inspections Guide approved
- 06/30 – NFPA standard 1078, 2020 Electrical Inspector qualifications approved.
- 07/09 - Job Sweep of Irving TX.
- 07/09 – IAEI speaking engagement in Irving TX.
- 07/17 - TIVA speaking engagement in Corpus Christi TX.
- 08/12-15 NERA meeting in Midvale Utah.
- 08/25 – NFPA standard 70, 2020 National Electrical Code approved.
- 08/27-28 - Exam development for ME, JE exams in Austin, TX.



2020 National Electrical Code is Almost Here!

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 2020, TDLR will be adopting the 2020 NEC as the electrical code for the state of Texas and establish it as the "minimum standard" for all electrical work in Texas covered by the Act. The proposed effective date will be September 1, 2020.

Chapter 1305.201 of the Act provides municipalities the authority to make local amendments to the 2020 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 1, 2020 will have to be installed in accordance with the 2020 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.

Also, beginning September 1, 2020, all examinations for state electrical licenses will be based on the 2020 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.