

**Texas Insurance Agent License Examination  
Pass Rates for First-Time Examinees:  
September 1, 2009 to August 31, 2010**

**Report on House Bill 1757  
81<sup>st</sup> Legislature, Regular Session, 2009**



**Submitted by the  
Texas Department of Insurance**

**November 2010**





Texas Department of Insurance

**Commissioner of Insurance**, Mail Code 113-1C

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December 1, 2010

The Honorable Rick Perry, Governor  
The Honorable David Dewhurst, Lieutenant Governor  
The Honorable Joe Straus, Speaker

Dear Governors and Speaker:

In accordance with HB 1757, 81<sup>st</sup> Texas Legislature, Regular Session, TDI conducted a study to analyze the pass rates for insurance agent license examinations for limited and single lines licenses during the period of September 1, 2009 to August 31, 2010. Prometric, TDI's contracted test services vendor, collected self-reported demographic information from first-time examinees and analyzed this data for exams that exhibited an overall pass rate of less than 70 percent.

As required by HB 1757, this letter conveys a report from Prometric that indicates any disparity in the pass rate based on collected demographic information. There was a general trend showing a marked increase in pass rates correlating to level of formal education. Additionally, candidates taking a preparatory class had higher pass rates. Lower pass rates were generally noted for females, non-Caucasians, those choosing to take the Spanish language version of the test, and examinees born outside of the U.S.

TDI plans to work with Prometric to analyze additional demographic data collection that will allow review and exclusion of test questions that may create race, gender, or national origin disparity.

Thank you for the opportunity to provide this information and for your consideration of this report. Should you have any questions about this report, please contact me; Carol Cates, Associate Commissioner of Government Relations, at 463-6123; or Katrina Daniel, Senior Associate Commissioner of Life, Health & Licensing, at 305-7342.

Sincerely,

A handwritten signature in black ink that reads "Mike Geeslin".

Mike Geeslin  
Commissioner of Insurance



# Table of Contents

Executive Summary.....	1
Introduction .....	3
SECTION 1: First-Time Examinees, Gender by Pass/Fail Status.....	4
SECTION 2: First-Time Examinees, Ethnicity by Pass/Fail Status.....	8
SECTION 3: First-Time Examinees, Country Where Born by Pass/Fail Status.....	12
SECTION 4: First-Time Examinees, Highest Level of Education by Pass/Fail Status .....	16
SECTION 5: First-Time Examinees, Whether Candidates Took a Preparatory Course by Pass/Fail Status.....	19
SECTION 6: First-Time Examinees, Primary Language by Pass/Fail Status.....	22
SECTION 7: 1475 First-Time Examinees, Gender, Ethnicity, and Highest Level of Education .....	25
SECTION 8: 1477 First-Time Examinees, Gender, Ethnicity, and Highest Level of Education .....	31
SECTION 9: 1478 First-Time Examinees, Gender, Ethnicity, and Highest Level of Education .....	37
SECTION 10: 1475 First-Time Examinees, Gender, Ethnicity, Highest Level of Education and Whether Took a Preparatory Course .....	43
SECTION 11: 1477 First-Time Examinees, Gender, Ethnicity, Highest Level of Education and Whether Took a Preparatory Course – .....	48
SECTION 12: 1478 First-Time Examinees, Gender, Ethnicity, Highest Level of Education and Whether Took a Preparatory Course .....	53
SECTION 13: 1475 First-Time Examinees, Country Where Born, Primary Language, and Whether Took a Preparatory Course .....	58
SECTION 14: 1477 First-Time Examinees, Country Where Born, Primary Language, and Whether Took a Preparatory Course .....	64
SECTION 15: 1478 First-Time Examinees, Country Where Born, Primary Language, and Whether Took a Preparatory Course .....	70



# **Texas Insurance Agent License Examination**

## **Pass Rates for First-Time Examinees:**

### **September 1, 2009 to August 31, 2010**

## **Executive Summary**

### ***Background***

House Bill 1757 as enacted by the 81<sup>st</sup> Texas Legislature directs the Texas Department of Insurance (TDI) to review a limited or single line insurance agent license examination when the examination has an overall pass rate below 70% for first-time examinees. Additionally, the statute directs TDI to collect demographic information on those examinees taking a license examination for limited and single line licenses, and submit an annual report to the Legislature that indicates any disparity in the pass rate based on this demographic information. As provided by HB1757, TDI contracted with the current test services provider, Prometric, to collect data on pass rates, as well as demographic information provided by examinees taking the tests. The following report was prepared by Prometric using pass/fail and demographic data, and covers tests administered from September 1, 2009 to August 31, 2010.

One limitation of the report is a low sample size for some sub-populations, occasionally rendering an exceptionally high or low categorical pass rate. Further limitations of the report include demographic and education data being self-reported by examinees (in some instances, examinees did not respond to all questions), and the limited scope of the report, which only covers those examinations pertaining to limited line, personal line, and life licenses to the exclusion of other license types.

### ***Summary of Findings***

Data presented by Prometric generally show pass/fail rate relationships with regard to race, gender, primary language, country of origin, level of education, and whether the examinee took an exam preparatory course. Except where otherwise indicated, all figures are for English language exams. Of first-time test takers for the three exams, 35.6% of African-Americans, 17.0% of Hispanics, and 37.4% of Caucasians had a 4-year degree or greater. For the three exams within the scope of the study, the greatest number of first-time test takers was Hispanic (3,235), followed by Caucasians (2,372), and African-Americans (1,282). Other races (including American Indians) accounted for an additional 646 examinees.

In general, overall pass rates for first-time test takers were under 60%:

- Limited Line – All (35.8%)
- Personal Line – All (55.7%)
- Life – All (55.9%)

Lower pass rates were generally noted for females, non-Caucasians, those choosing to take the Spanish language version of the test, examinees born outside of the U.S., and those not taking a preparatory course. Additionally, there was a general trend showing a marked increase in pass rates correlating to level of formal education. The following is a statistical overview of the report:

- Females compared to Males:
  - Limited Line – Female (31.0%); Male (48.8%); All (35.8%)
  - Personal Line – Female (51.2%); Male (62.6%); All (55.7%)

- Life – Female (50.7%); Male (60.5%); All (55.9%)
- African American (AA) and Hispanic (H) compared to Caucasian (C):
  - Limited Line – AA (26.2%); H (30.5%); C (66.8%); All (35.8%)
  - Personal Line – AA (54.1%); H (44.4%); C (66.3%); All (55.7%)
  - Life – AA (48.5%); H (48.2%); C (71.9%); All (55.9%)
- Individuals born in Mexico (M) or Central or South America (CS) compared to the United States (US):
  - Limited Line – M (33.7%); CS (32.4%); US (35.6%); All (35.8%)
  - Personal Line – M (29.3%); CS (26.7%); US (57.6%); All (55.7%)
  - Life – M (46.6%); CS (46.4%); US (57.7%); All (55.9%)
- Whether the examinee took a preparatory course (PC) or no course (N):
  - Limited Line – PC (39.4%); N (29.9%); All (35.8%)
  - Personal Line – PC (58.0%); N (40.4%); All (55.7%)
  - Life – PC (57.7%); N (44.5%); All (55.9%)
- Whether the examinee has an educational achievement of at least a 4-year degree:
  - Limited Line – 4-year degree or higher (77.4%); less than 4-year degree (33.3%); All (35.8%)
  - Personal Line – 4-year degree or higher (75.0%); less than 4-year degree (47.6%); All (55.7%)
  - Life – 4-year degree or higher (74.0%); less than 4-year degree (46.6%); All (55.9%)

Additional noteworthy findings include:

- The majority of first-time test takers chose to take a preparatory course.
- The majority of first-time test takers born in Mexico chose the English language test over the Spanish language version.
- Across all three tests, American Indians were the most likely ethnic group to take a preparatory course, however the American Indian sample size is relatively small.
- Hispanics accounted for 74.9% of Limited Line test takers.

### ***Conclusion***

While the overall pass rate for all test takers was below 70%, the passage rates for African-Americans and Hispanics were low relative to rates for Caucasians. The pass rates for females were generally lower than males, and the pass rates for those speaking a native language other than English were also generally lower than those speaking English as a primary language. Examinees that took a preparatory course usually fared better than those that did not, and pass rates were also significantly correlated to educational attainment.

## Introduction

This report was prepared according to the reporting requirement of Texas' statute H.B. 1757 and will be published annually using data from the current contracted testing vendor.

This report was developed for the Texas Department of Insurance and summarizes demographic statistical data voluntarily self-reported by the exam candidates for the above Texas insurance exams administered from September 1, 2009 to August 31, 2010 by Prometric. These exams were administered using an IRT LOFT model that creates unique forms for each candidate that are equivalent in content and difficulty.

The tables and charts included in this report focus on pass rates for first-time candidates only, a more stable indicator of candidate performance than would be the case if repeat-taker data were included. Except where otherwise indicated, all tables and figures are for English language exams. A total of 1,647 first-time candidates took the 1475 exam during the time period covered by this report, 1,585 took the 1477 exam, 4,308 took the 1478 exam, 8 took the 1575 exam, 9 took the 1577 exam, and 113 took the 1578 exam. The tables first give these pass rates for each exam by gender, ethnicity, and country where born. Then for the English language exams, the tables further break down the statistics by highest level of education, whether candidates took a preparatory course or not, and candidates' primary language, combining several variables for analysis. The options available for self-identification of candidates' ethnicity were: African-American, American Indian, Hispanic, Vietnamese, Other, and no response. The options available for candidates to indicate their highest level of education were: Did not finish high school, High school diploma or equivalent, Two-year college degree (Associate's degree), Four-year college degree (Bachelor's degree), Advanced college degree (Master's degree or Doctorate), and no response. The options available for candidates to indicate where they were born were: United States, Mexico, Viet Nam, Central or South America, None of the above, and No response. The options available for candidates to identify their primary language were: English, Spanish, Vietnamese, Other, or No response.

**Note: Sub-population sample sizes of less than 50 should not be interpreted and sub-population sample sizes between 50 and 100 should be interpreted cautiously, because statistics for small samples can vary considerably from one time period to another, due to the small sample size alone. Therefore, conclusions have been drawn only with sub-populations with minimally sufficient sample sizes.**

**Also, these performance statistics do not indicate causation. To approach identifying causal factors, multiple possible intervening or influencing variables have to be controlled in repeated experimental situations. The administration of these exams is not such a controlled experimental situation. Overall, this report shows that there are demographic variables other than gender, ethnicity, and country where born that could be influencing pass rates for sub-populations differentially. There are other variables that either are not and/or cannot be measured that are influencing pass rates of sub-populations differentially.**

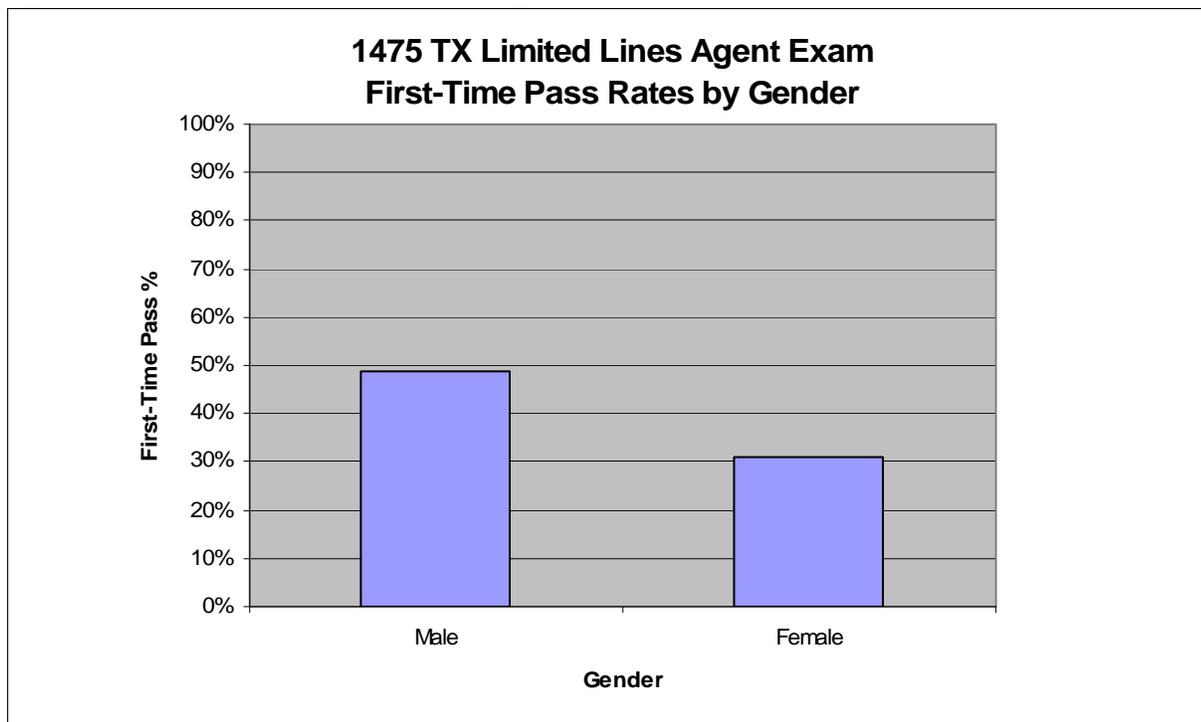
## SECTION 1: First-Time Examinees, Gender by Pass/Fail Status

In all but the 1578 exam, which was taken by only 113 candidates total, males' pass rates were higher than females' pass rates.

**Table 1: 1475 Texas Limited Lines Agent Exam**

1475 TX Limited Lines Agent				
Gender	Pass	Fail	Total	% of Total
Male	209	219	428	26.0%
%	48.8%	51.2%	100.0%	
Female	377	839	1216	73.8%
%	31.0%	69.0%	100.0%	
No Response	3	0	3	0.2%
%	100.0%	0.0%	100.0%	
Total	589	1058	1647	100.0%
% of Total	35.8%	64.2%	100.0%	

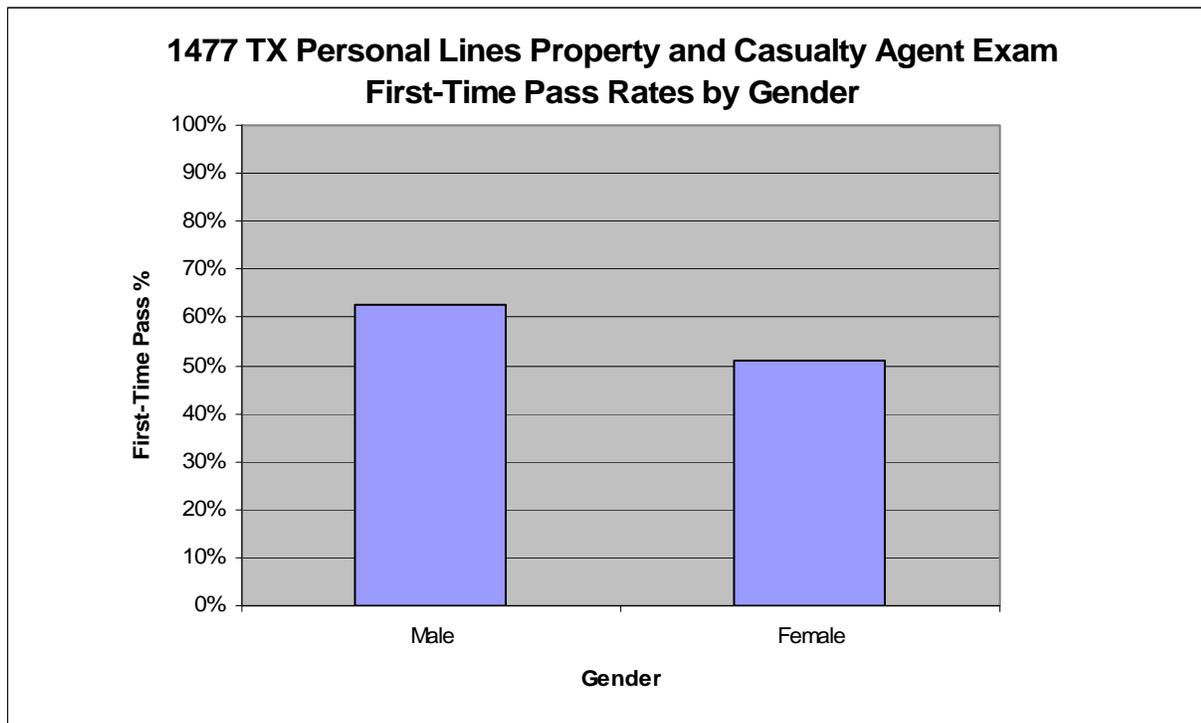
**Figure 1: 1475 Texas Limited Lines Agent Exam**



**Table 2: 1477 Texas Personal Lines Property and Casualty Agent Exam**

1477 TX Personal Lines Property and Casualty Agent				
Gender	Pass	Fail	Total	% of Total
Male	397	237	634	40.0%
%	62.6%	37.4%	100.0%	
Female	486	464	950	59.9%
%	51.2%	48.8%	100.0%	
No Response	0	1	1	0.1%
%	0.0%	100.0%	100.0%	
Total	883	702	1585	100.0%
% of Total	55.7%	44.3%	100.0%	

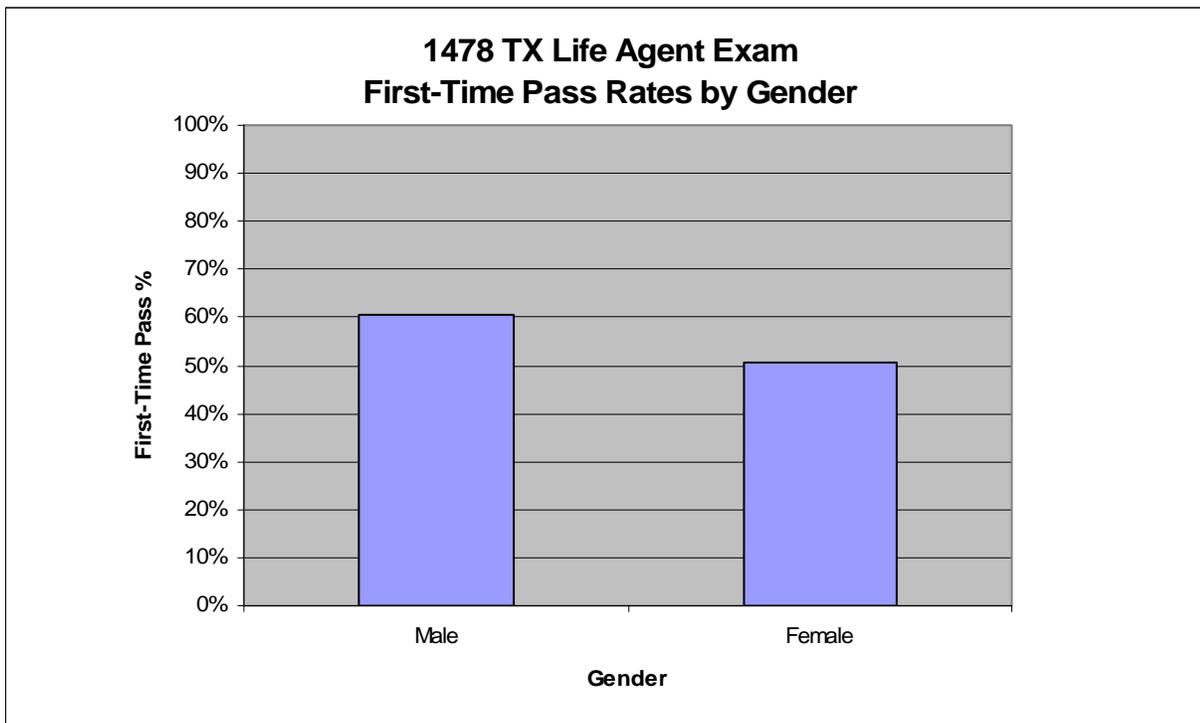
**Figure 2: 1477 Texas Personal Lines Property and Casualty Agent Exam**



**Table 3: 1478 Texas Life Agent Exam**

1478 TX Life Agent				
Gender	Pass	Fail	Total	% of Total
Male	1383	902	2285	53.0%
%	60.5%	39.5%	100.0%	
Female	1026	996	2022	46.9%
%	50.7%	49.3%	100.0%	
No Response	0	1	1	0.1%
%	0.0%	100.0%	100.0%	
Total	2409	1899	4308	100.0%
% of Total	55.9%	44.1%	100.0%	

**Figure 3: 1478 Texas Life Agent Exam**



Spanish editions of the following exams had so few candidates that graphs would not be useful. Therefore, only data tables are provided.

**Table 4: 1575 Texas Limited Lines Agent Exam (Spanish version)**

<b>1575 TX Limited Lines Agent (Spanish)</b>				
<b>Gender</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
Male	0	1	1	12.5%
%	0.0%	100.0%	100.0%	
Female	0	7	7	87.5%
%	0.0%	100.0%	100.0%	
Total	0	8	8	100.0%
% of Total	0.0%	100.0%	100.0%	

**Table 5: 1577 Texas Personal Lines Property and Casualty Agent Exam (Spanish version)**

<b>1577 TX Personal Lines Property and Casualty Agent (Spanish)</b>				
<b>Gender</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
Male	0	2	2	22.2%
%	0.0%	100.0%	100.0%	
Female	0	7	7	77.8%
%	0.0%	100.0%	100.0%	
Total	0	9	9	100.0%
% of Total	0.0%	100.0%	100.0%	

**Table 6: 1578 Texas Life Agent Exam (Spanish version)**

<b>1578 TX Life Agent (Spanish)</b>				
<b>Gender</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
Male	5	45	50	44.2%
%	10.0%	90.0%	100.0%	
Female	8	55	63	55.8%
%	12.7%	87.3%	100.0%	
Total	13	100	113	100.0%
% of Total	11.5%	88.5%	100.0%	

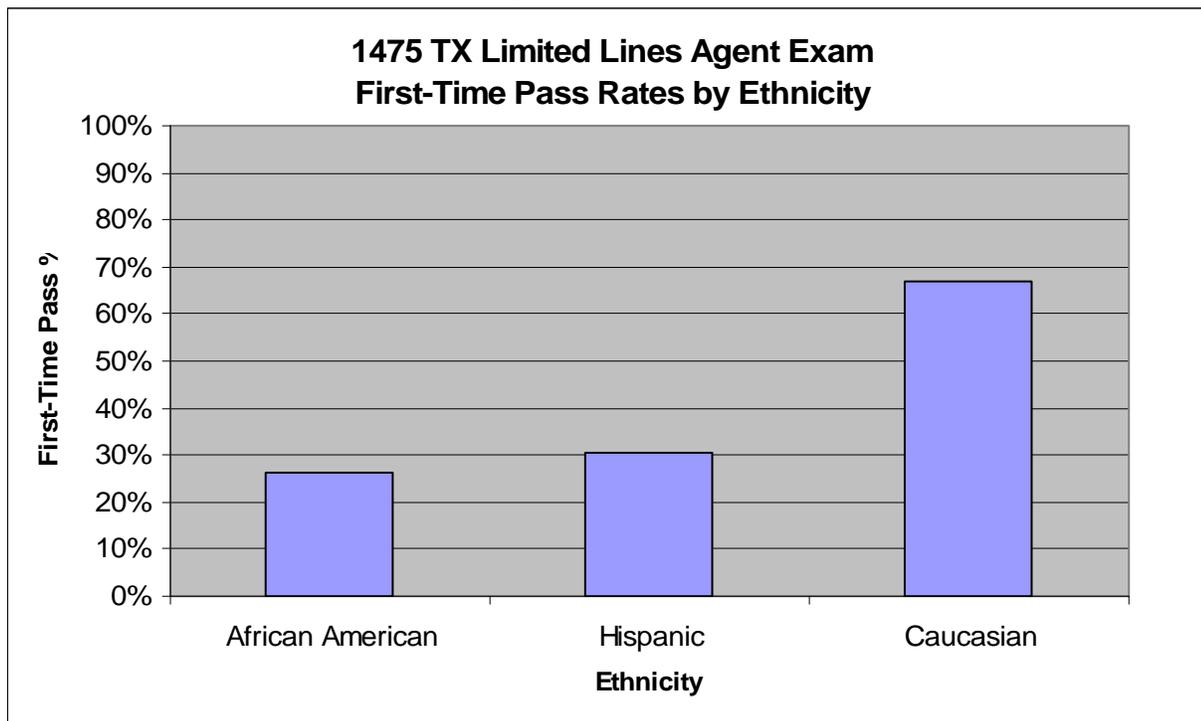
## SECTION 2: First-Time Examinees, Ethnicity by Pass/Fail Status

In all three English exams, pass rates for Caucasians were higher than pass rates for African-Americans or Hispanics.

**Table 7: 1475 Texas Limited Lines Agent Exam**

1475 TX Limited Lines Agent				
Ethnicity	Pass	Fail	Total	% of Total
African-American	34	96	130	7.9%
%	26.2%	73.8%	100.0%	
American Indian	1	8	9	0.5%
%	11.1%	88.9%	100.0%	
Hispanic	376	858	1234	74.9%
%	30.5%	69.5%	100.0%	
Caucasian	159	79	238	14.5%
%	66.8%	33.2%	100.0%	
Other	16	17	33	2.0%
%	48.5%	51.5%	100.0%	
No Response	3	0	3	0.2%
%	100.0%	0.0%	100.0%	
Total	589	1058	1647	100.0%
% of Total	35.8%	64.2%	100.0%	

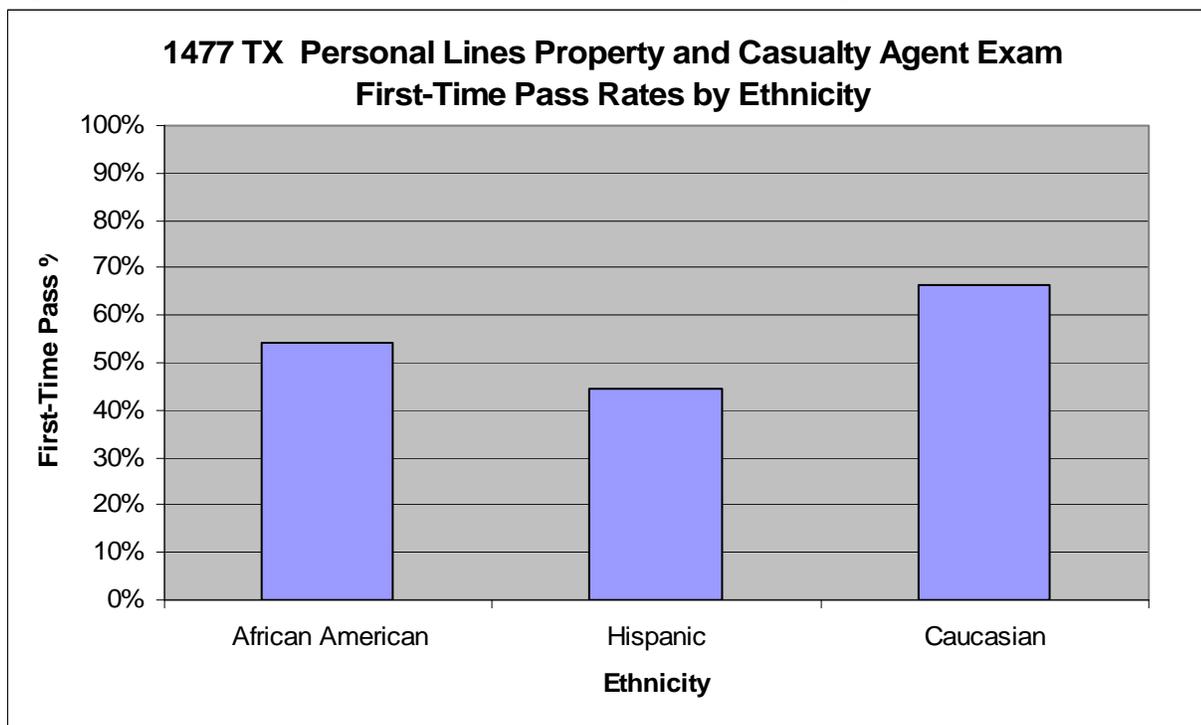
**Figure 4: 1475 Texas Limited Lines Agent Exam**



**Table 8: 1477 Texas Personal Lines Property and Casualty Agent Exam**

<b>1477 TX Personal Lines Property and Casualty Agent</b>				
<b>Ethnicity</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
African-American %	98 54.1%	83 45.9%	181 100.0%	11.4%
American Indian %	3 50.0%	3 50.0%	6 100.0%	0.4%
Hispanic %	271 44.4%	339 55.6%	610 100.0%	38.5%
Caucasian %	473 66.3%	240 33.7%	713 100.0%	45.0%
Other %	38 51.4%	36 48.6%	74 100.0%	4.7%
No Response %	0 0.0%	1 100.0%	1 100.0%	0.1%
Total % of Total	883 55.7%	702 44.3%	1585 100.0%	

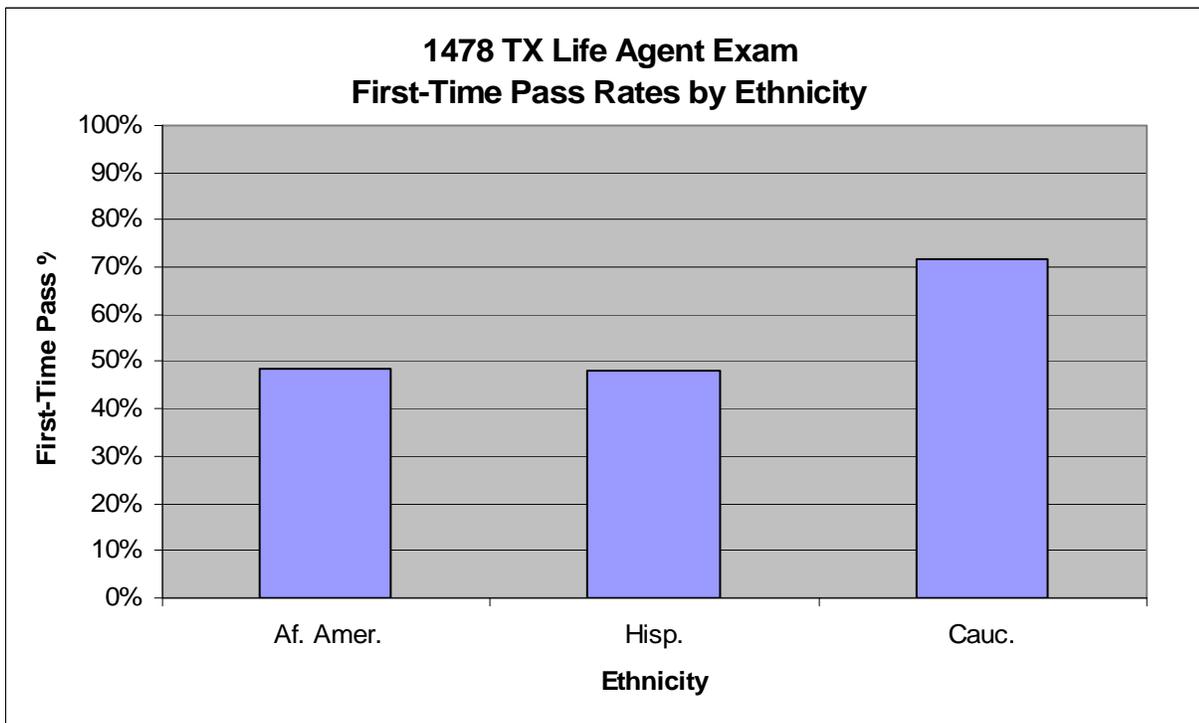
**Figure 5: 1477 Texas Personal Lines Property and Casualty Agent Exam**



**Table 9: 1478 Texas Life Agent Exam**

1478 TX Life Agent				
Ethnicity	Pass	Fail	Total	% of Total
African-American %	471 48.5%	500 51.5%	971 100.0%	22.5%
American Indian %	9 42.9%	12 57.1%	21 100.0%	0.5%
Hispanic %	670 48.2%	721 51.8%	1391 100.0%	32.3%
Caucasian %	1021 71.9%	400 28.1%	1421 100.0%	33.0%
Other %	238 47.3%	265 52.7%	503 100.0%	11.7%
No Response %	0 0.0%	1 100.0%	1 100.0%	0.0%
Total % of Total	2409 55.9%	1899 44.1%	4308 100.0%	100.0%

**Figure 6: 1478 Texas Life Agent Exam**



Spanish editions of the following exams had so few candidates that graphs would not be useful. Therefore, only data tables are provided.

**Table 10: 1575 Texas Limited Lines Agent Exam (Spanish version)**

<b>Ethnicity</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
African-American %	0 N.A.	0 N.A.	0 N.A.	0.0%
American Indian %	0 N.A.	0 N.A.	0 N.A.	0.0%
Hispanic %	0 0.0%	7 100.0%	7 100.0%	87.5%
Caucasian %	0 N.A.	0 N.A.	0 N.A.	0.0%
Other %	0 0.0%	1 100.0%	1 100.0%	12.5%
Total % of Total	0 0.0%	8 100.0%	8 100.0%	100.0%

**Table 11: 1577 Texas Personal Lines Property and Casualty Agent Exam (Spanish version)**

<b>Ethnicity</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
African-American %	0 N.A.	0 N.A.	0 N.A.	0.0%
American Indian %	0 N.A.	0 N.A.	0 N.A.	0.0%
Hispanic %	0 0.0%	9 100.0%	9 100.0%	100.0%
Caucasian %	0 N.A.	0 N.A.	0 N.A.	0.0%
Other %	0 N.A.	0 N.A.	0 N.A.	0.0%
Total % of Total	0 0.0%	9 100.0%	9 100.0%	100.0%

**Table 12: 1578 Texas Life Agent Exam (Spanish version)**

<b>Ethnicity</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
African-American %	0 N.A.	0 N.A.	0 N.A.	0.0%
American Indian %	0 N.A.	0 N.A.	0 N.A.	0.0%
Hispanic %	13 11.6%	99 88.4%	112 100.0%	99.1%
Caucasian %	0 N.A.	0 N.A.	0 N.A.	0.0%
Other %	0 0.0%	1 100.0%	1 100.0%	0.9%
Total % of Total	13 11.5%	100 88.5%	113 100.0%	100.0%

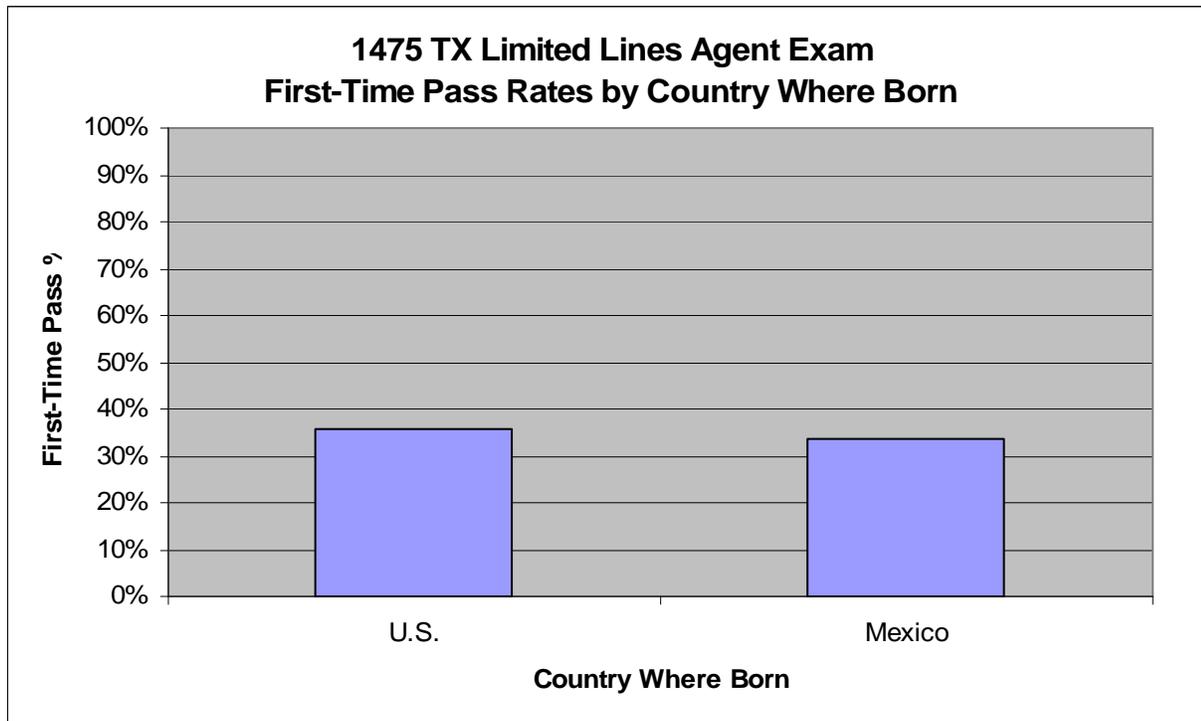
### SECTION 3: First-Time Examinees, Country Where Born by Pass/Fail Status

In the 1475 exam, U.S.-born and Mexican-born pass rates were about the same, but in the 1477 and 1478 English exams, U.S.-born pass rates were higher than Mexican-born pass rates.

**Table 13: 1475 Texas Limited Lines Agent Exam**

1475 TX Limited Lines Agent				
Country Where Born	Pass	Fail	Total	% of Total
United States	498	900	1398	84.9%
%	35.6%	64.4%	100.0%	
Mexico	61	120	181	11.0%
%	33.7%	66.3%	100.0%	
Viet Nam	1	0	1	0.1%
%	100.0%	0.0%	100.0%	
Central or South America	12	25	37	2.2%
%	32.4%	67.6%	100.0%	
None of the above	17	13	30	1.8%
%	56.7%	43.3%	100.0%	
Total	589	1058	1647	100.0%
% of Total	35.8%	64.2%	100.0%	

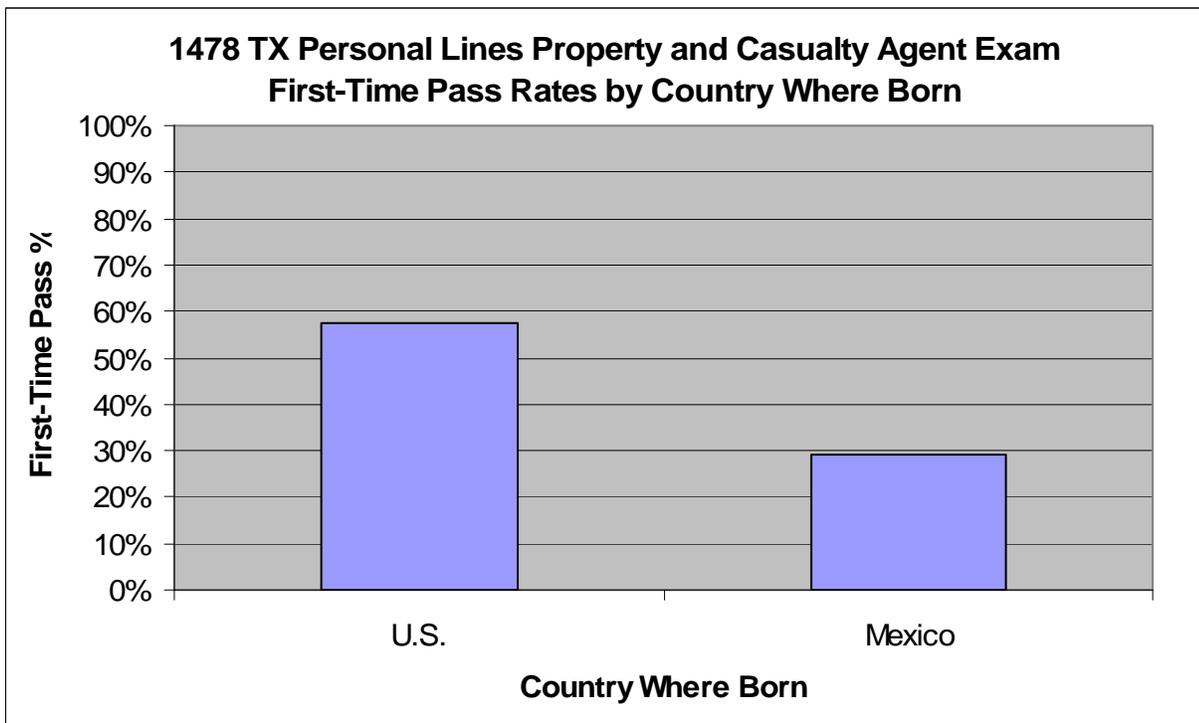
**Figure 7: 1475 Texas Limited Lines Agent Exam**



**Table 14: 1477 Texas Personal Lines Property and Casualty Agent Exam**

1477 TX Personal Lines Property and Casualty Agent				
Country Where Born	Pass	Fail	Total	% of Total
United States	814	599	1413	89.1%
%	57.6%	42.4%	100.0%	
Mexico	17	41	58	3.7%
%	29.3%	70.7%	100.0%	
Viet Nam	2	0	2	0.1%
%	100.0%	0.0%	100.0%	
Central or South America	8	22	30	1.9%
%	26.7%	73.3%	100.0%	
None of the above	42	40	82	5.2%
%	51.2%	48.8%	100.0%	
Total	883	702	1585	100.0%
% of Total	55.7%	44.3%	100.0%	

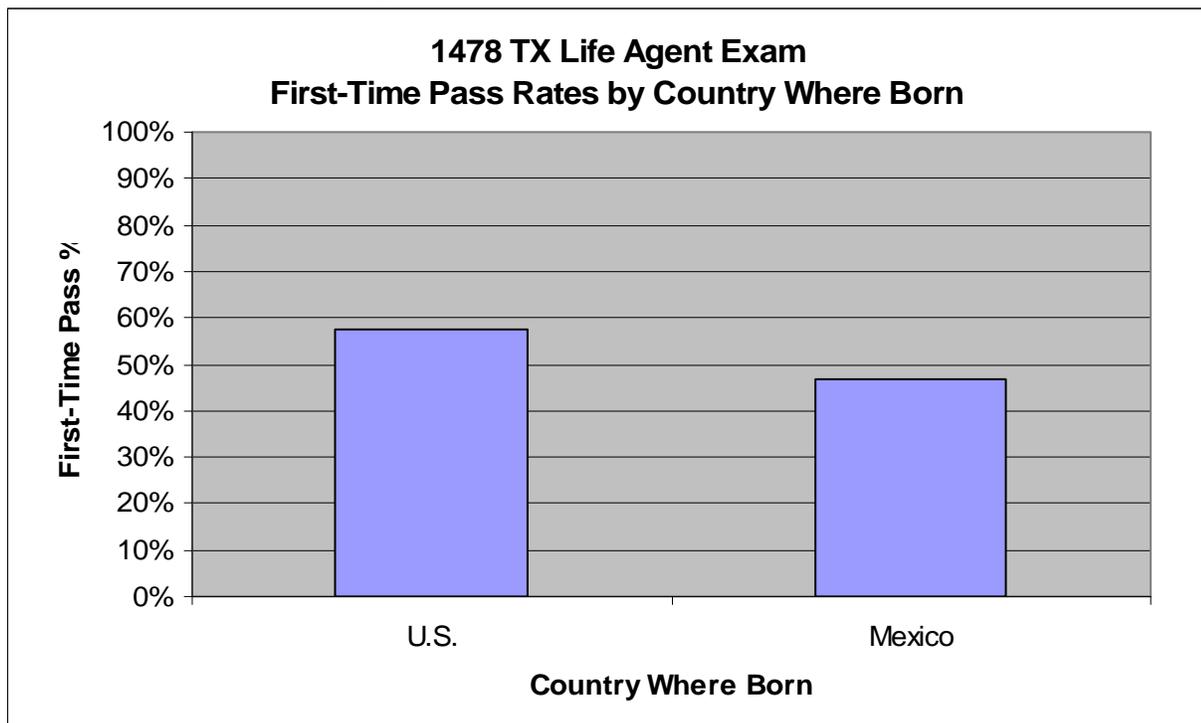
**Figure 8: 1477 Texas Personal Lines Property and Casualty Agent Exam**



**Table 15: 1478 Texas Life Agent Exam**

1478 TX Life Agent				
Country Where Born	Pass	Fail	Total	% of Total
United States	1975	1447	3422	79.4%
% United States	57.7%	42.3%	100.0%	
Mexico	118	135	253	5.9%
% Mexico	46.6%	53.4%	100.0%	
Viet Nam	25	44	69	1.6%
% Viet Nam	36.2%	63.8%	100.0%	
Central or South America	58	67	125	2.9%
% Central or South America	46.4%	53.6%	100.0%	
None of the above	233	205	438	10.2%
% None of the above	53.2%	46.8%	100.0%	
No Response	0	1	1	0.0%
% Pass/Fail	0.0%	100.0%	100.0%	
Total	2409	1899	4308	100.0%
% of Total	55.9%	44.1%	100.0%	

**Figure 9: 1478 Texas Life Agent Exam**



Spanish editions of the following exams had so few candidates that graphs would not be useful. Therefore, only data tables are provided.

**Table 16: 1575 Texas Limited Lines Agent Exam (Spanish version)**

Country Where Born	Pass	Fail	Total	% of Total
United States	0	4	4	50.0%
% United States	0.0%	100.0%	100.0%	
Mexico	0	3	3	37.5%
% Mexico	0.0%	100.0%	100.0%	
Viet Nam	0	0	0	0.0%
% Viet Nam	N.A.	N.A.	N.A.	
Central or South America	0	1	1	12.5%
% Central or South America	0.0%	100.0%	100.0%	
None of the above	0	0	0	0.0%
% None of the above	N.A.	N.A.	N.A.	
Total	0	8	8	100.0%
% of Total	0.0%	100.0%	100.0%	

**Table 17: 1577 Texas Personal Lines Property and Casualty Agent Exam (Spanish version)**

Country Where Born	Pass	Fail	Total	% of Total
United States	0	1	1	11.1%
% United States	0.0%	100.0%	100.0%	
Mexico	0	2	2	22.2%
% Mexico	0.0%	100.0%	100.0%	
Viet Nam	0	0	0	0.0%
% Viet Nam	N.A.	N.A.	N.A.	
Central or South America	0	5	5	55.6%
% Central or South America	0.0%	100.0%	100.0%	
None of the above	0	1	1	11.1%
% None of the above	0.0%	100.0%	100.0%	
Total	0	9	9	100.0%
% of Total	0.0%	100.0%	100.0%	

**Table 18: 1578 Texas Life Agent Exam (Spanish version)**

Country Where Born	Pass	Fail	Total	% of Total
United States	0	5	5	4.4%
% United States	0.0%	100.0%	100.0%	
Mexico	9	52	61	54.0%
% Mexico	14.8%	85.2%	100.0%	
Viet Nam	0	0	0	0.0%
% Viet Nam	N.A.	N.A.	N.A.	
Central or South America	4	37	41	36.3%
% Central or South America	9.8%	90.2%	100.0%	
None of the above	0	6	6	5.3%
% None of the above	0.0%	100.0%	100.0%	
Total	13	100	113	100.0%
% of Total	11.5%	88.5%	100.0%	

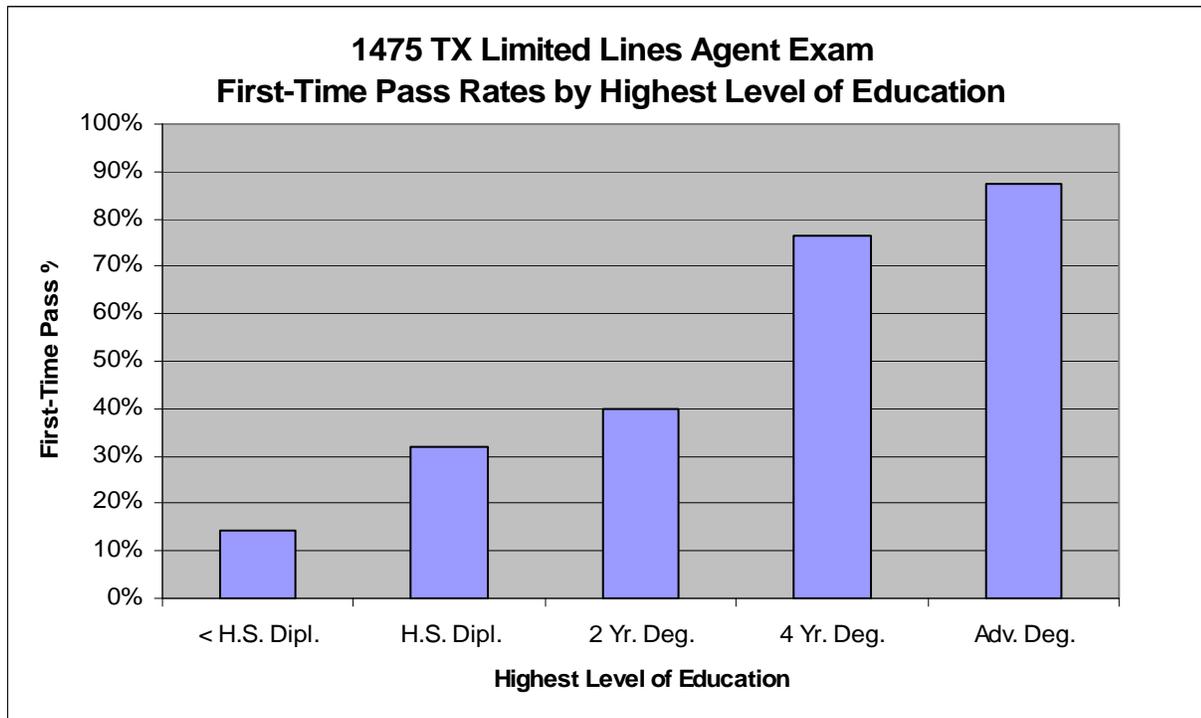
## SECTION 4: First-Time Examinees, Highest Level of Education by Pass/Fail Status

In all three English language exams, there was a strong trend indicating that, as candidates' highest level of education increased, so did the candidates' pass rates.

**Table 19: 1475 Texas Limited Lines Agent Exam**

1475 TX Limited Lines Agent				
Highest Ed. Level	Pass	Fail	Total	% of Total
< H.S. Diploma	10	60	70	4.3%
%	14.3%	85.7%	100.0%	
H.S. Diploma or Equiv.	378	807	1185	71.9%
%	31.9%	68.1%	100.0%	
2 Yr. Degree	109	164	273	16.6%
%	39.9%	60.1%	100.0%	
4 Yr. Degree	85	26	111	6.7%
%	76.6%	23.4%	100.0%	
Advanced Degree	7	1	8	0.5%
%	87.5%	12.5%	100.0%	
Total	589	1058	1647	100.0%
% of Total	35.8%	64.2%	100.0%	

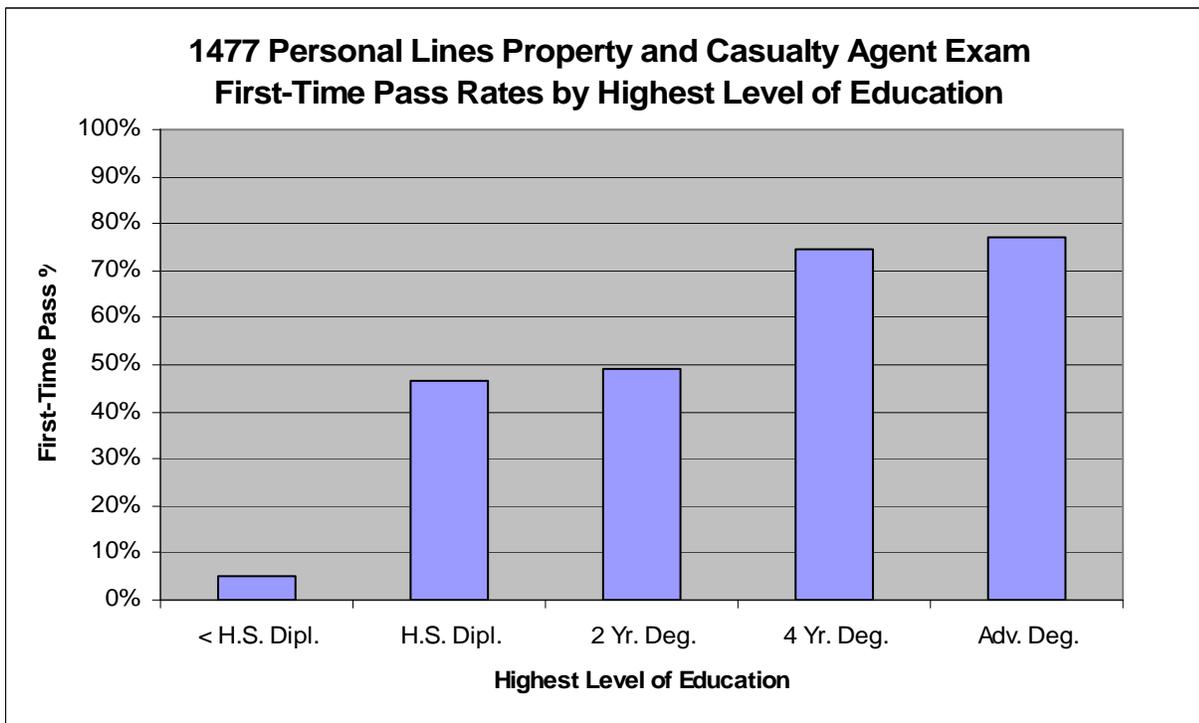
**Figure 10: 1475 Texas Limited Lines Agent Exam**



**Table 20: 1477 Texas Personal Lines Property and Casualty Agent Exam**

1477 TX Personal Lines Property and Casualty Agent				
Highest Ed. Level	Pass	Fail	Total	% of Total
< H.S. Diploma	1	18	19	1.2%
%	5.3%	94.7%	100.0%	
H.S. Diploma or Equiv.	335	381	716	45.2%
%	46.8%	53.2%	100.0%	
2 Yr. Degree	173	178	351	22.1%
%	49.3%	50.7%	100.0%	
4 Yr. Degree	320	109	429	27.1%
%	74.6%	25.4%	100.0%	
Advanced Degree	54	16	70	4.4%
%	77.1%	22.9%	100.0%	
Total	883	702	1585	100.0%
% of Total	55.7%	44.3%	100.0%	

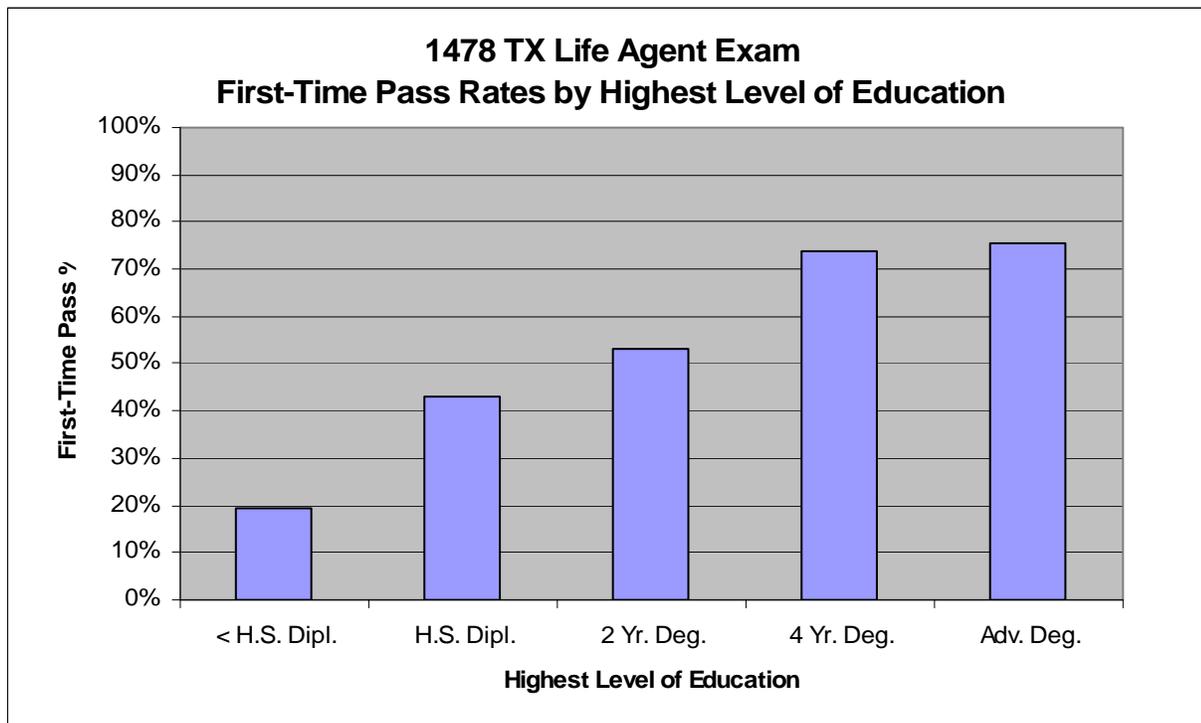
**Figure 11: 1477 Texas Personal Lines Property and Casualty Agent Exam**



**Table 21: 1478 Texas Life Agent Exam**

1478 TX Life Agent				
Highest Ed. Level	Pass	Fail	Total	% of Total
< H.S. Diploma %	15 19.2%	63 80.8%	78 100.0%	1.8%
H.S. Diploma or Equiv. %	758 43.0%	1004 57.0%	1762 100.0%	40.9%
2 Yr. Degree %	482 53.1%	425 46.9%	907 100.0%	21.1%
4 Yr. Degree %	942 73.7%	337 26.3%	1279 100.0%	29.7%
Advanced Degree %	212 75.4%	69 24.6%	281 100.0%	6.5%
No Response %	0 0.0%	1 100.0%	1 100.0%	0.0%
Total % of Total	2409 55.9%	1898 44.1%	4307 100.0%	

**Figure 12: 1478 Texas Life Agent Exam**



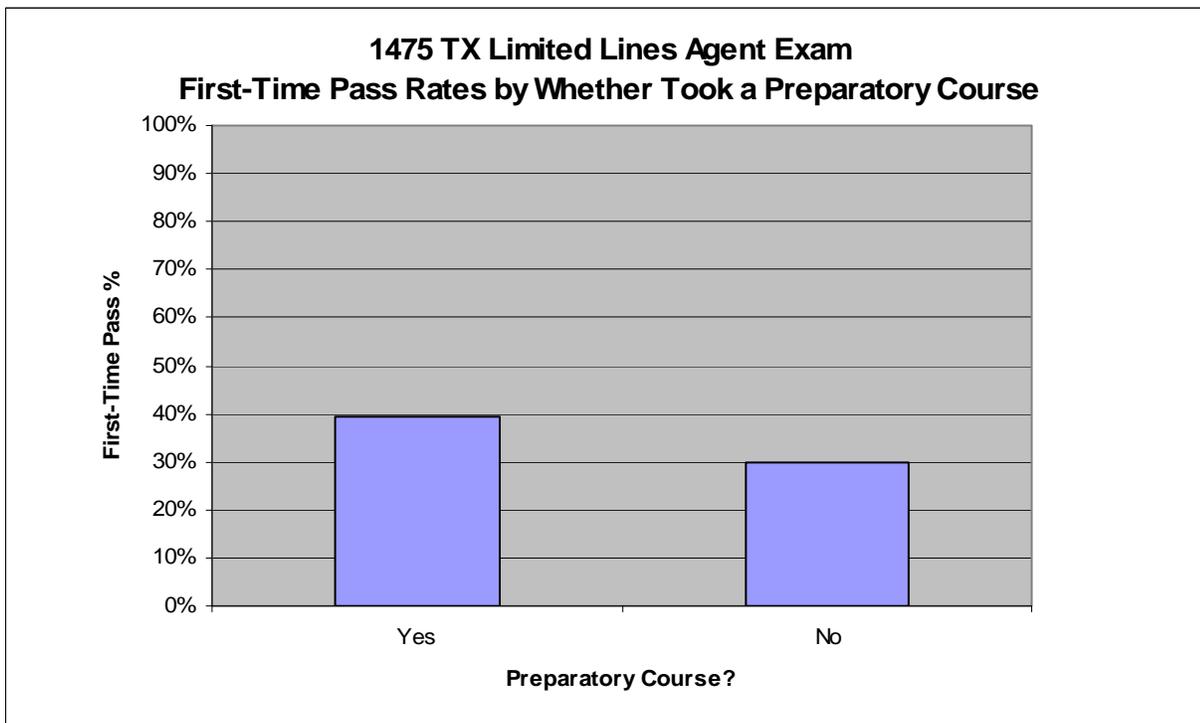
## SECTION 5: First-Time Examinees, Whether Candidates Took a Preparatory Course by Pass/Fail Status

In all three English language exams, candidates who took a preparatory course had higher pass rates than candidates who did not take a preparatory course.

**Table 22: 1475 Texas Limited Lines Agent Exam**

1475 TX Limited Lines Agent				
Prep. Course	Pass	Fail	Total	% of Total
Yes	400	615	1015	61.6%
%	39.4%	60.6%	100.0%	
No	189	443	632	38.4%
%	29.9%	70.1%	100.0%	
Total	589	1058	1647	100.0%
% of Total	35.8%	64.2%	100.0%	

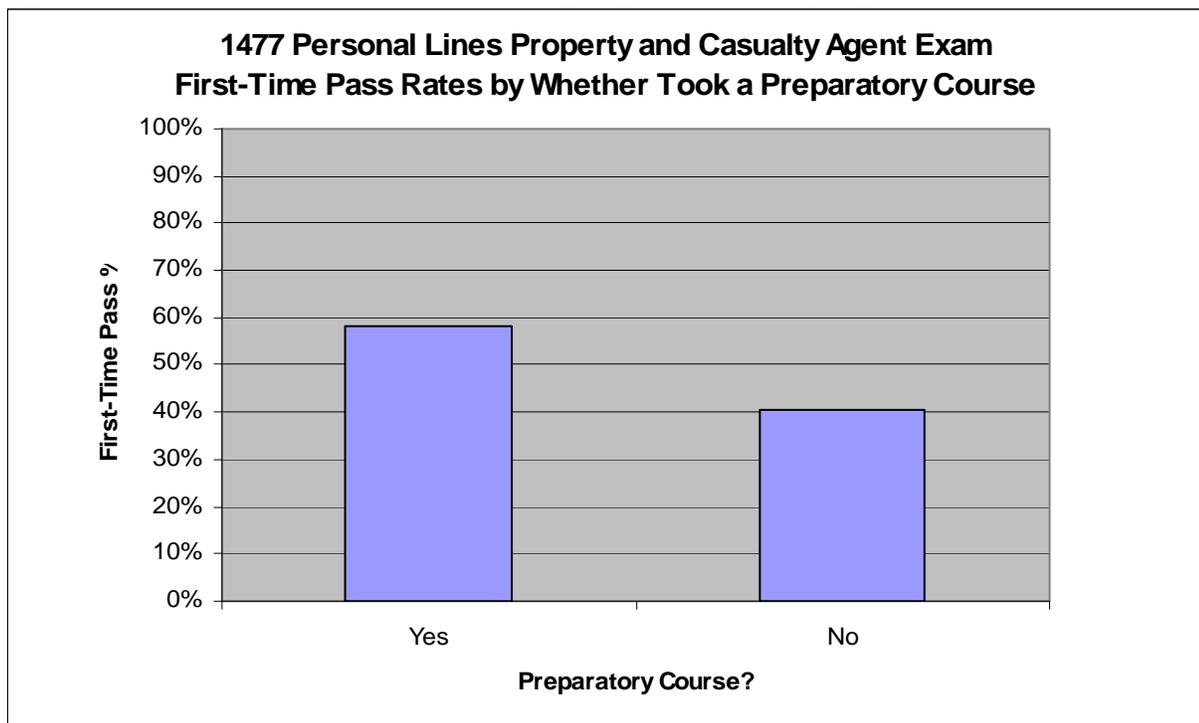
**Figure 13: 1475 Texas Limited Lines Agent Exam**



**Table 23: 1477 Texas Personal Lines Property and Casualty Agent Exam**

<b>1477 TX Personal Lines Property and Casualty Agent</b>				
<b>Prep. Course</b>	<b>Pass</b>	<b>Fail</b>	<b>Total</b>	<b>% of Total</b>
Yes	799	578	1377	86.9%
%	58.0%	42.0%	100.0%	
No	84	124	208	13.1%
%	40.4%	59.6%	100.0%	
Total	883	702	1585	100.0%
% of Total	55.7%	44.3%	100.0%	

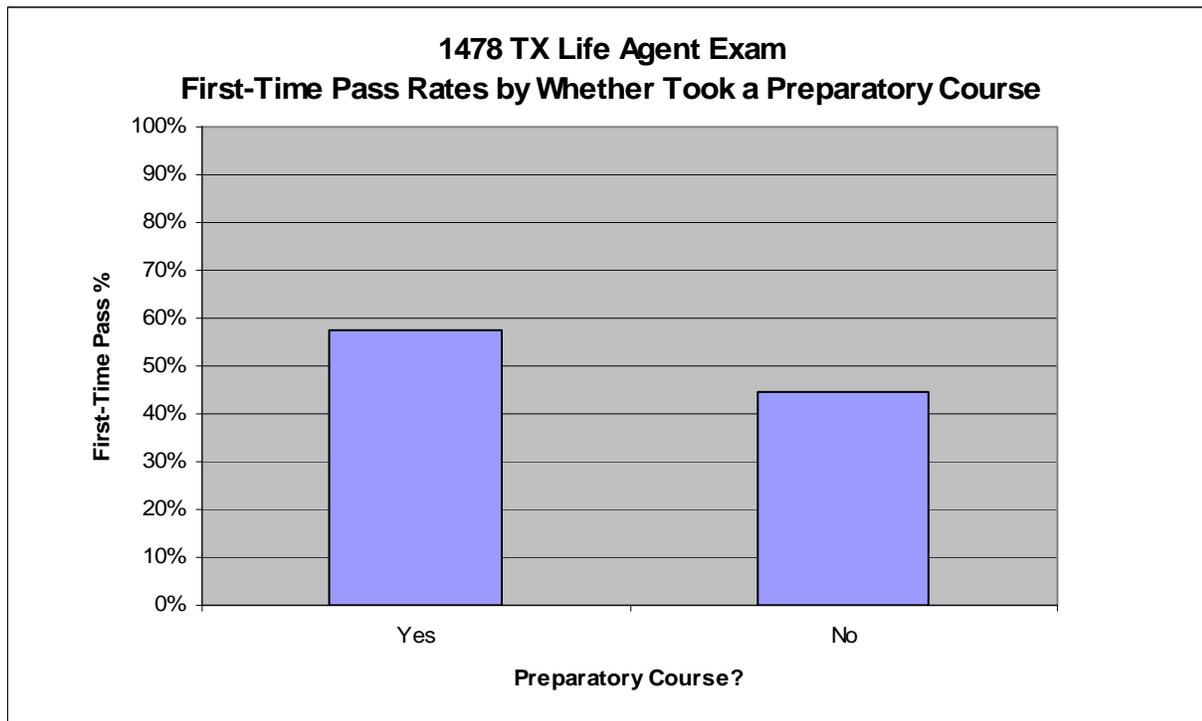
**Figure 14: 1477 Texas Personal Lines Property and Casualty Agent Exam**



**Table 24: 1478 Texas Life Agent Exam**

1478 TX Life Agent				
Prep. Course	Pass	Fail	Total	% of Total
Yes	2154	1580	3734	86.7%
%	57.7%	42.3%	100.0%	
No	255	318	573	13.3%
%	44.5%	55.5%	100.0%	
Total	2409	1898	4307	100.0%
% of Total	55.9%	44.1%	100.0%	

**Figure 15: 1478 Texas Life Agent Exam**



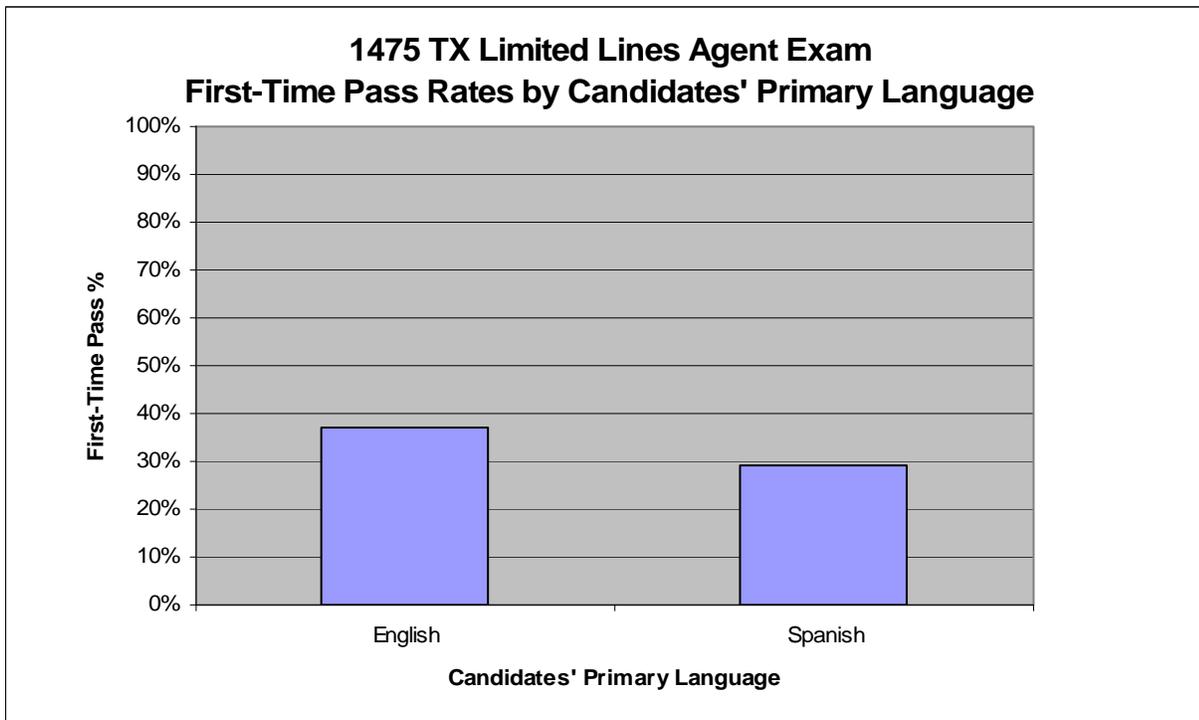
## SECTION 6: First-Time Examinees, Primary Language by Pass/Fail Status

In all three English language exams, candidates whose primary language is English had higher pass rates than candidates whose primary language is Spanish. This difference was greatest for the 1477 exam.

**Table 25: 1475 Texas Limited Lines Agent Exam**

1475 TX Limited Lines Agent				
Primary Language	Pass	Fail	Total	% of Total
English	505	861	1366	82.9%
%	37.0%	63.0%	100.0%	
Spanish	79	192	271	16.5%
%	29.2%	70.8%	100.0%	
Vietnamese	0	0	0	0.0%
%	N.A.	N.A.	N.A.	
Other	5	5	10	0.6%
%	50.0%	50.0%	100.0%	
Total	589	1058	1647	100.0%
% of Total	35.8%	64.2%	100.0%	

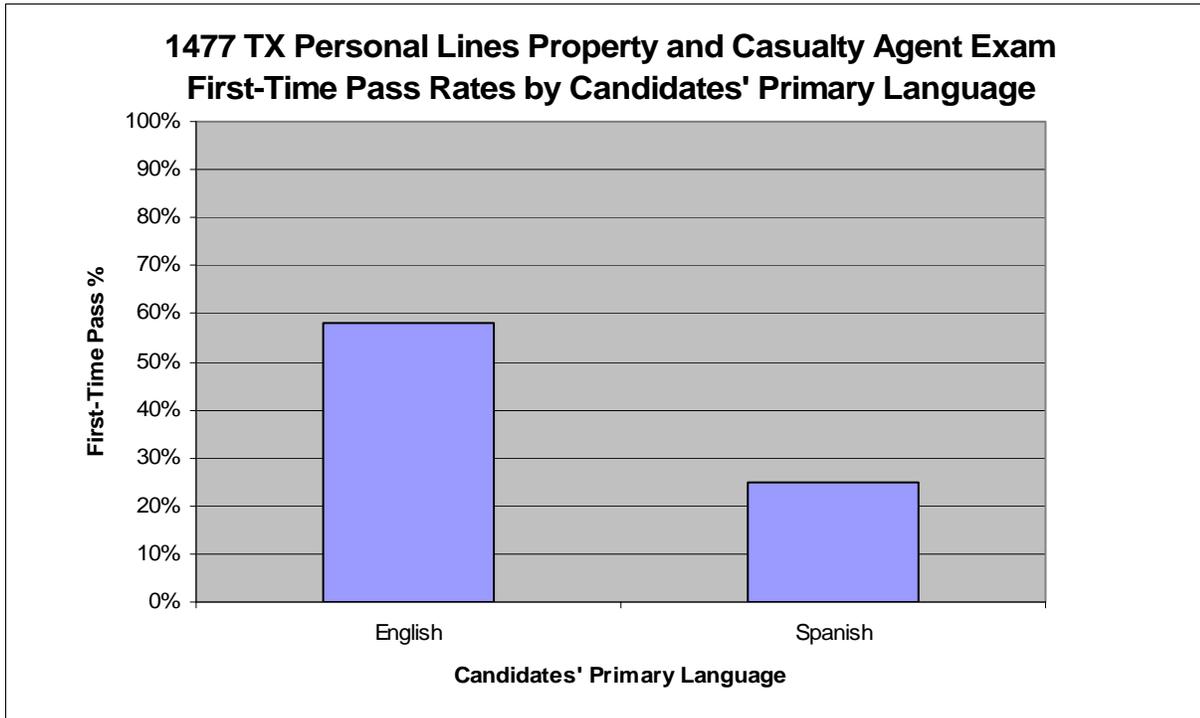
**Figure 16: 1475 Texas Limited Lines Agent Exam**



**Table 26: 1477 Texas Personal Lines Property and Casualty Agent Exam**

1477 TX Personal Lines Property and Casualty Agent				
Primary Language	Pass	Fail	Total	% of Total
English %	850 58.1%	612 41.9%	1462 100.0%	92.2%
Spanish %	24 24.7%	73 75.3%	97 100.0%	6.1%
Vietnamese %	1 50.0%	1 50.0%	2 100.0%	0.1%
Other %	8 33.3%	16 66.7%	24 100.0%	1.5%
Total % of Total	883 55.7%	702 44.3%	1585 100.0%	100.0%

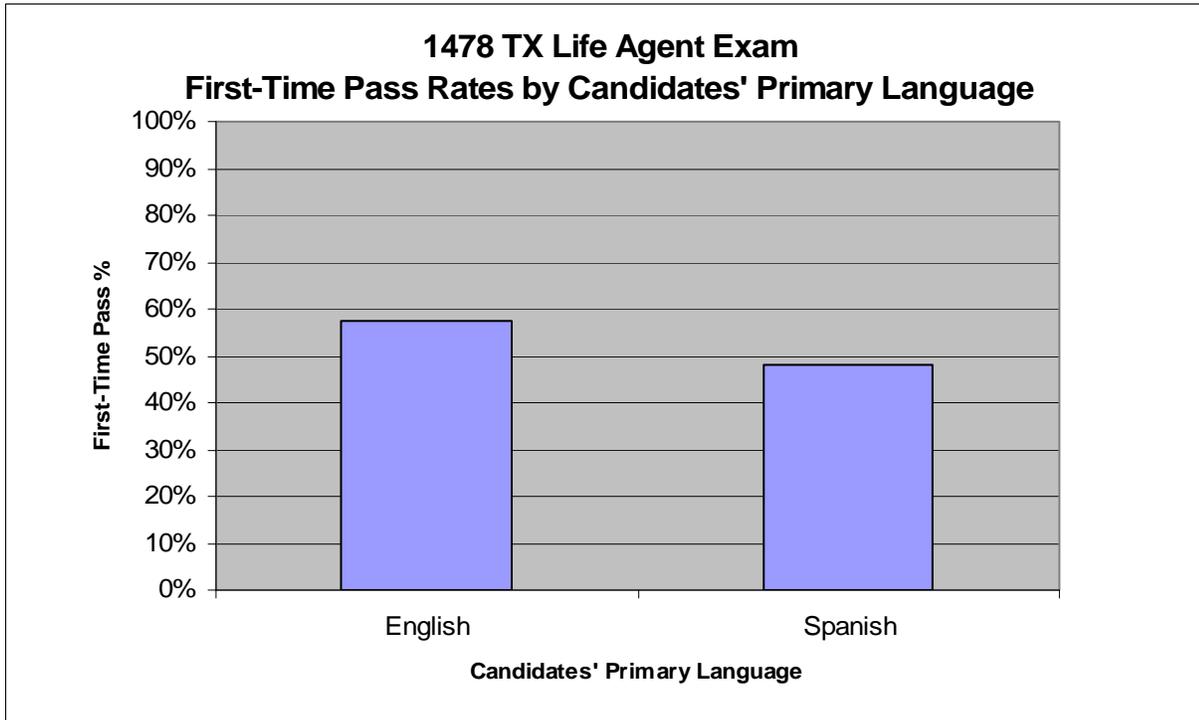
**Figure 17: 1477 Texas Personal Lines Property and Casualty Agent Exam**



**Table 27: 1478 Texas Life Agent Exam**

1478 TX Life Agent				
Primary Language	Pass	Fail	Total	% of Total
English	2058	1518	3576	83.0%
%	57.6%	42.4%	100.0%	
Spanish	214	232	446	10.4%
%	48.0%	52.0%	100.0%	
Vietnamese	23	39	62	1.4%
%	37.1%	62.9%	100.0%	
Other	114	109	223	5.2%
%	51.1%	48.9%	100.0%	
Total	2409	1898	4307	100.0%
% of Total	55.9%	44.1%	100.0%	

**Figure 18: 1478 Texas Life Agent Exam**



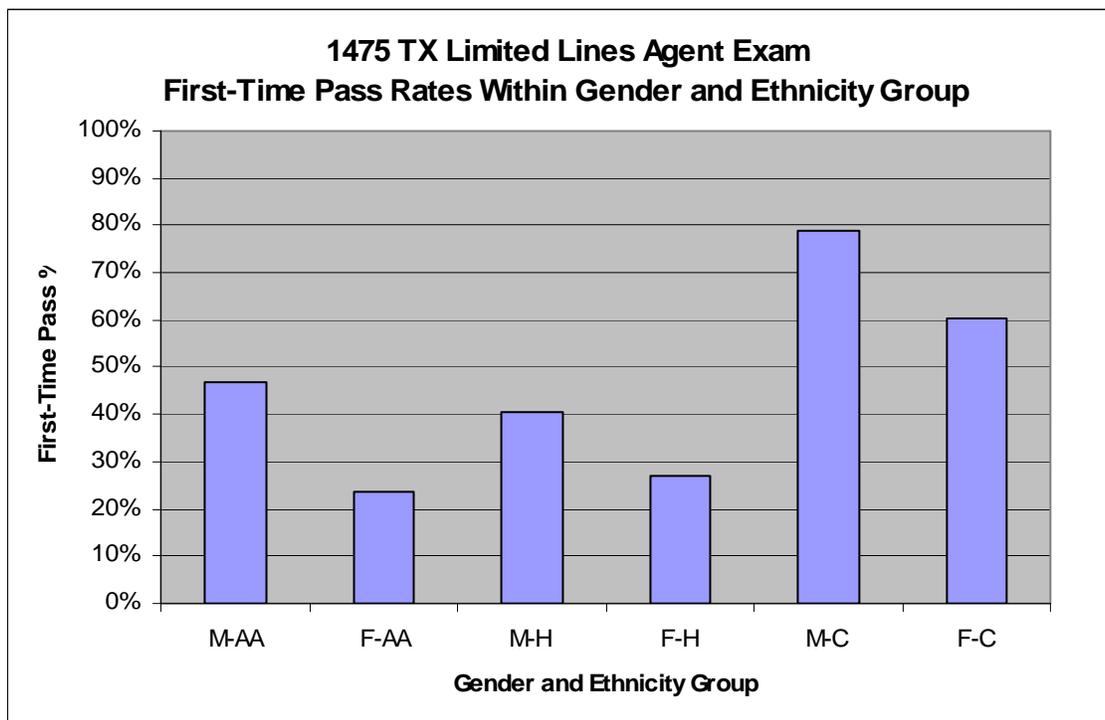
## SECTION 7: 1475 Exam First-Time Examinees, Gender, Ethnicity, and Highest Level of Education

In the 1475 exam, males' pass rates were higher than females' pass rates among African-Americans, Hispanics, and Caucasians. However, at each increasing level of education the proportion of males vs. females increased, and as level of education of males and females increased, the differences in pass rates between males and females significantly decreased. Also, the percent of female African-Americans and female Hispanics was greater than the percent of female Caucasians, and at the four-year degree level, the difference in pass rates between the three ethnic groups was significantly less.

**Table 27: 1475 First-Time Pass Rates Within Gender and Ethnicity Group**

		Ethnicity						
Gender		African-American	American Indian	Hispanic	Caucasian	Other	No Response	Total
Male	# 1st-Time Candidates	15	4	317	81	11	0	428
	% Pass	46.7%	25.0%	40.7%	79.0%	72.7%	N.A.	48.8%
Female	# 1st-Time Candidates	115	5	917	157	22	0	1216
	% Pass	23.5%	0.0%	26.9%	60.5%	36.4%	N.A.	31.0%
No Response	# 1st-Time Candidates	0	0	0	0	0	3	3
	% Pass	N.A.	N.A.	N.A.	N.A.	N.A.	100.0%	100.0%
Total	# 1st-Time Candidates	130	9	1234	238	33	3	1647
	% Pass	26.2%	11.1%	30.5%	66.8%	48.5%	100.0%	35.8%

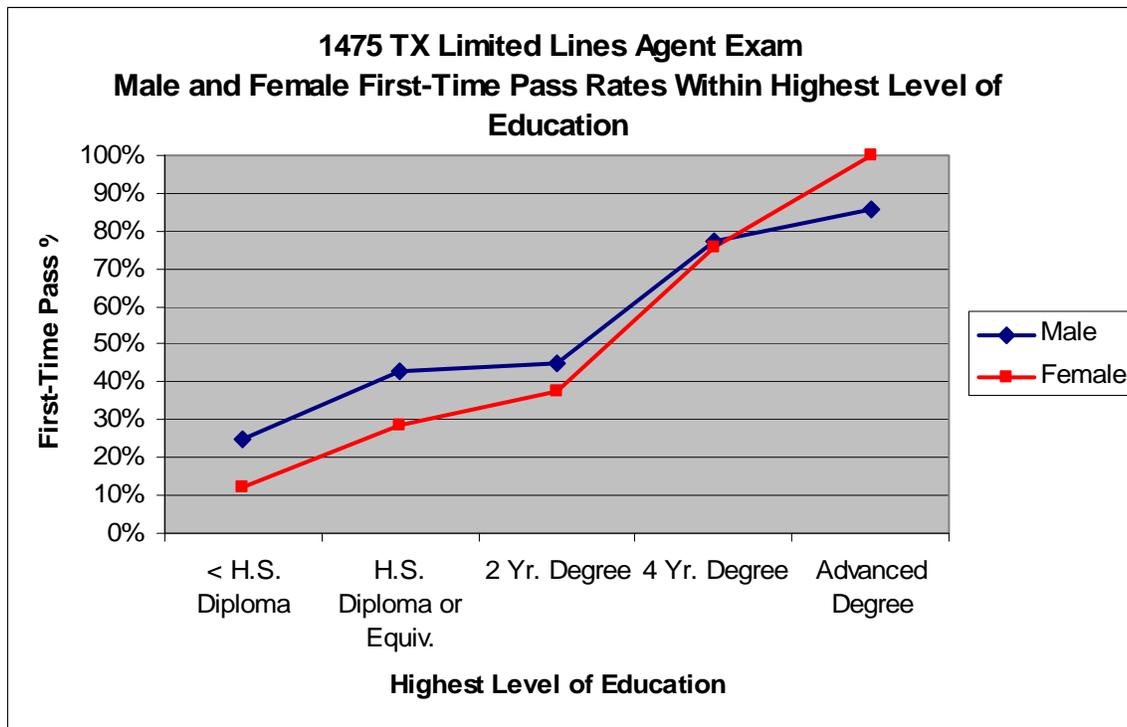
**Figure 19: 1475 First-Time Pass Rates Within Gender and Ethnicity Group**



**Table 28: 1475 Male and Female First-Time Pass Rates Within Highest Level of Education**

		Highest Level of Education					
Gender		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
Male	# 1st-Time Candidates	12	261	82	66	7	428
	% Pass	25.0%	42.9%	45.1%	77.3%	85.7%	48.8%
Female	# 1st-Time Candidates	58	921	191	45	1	1216
	% Pass	12.1%	28.6%	37.7%	75.6%	100.0%	31.0%
No Response	# 1st-Time Candidates	0	3	0	0	0	3
	% Pass	N.A.	100.0%	N.A.	N.A.	N.A.	100.0%
Total	# 1st-Time Candidates	70	1185	273	111	8	1647
	% Pass	14.3%	31.9%	39.9%	76.6%	87.5%	35.8%

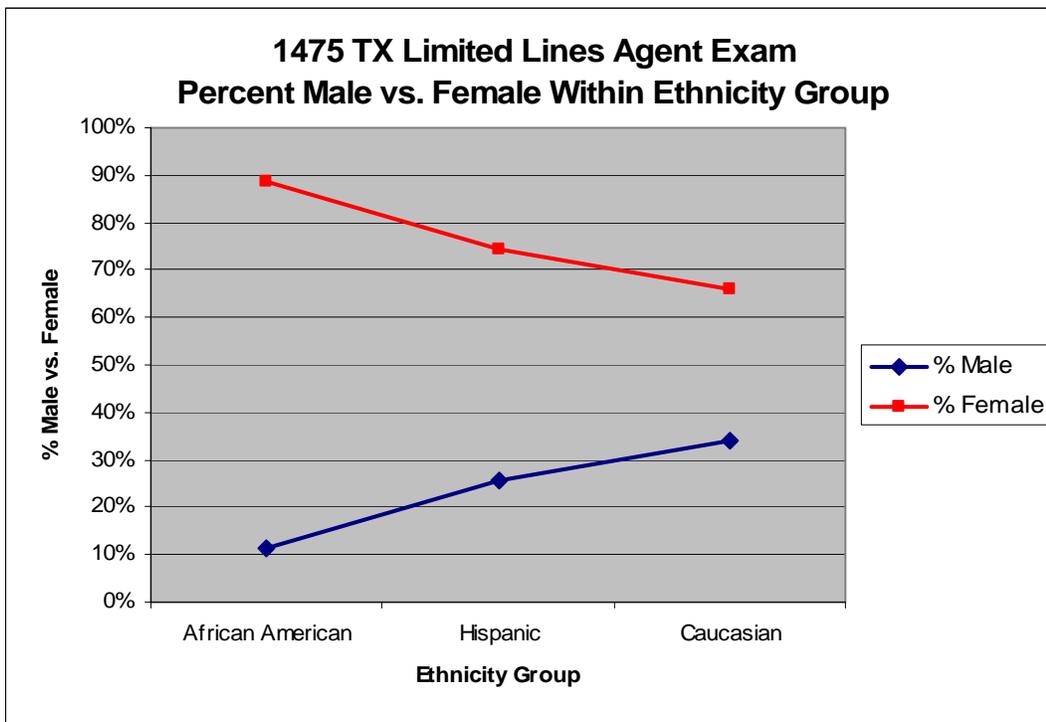
**Figure 20: 1475 Male and Female First-Time Pass Rates Within Highest Level of Education**



**Table 29: 1475 Percent Male vs. Female Within Highest Level of Education**

		Ethnicity							
Gender		African-American	American Indian	Hispanic	Caucasian	Other	No Response	Total	
Male	# 1st-Time Candidates	15	4	317	81	11	0	428	
	% of Ethnic Group	11.5%	44.4%	25.7%	34.0%	33.3%	0.0%	26.0%	
Female	# 1st-Time Candidates	115	5	917	157	22	0	1216	
	% of Ethnic Group	88.5%	55.6%	74.3%	66.0%	66.7%	0.0%	73.8%	
No Response	# 1st-Time Candidates	0	0	0	0	0	3	3	
	% of Ethnic Group	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.2%	
Total	# 1st-Time Candidates	130	9	1234	238	33	3	1647	
	% of Ethnic Group	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

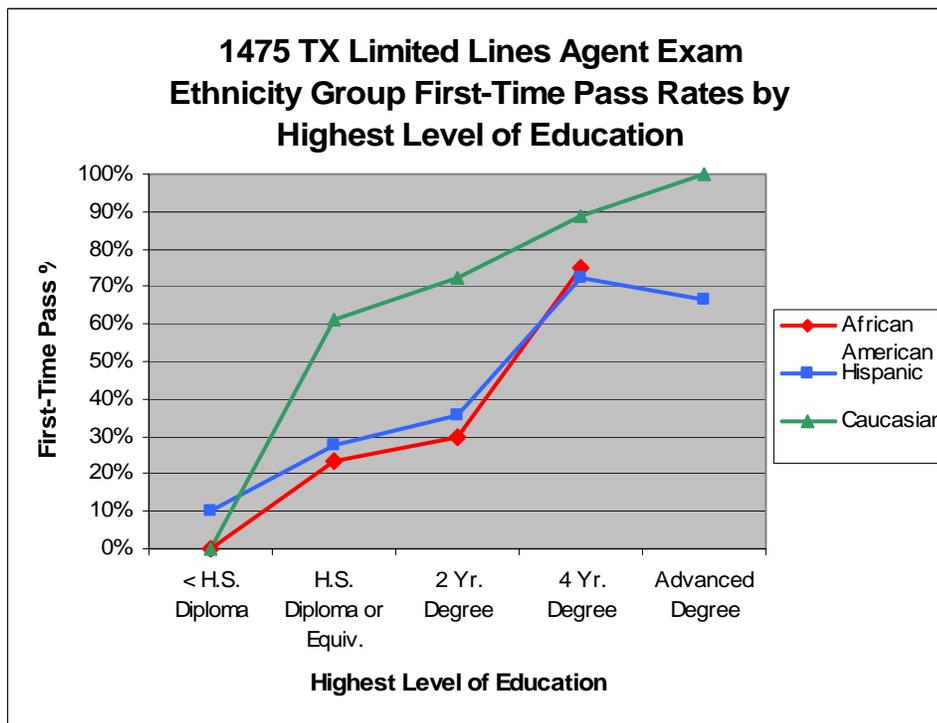
**Figure 21: 1475 Percent Male vs. Female Within Highest Level of Education**



**Table 30: 1475 Ethnicity Group First-Time Pass Rates by Highest Level of Education**

		Highest Level of Education					
Ethnicity		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
African-American	# 1st-Time Candidates	2	94	30	4	0	130
	% Pass	0.0%	23.4%	30.0%	75.0%	N.A.	26.2%
American Indian	# 1st-Time Candidates	1	4	1	3	0	9
	% Pass	100.0%	0.0%	0.0%	0.0%	N.A.	11.1%
Hispanic	# 1st-Time Candidates	58	916	195	62	3	1234
	% Pass	10.3	27.7%	35.4	72.6	66.7	30.5%
Caucasian	# 1st-Time Candidates	4	154	40	36	4	238
	% Pass	0.0%	61.0%	72.5%	88.9%	100.0%	66.8%
Other	# 1st-Time Candidates	5	14	7	6	1	33
	% Pass	60.0%	35.7%	28.6%	83.3%	100.0%	48.5%
No Response	# 1st-Time Candidates	0	3	0	0	0	3
	% Pass	N.A.	100.00%	N.A.	N.A.	N.A.	100.00%
Total	# 1st-Time Candidates	70	1185	273	111	8	1647
	% Pass	14.3%	31.9%	39.9%	76.6%	87.5%	35.8%

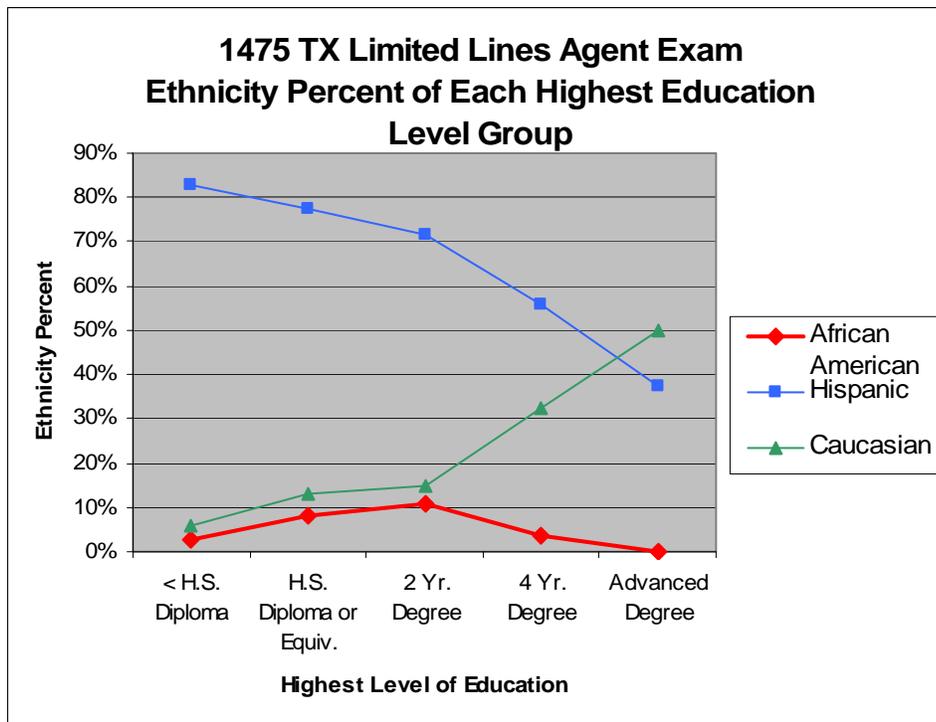
**Figure 22: 1475 Ethnicity Group First-Time Pass Rates by Highest Level of Education**



**Table 31: 1475 Percent of Each Ethnicity Group Within Highest Level of Education**

		Highest Level of Education					
Ethnicity		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
African-American	# 1st-Time Candidates	2	94	30	4	0	130
	% of Level of Educ.	2.9%	7.9%	11.0%	3.6%	0.0%	7.9%
Hispanic	# 1st-Time Candidates	58	916	195	62	3	1234
	% of Level of Educ.	82.9%	77.3%	71.4%	55.9%	37.5%	74.9%
Caucasian	# 1st-Time Candidates	4	154	40	36	4	238
	% of Level of Educ.	5.7%	13.0%	14.7%	32.4%	50.0%	14.5%
Total	# 1st-Time Candidates	70	1185	273	111	8	1647
	% of Level of Educ.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

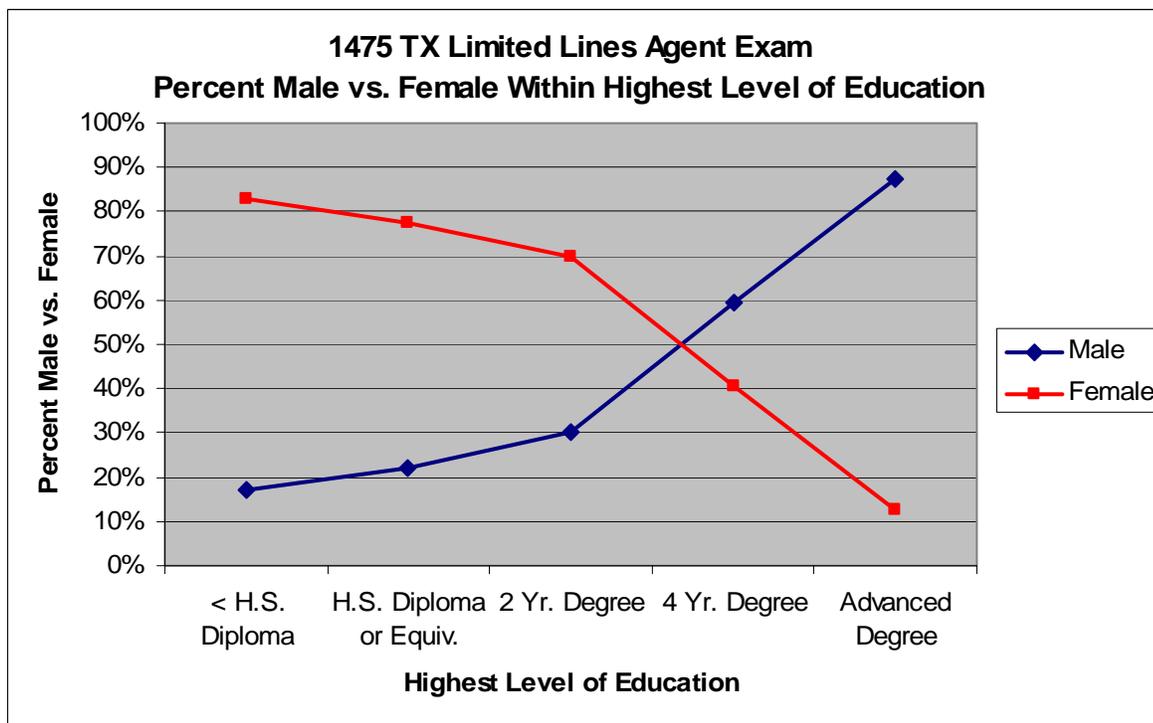
**Figure 23: 1475 Percent of Each Ethnicity Group Within Highest Level of Education**



**Table 32: 1475 Percent Male vs. Female Within Ethnicity Group**

		Highest Level of Education					
Gender		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
Male	# 1st-Time Candidates	12	261	82	66	7	428
	% of Level of Educ.	17.1%	22.0%	30.0%	59.5%	87.5%	26.0%
Female	# 1st-Time Candidates	58	921	191	45	1	1216
	% of Level of Educ.	82.9%	77.7%	70.0%	40.5%	12.5%	73.8%
No Response	# 1st-Time Candidates	0	3	0	0	0	3
	% of Level of Educ.	0.00%	0.3%	0.00%	0.00%	0.00%	0.2%
Total	# 1st-Time Candidates	70	1185	273	111	8	1647
	% of Level of Educ.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Figure 24: 1475 Percent Male vs. Female Within Ethnicity Group**



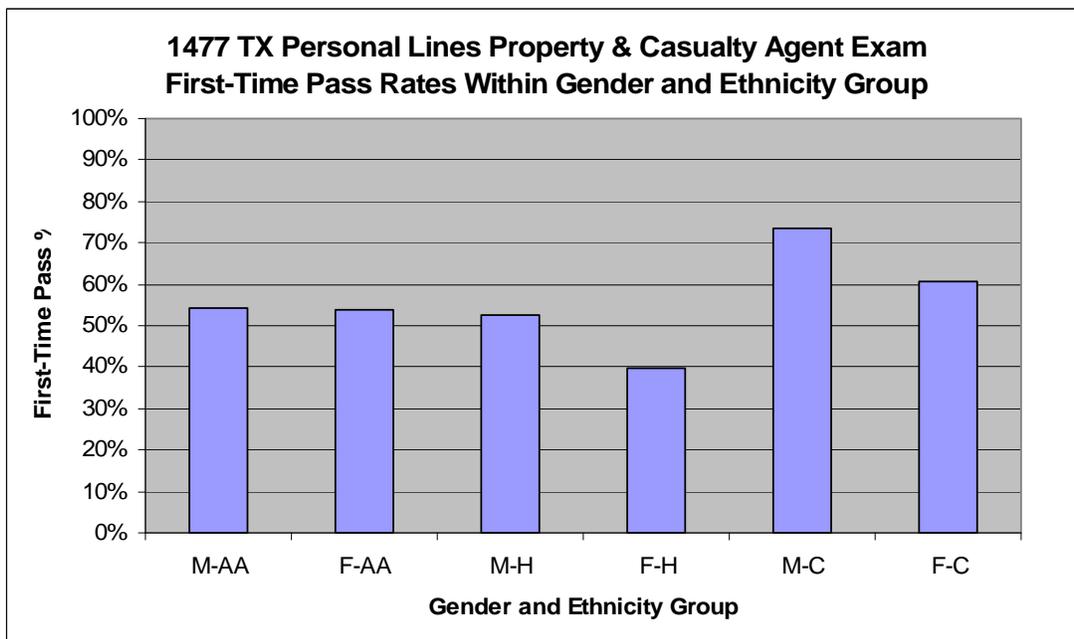
## SECTION 8: 1477 Exam First-Time Examinees, Gender, Ethnicity, and Highest Level of Education

In the 1477 exam, the pass rates for African-American males and females was about the same, but for Hispanics and Caucasians, males' pass rates were higher than females' pass rates. At each increasing level of education, the proportion of males vs. females increased, and as level of education of males and females increased, the differences in pass rates between males and females decreased. At the four-year degree level and above, the pass rates for males and females were the same. The percent of female African-Americans and female Hispanics was greater than the percent of female Caucasians. For Hispanics, as level of education increased, so did pass rate. For African-Americans and Caucasians, the relationship of level of education and pass rates was less clear. For Caucasians, pass rates at the high-school diploma and two-year degree levels were about the same. At the two-year degree level, pass rates for African-Americans and Caucasians were about the same, and at the four-year degree level, the pass rates of African-Americans and Hispanics were about the same.

**Table 33: 1477 First-Time Pass Rates Within Gender and Ethnicity Group**

		Ethnicity						
Gender		African-American	American Indian	Hispanic	Caucasian	Other	No Response	Total
Male	# 1st-Time Candidates	57	3	226	310	38	0	634
	% Pass	54.4%	66.7%	52.7%	73.5%	44.7%	N.A.	62.6%
Female	# 1st-Time Candidates	124	3	384	403	36	0	950
	% Pass	54.0%	33.3%	39.6%	60.8%	58.3%	N.A.	51.2%
No Response	# 1st-Time Candidates	0	0	0	0	0	1	1
	% Pass	N.A.	N.A.	N.A.	N.A.	N.A.	0.0%	0.0%
Total	# 1st-Time Candidates	181	6	610	713	74	1	1585
	% Pass	54.1%	50.0%	44.4%	66.3%	51.4%	0.0%	55.7%

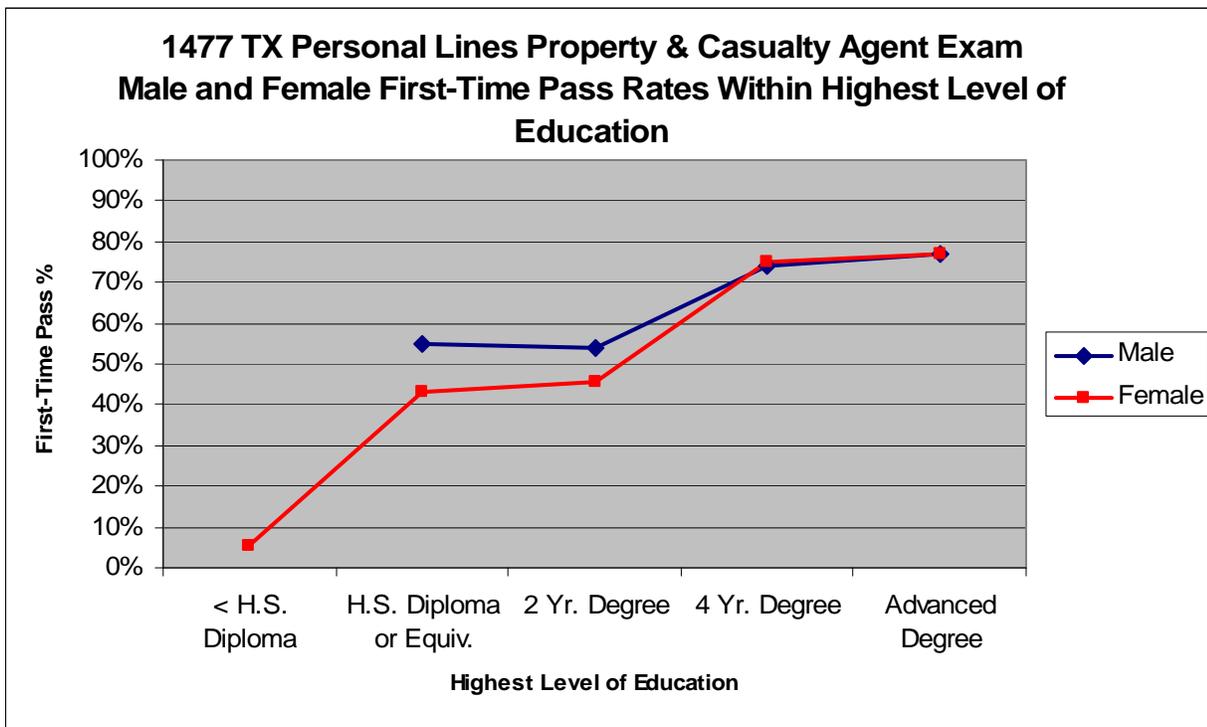
**Figure 25: 1477 First-Time Pass Rates Within Gender and Ethnicity Group**



**Table 34: 1477 Male and Female First-Time Pass Rates Within Highest Level of Education**

		Highest Level of Education					
Gender		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
Male	# 1st-Time Candidates	0	222	157	220	35	634
	% Pass	N.A.	55.0%	54.1%	74.1%	77.1%	62.6%
Female	# 1st-Time Candidates	18	494	194	209	35	950
	% Pass	5.6%	43.1%	45.4%	75.1%	77.1%	51.2%
No Response	# 1st-Time Candidates	1	0	0	0	0	1
	% Pass	0.0%	N.A.	N.A.	N.A.	N.A.	0.0%
Total	# 1st-Time Candidates	19	716	351	429	70	1585
	% Pass	5.3%	46.8%	49.3%	74.6%	77.1%	55.7%

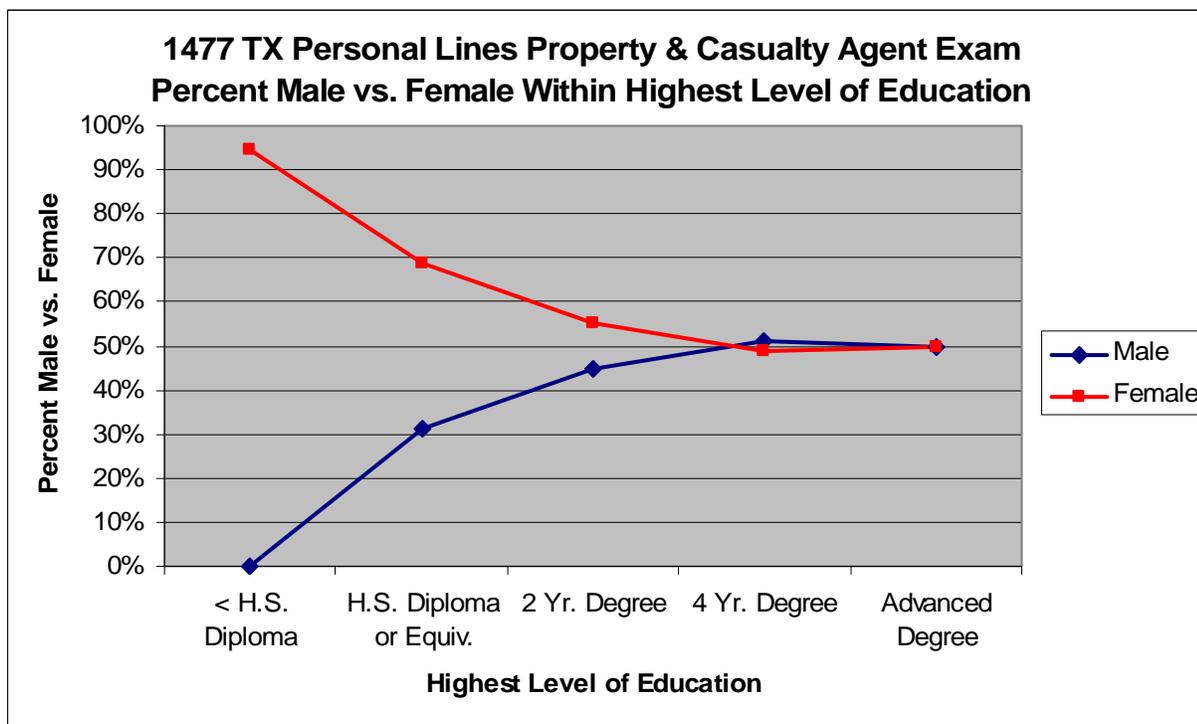
**Figure 26: 1477 Male and Female First-Time Pass Rates Within Highest Level of Education**



**Table 35: 1477 Percent Male vs. Female Within Highest Level of Education**

		Highest Level of Education					
Gender		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
Male	# 1st-Time Candidates	0	222	157	220	35	634
	% of Level of Educ.	0.0%	31.0%	44.7%	51.3%	50.0%	40.0%
Female	# 1st-Time Candidates	18	494	194	209	35	950
	% of Level of Educ.	94.7%	69.0%	55.3%	48.7%	50.0%	59.9%
No Response	# 1st-Time Candidates	1	0	0	0	0	1
	% of Level of Educ.	5.30%	0.0%	0.0%	0.0%	0.0%	0.1%
Total	# 1st-Time Candidates	19	716	351	429	70	1585
	% of Level of Educ.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

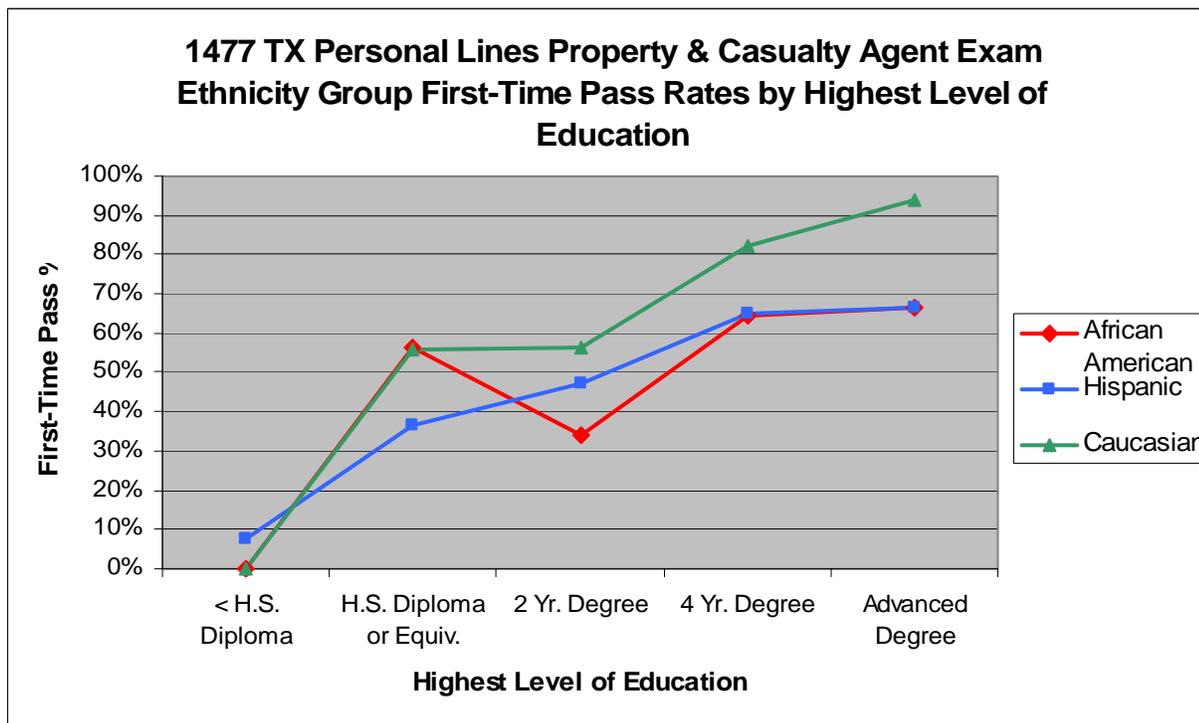
**Figure 27: 1477 Percent Male vs. Female Within Highest Level of Education**



**Table 36: 1477 Ethnicity Group First-Time Pass Rates by Highest Level of Education**

Ethnicity		Highest Level of Education					Total
		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	
African-American	# 1st-Time Candidates	1	71	41	56	12	181
	% Pass	0.0%	56.3%	34.1%	64.3%	66.7%	54.1%
American Indian	# 1st-Time Candidates	1	1	1	3	0	6
	% Pass	0.0%	0.0%	0.0%	100.0%	N.A.	50.0%
Hispanic	# 1st-Time Candidates	13	326	150	100	21	610
	% Pass	7.7%	36.8%	47.3%	65.0%	66.7%	44.4%
Caucasian	# 1st-Time Candidates	2	296	139	244	32	713
	% Pass	0.0%	55.7%	56.1%	82.0%	93.8%	66.3%
Other	# 1st-Time Candidates	1	22	20	26	5	74
	% Pass	0.0%	45.5%	50.0%	61.5%	40.0%	51.4%
No Response	# 1st-Time Candidates	1	0	0	0	0	1
	% Pass	0.0%	N.A.	N.A.	N.A.	N.A.	0.0%
Total	# 1st-Time Candidates	19	716	351	429	70	1585
	% Pass	5.3%	46.8%	49.3%	74.6%	77.1%	55.7%

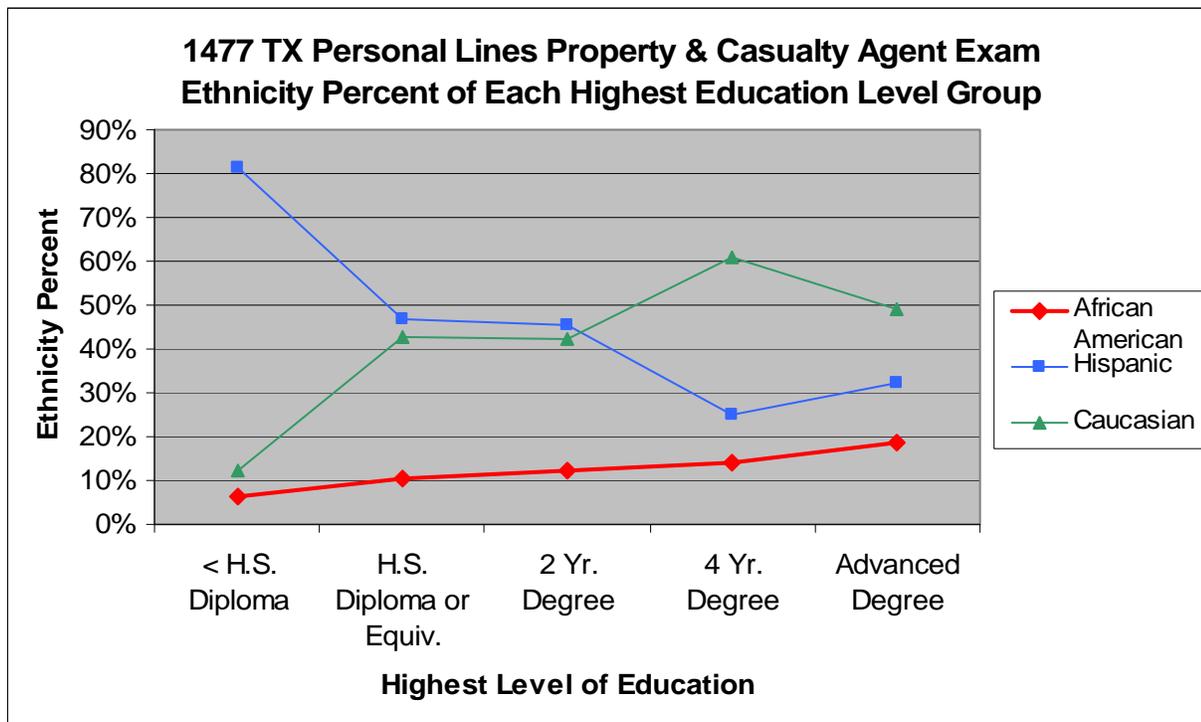
**Figure 28: 1477 Ethnicity Group First-Time Pass Rates by Highest Level of Education**



**Table 37: 1477 Percent of Each Ethnicity Group Within Highest Level of Education**

		Highest Level of Education					
Ethnicity		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
African-American	# 1st-Time Candidates	1	71	41	56	12	181
	% of Level of Educ.	6.3%	10.2%	12.4%	14.0%	18.5%	12.0%
Hispanic	# 1st-Time Candidates	13	326	150	100	21	610
	% of Level of Educ.	81.3%	47.0%	45.5%	25.0%	32.3%	40.6%
Caucasian	# 1st-Time Candidates	2	296	139	244	32	713
	% of Level of Educ.	12.5%	42.7%	42.1%	61.0%	49.2%	47.4%
Total	# 1st-Time Candidates	16	693	330	400	65	1504
	% of Level of Educ.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

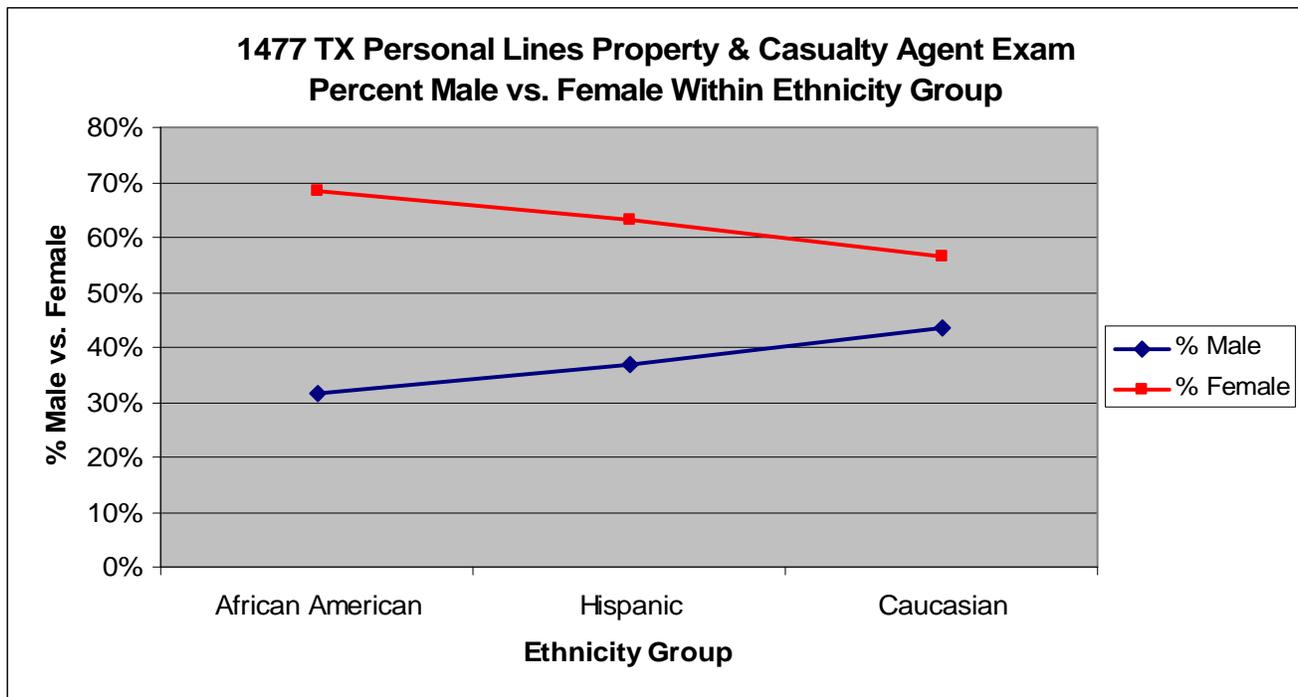
**Figure 29: 1477 Percent of Each Ethnicity Group Within Highest Level of Education**



**Table 38: 1477 Percent Male vs. Female Within Ethnicity Group**

		Ethnicity						
Gender		African-American	American Indian	Hispanic	Caucasian	Other	No Response	Total
Male	# 1st-Time Candidates	57	3	226	310	38	0	634
	% of Ethnic Group	31.5%	50.0%	37.0%	43.5%	51.4%	0.0%	40.0%
Female	# 1st-Time Candidates	124	3	384	403	36	0	950
	% of Ethnic Group	68.5%	50.0%	63.0%	56.5%	48.6%	0.0%	59.9%
No Response	# 1st-Time Candidates	0	0	0	0	0	1	1
	% of Ethnic Group	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.1%
Total	# 1st-Time Candidates	181	6	610	713	74	1	1585
	% of Ethnic Group	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Figure 30: 1477 Percent Male vs. Female Within Ethnicity Group**



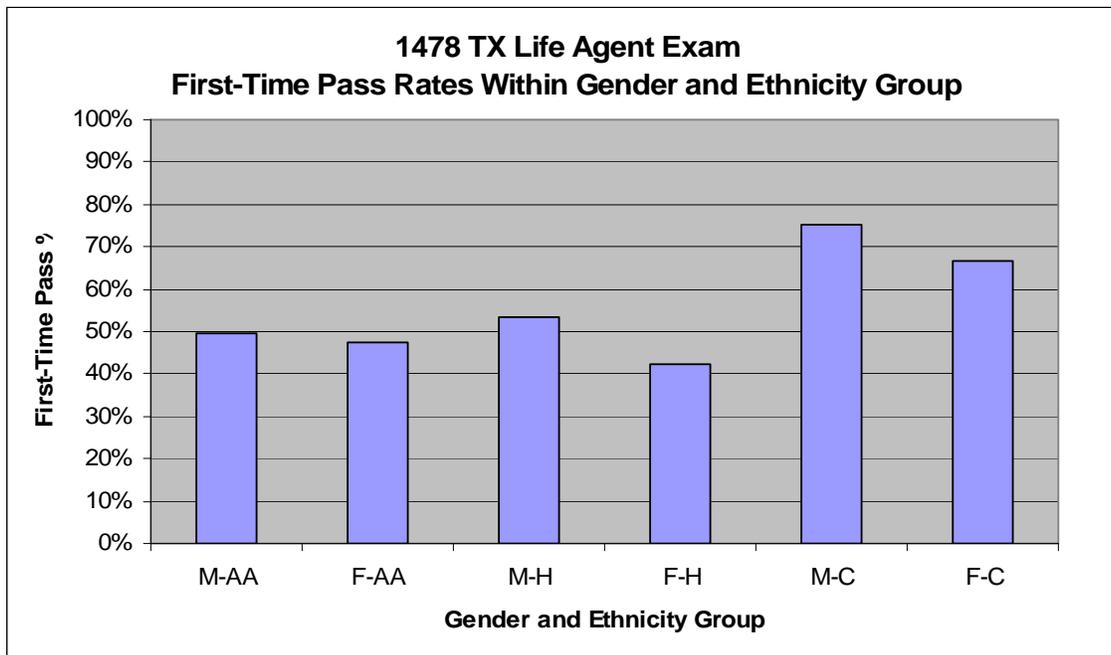
## SECTION 9: 1478 Exam First-Time Examinees, Gender, Ethnicity, and Highest Level of Education

In the 1478 exam, pass rates for African-American males and females was about the same, and for Hispanics and Caucasians, males' pass rates were higher than females' pass rates. For all three ethnicity groups, males' pass rates were higher than females' pass rates at all levels of education, and the proportion of males vs. females at the four-year degree level was significantly higher than at the other levels of education. Among the three ethnicity groups, the proportion that is male was greater for Caucasians, but gender distribution was about the same for African-Americans and Hispanics. At all levels of education, the pass rates for Caucasians was higher than for African-Americans and Hispanics, but there was not as much difference between Caucasians and Hispanics at the four-year degree level of education. Also, the difference in proportions of Caucasians vs. Hispanics and African-Americans was greater at the four-year degree level of education than at other levels of education.

**Table 39: 1478 First-Time Pass Rates Within Gender and Ethnicity Group**

		Ethnicity						
Gender		African-American	American Indian	Hispanic	Caucasian	Other	No Response	Total
Male	# 1st-Time Candidates	467	8	714	851	245	0	2285
	% Pass	49.7%	62.5%	53.6%	75.3%	49.8%	N.A.	60.5%
Female	# 1st-Time Candidates	504	13	677	570	258	0	2022
	% Pass	47.4%	30.8%	42.4%	66.7%	45.0%	N.A.	50.7%
No Response	# 1st-Time Candidates	0	0	0	0	0	1	1
	% Pass	N.A.	N.A.	N.A.	N.A.	N.A.	0.0%	0.0%
Total	# 1st-Time Candidates	971	21	1391	1421	503	1	4308
	% Pass	48.5%	42.9%	48.2%	71.9%	47.3%	0.0%	55.9%

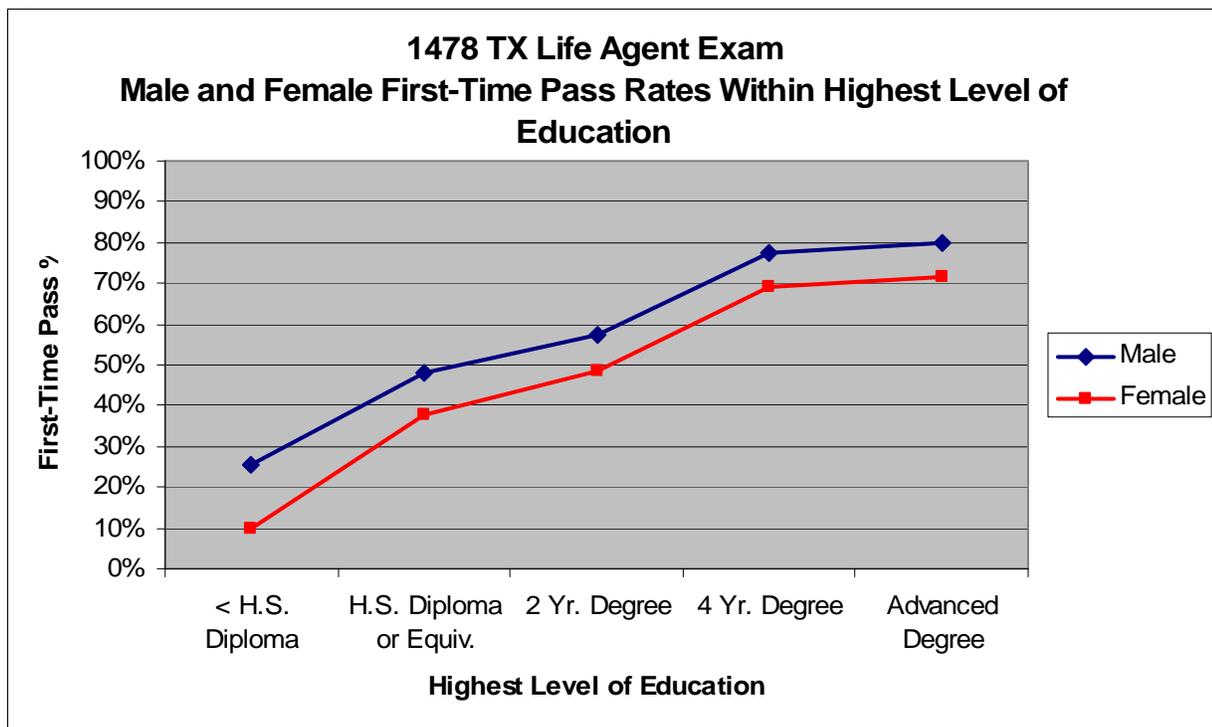
**Figure 31: 1478 First-Time Pass Rates Within Gender and Ethnicity Group**



**Table 40: 1478 Male and Female First-Time Pass Rates Within Highest Level of Education**

		Highest Level of Education					
Gender		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
Male	# 1st-Time Candidates	47	919	468	717	134	2285
	% Pass	25.5%	48.0%	57.3%	77.4%	79.9%	60.5%
Female	# 1st-Time Candidates	31	843	439	562	147	2022
	% Pass	9.7%	37.6%	48.7%	68.9%	71.4%	50.7%
Total	# 1st-Time Candidates	78	1762	907	1279	281	4307
	% Pass	19.2%	43.0%	53.1%	73.7%	75.4%	55.9%

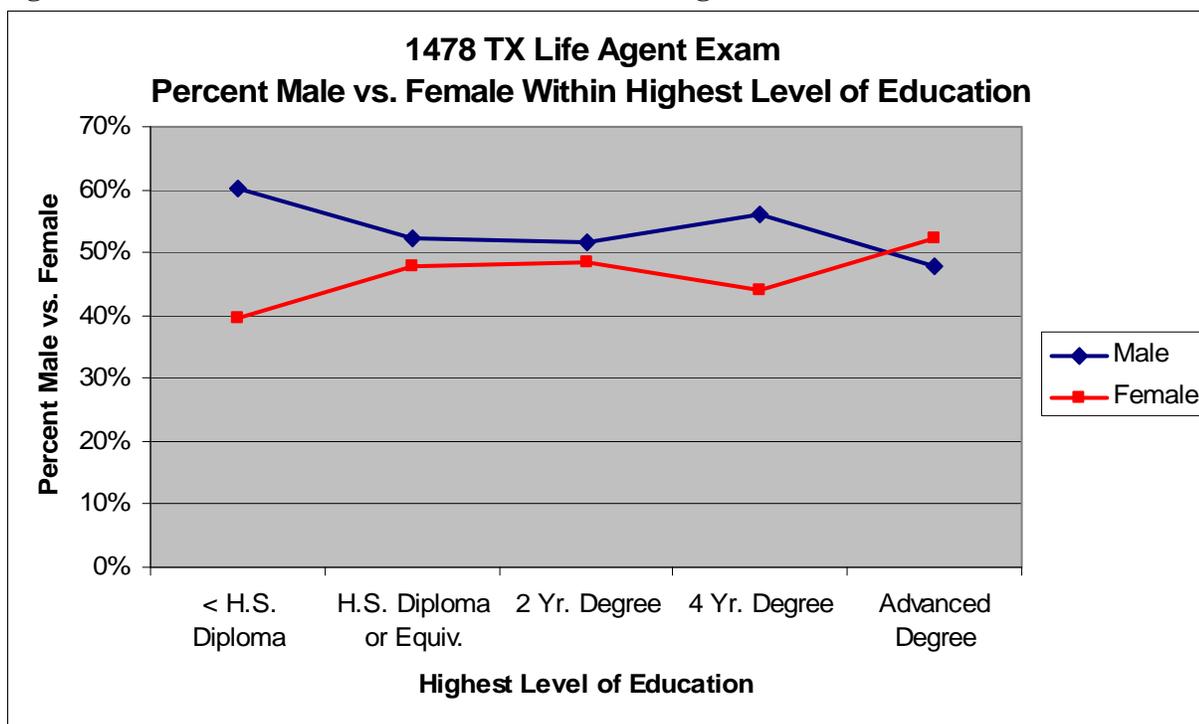
**Figure 32: 1478 Male and Female First-Time Pass Rates Within Highest Level of Education**



**Table 41: 1478 Percent Male vs. Female Within Highest Level of Education**

		Highest Level of Education					
Gender		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
Male	# 1st-Time Candidates	47	919	468	717	134	2285
	% of Level of Educ.	60.3%	52.2%	51.6%	56.1%	47.7%	53.1%
Female	# 1st-Time Candidates	31	843	439	562	147	2022
	% of Level of Educ.	39.7%	47.8%	48.4%	43.9%	52.3%	46.9%
Total	# 1st-Time Candidates	78	1762	907	1279	281	4307
	% of Level of Educ.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Figure 33: 1478 Percent Male vs. Female Within Highest Level of Education**

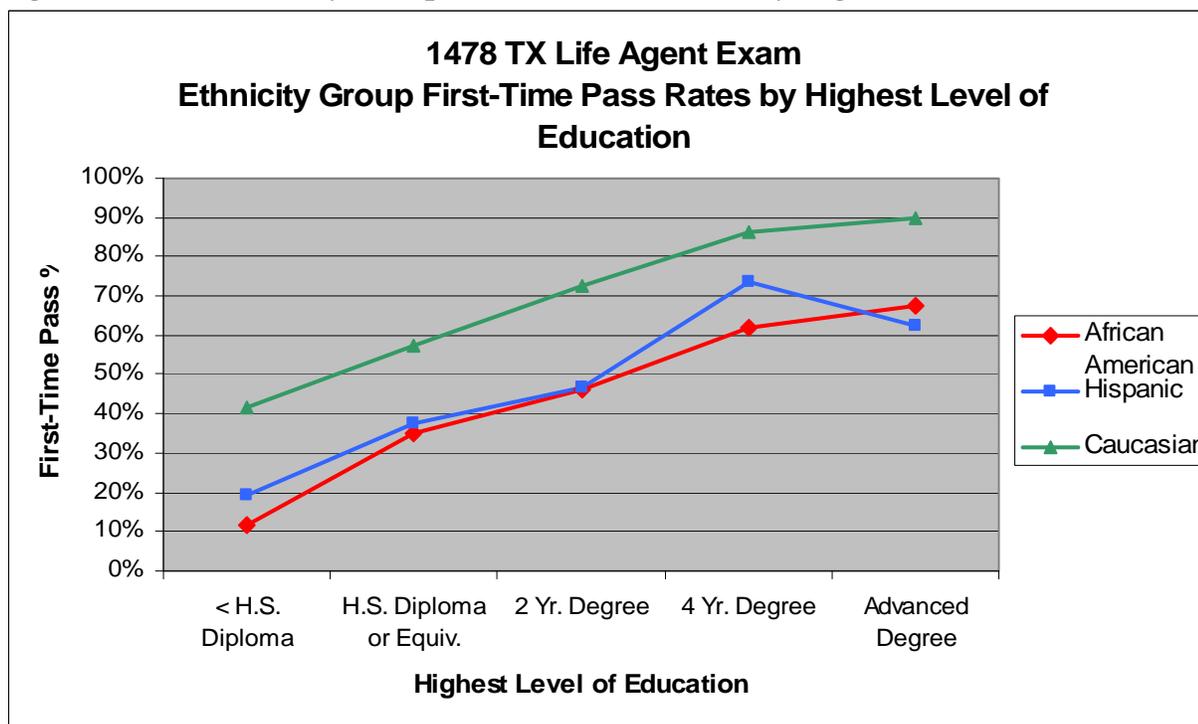


**Table 42: 1478 Ethnicity Group First-Time Pass Rates by Highest Level of Education\***

		Highest Level of Education					
Ethnicity		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
African-American	# 1st-Time Candidates	17	335	235	292	92	971
	% Pass	11.8%	35.2%	46.0%	62.0%	67.4%	48.5%
American Indian	# 1st-Time Candidates	2	11	2	2	4	21
	% Pass	0.0%	36.4%	50.0%	0.0%	100.0%	42.9%
Hispanic	# 1st-Time Candidates	36	675	316	308	56	1391
	% Pass	19.4%	37.5%	46.8%	73.7%	62.5%	48.2%
Caucasian	# 1st-Time Candidates	12	583	256	489	81	1421
	% Pass	41.7%	57.5%	72.7%	86.3%	90.1%	71.9%
Other	# 1st-Time Candidates	11	158	98	188	48	503
	% Pass	9.1%	30.4%	39.8%	59.6%	79.2%	47.3%
Total	# 1st-Time Candidates	78	1762	907	1279	281	4307
	% Pass	19.2%	43.0%	53.1%	73.7%	75.4%	55.9%

\* One candidate with no information about gender, ethnicity, or level of education was not included in this table.

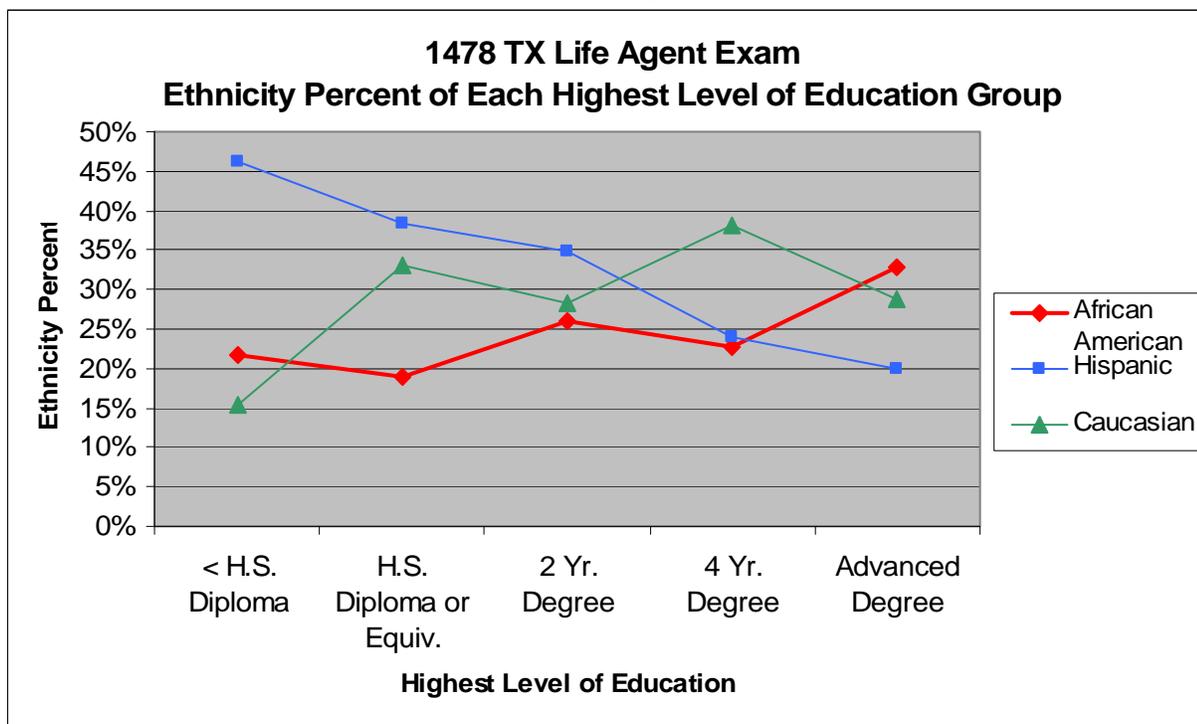
**Figure 34: 1478 Ethnicity Group First-Time Pass Rates by Highest Level of Education**



**Table 43: 1478 Percent of Each Ethnicity Group Within Highest Level of Education**

		Highest Level of Education					
Ethnicity		< H.S. Diploma	H.S. Diploma or Equiv.	2 Yr. Degree	4 Yr. Degree	Advanced Degree	Total
African-American	# 1st-Time Candidates	17	335	235	292	92	971
	% of Level of Educ.	21.8%	19.0%	25.9%	22.8%	32.7%	22.5%
Hispanic	# 1st-Time Candidates	36	675	316	308	56	1391
	% of Level of Educ.	46.2%	38.3%	34.8%	24.1%	19.9%	32.3%
Caucasian	# 1st-Time Candidates	12	583	256	489	81	1421
	% of Level of Educ.	15.4%	33.1%	28.2%	38.2%	28.8%	33.0%
Total	# 1st-Time Candidates	78	1762	907	1279	281	4307
	% of Level of Educ.	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

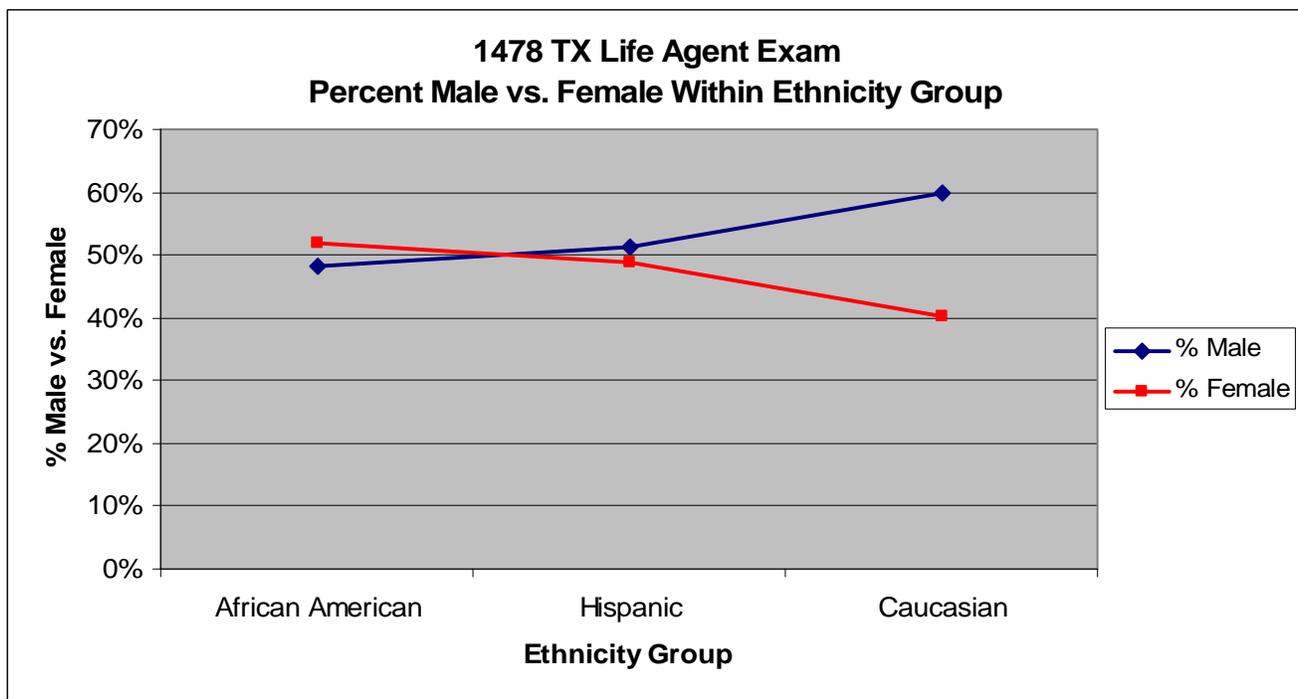
**Figure 35: 1478 Percent of Each Ethnicity Group Within Highest Level of Education**



**Table 45: 1478 Percent Male vs. Female Within Ethnicity Group**

		Ethnicity						
Gender		African-American	American Indian	Hispanic	Caucasian	Other	No Response	Total
Male	# 1st-Time Candidates	467	8	714	851	245	0	2285
	% of Ethnic Group	48.1%	38.1%	51.3%	59.9%	48.7%	N.A.	53.0%
Female	# 1st-Time Candidates	504	13	677	570	258	0	2022
	% of Ethnic Group	51.9%	61.9%	48.7%	40.1%	51.3%	N.A.	46.9%
No Response	# 1st-Time Candidates	0	0	0	0	0	1	1
	% of Ethnic Group	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
Total	# 1st-Time Candidates	971	21	1391	1421	503	1	4308
	% of Ethnic Group	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Figure 36: 1478 Percent Male vs. Female Within Ethnicity Group**



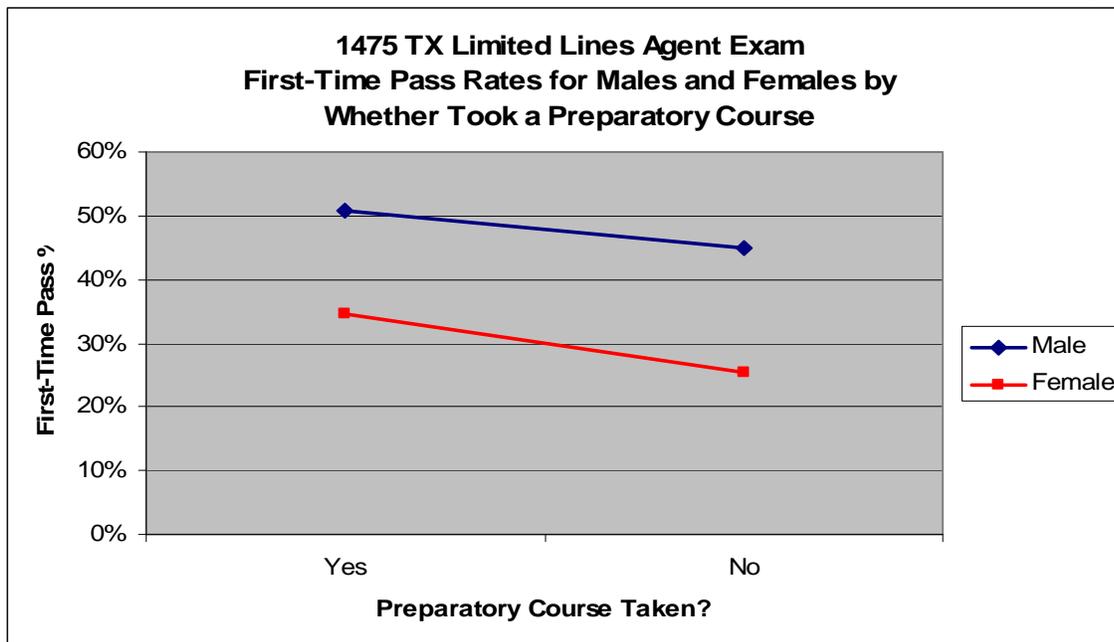
## SECTION 10: 1475 Exam First-Time Examinees, Gender, Ethnicity, Highest Level of Education and Whether Took a Preparatory Course

In the 1475 exam, both male and female’s pass rates were higher if they took a preparatory course, more so for females, but proportionally more males took a preparatory course than females. For both those candidates who took a preparatory course and those who did not, as candidates’ education level increased, so did their pass rates, but more so for those who did not take a preparatory course. At the four-year degree level, pass rates for those who took a preparatory course and those who did not were about the same. Hispanics who took a preparatory course had a higher pass rate than those who did not, while Caucasians who took a preparatory course had a lower pass rate than Caucasians who did not take a preparatory course. African-Americans had about the same pass rate whether they took a preparatory course or not. Also, the proportion of Hispanics taking a preparatory course was less than the proportion of African-Americans or Caucasians taking a preparatory course.

**Table 46: 1475 Male and Female First-Time Pass Rates by Whether Took a Preparatory Course**

		Preparatory Course?		
Gender		Yes	No	Total
Male	# 1st-Time Candidates	283	145	428
	% Pass	50.9%	44.8%	48.8%
Female	# 1st-Time Candidates	729	487	1216
	% Pass	34.7%	25.5%	31.0%
No Response	# 1st-Time Candidates	3	0	0
	% Pass	100.0%	0.0%	100.0%
Total	# 1st-Time Candidates	1015	632	1644
	% Pass	39.4%	29.9%	35.8%

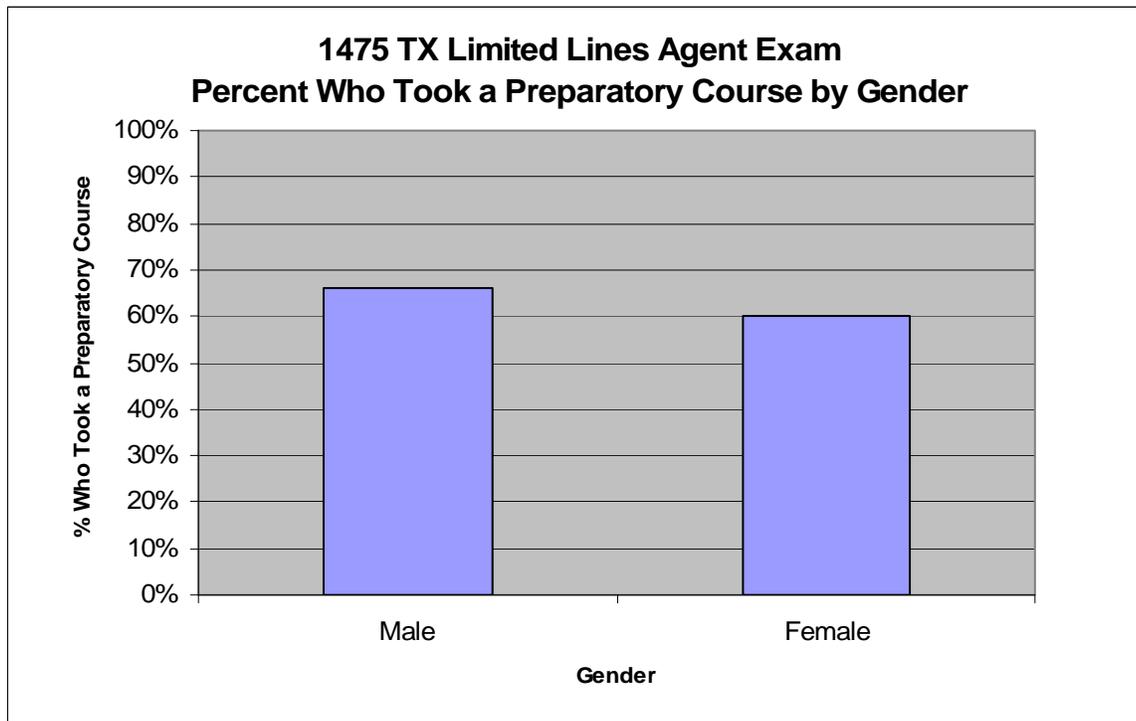
**Figure 37: 1475 Male and Female First-Time Pass Rates by Whether Took a Preparatory Course**



**Table 47: 1475 Percent Who Took a Preparatory Course by Gender**

		Preparatory Course?		
Gender		Yes	No	Total
Male	# 1st-Time Candidates	283	145	428
	% of Males	66.1%	33.9%	100.0%
Female	# 1st-Time Candidates	729	487	1216
	% of Females	60.0%	40.0%	100.0%
Total	# 1st-Time Candidates	1012	632	1644
	% of Total	61.6%	38.4%	100.0%

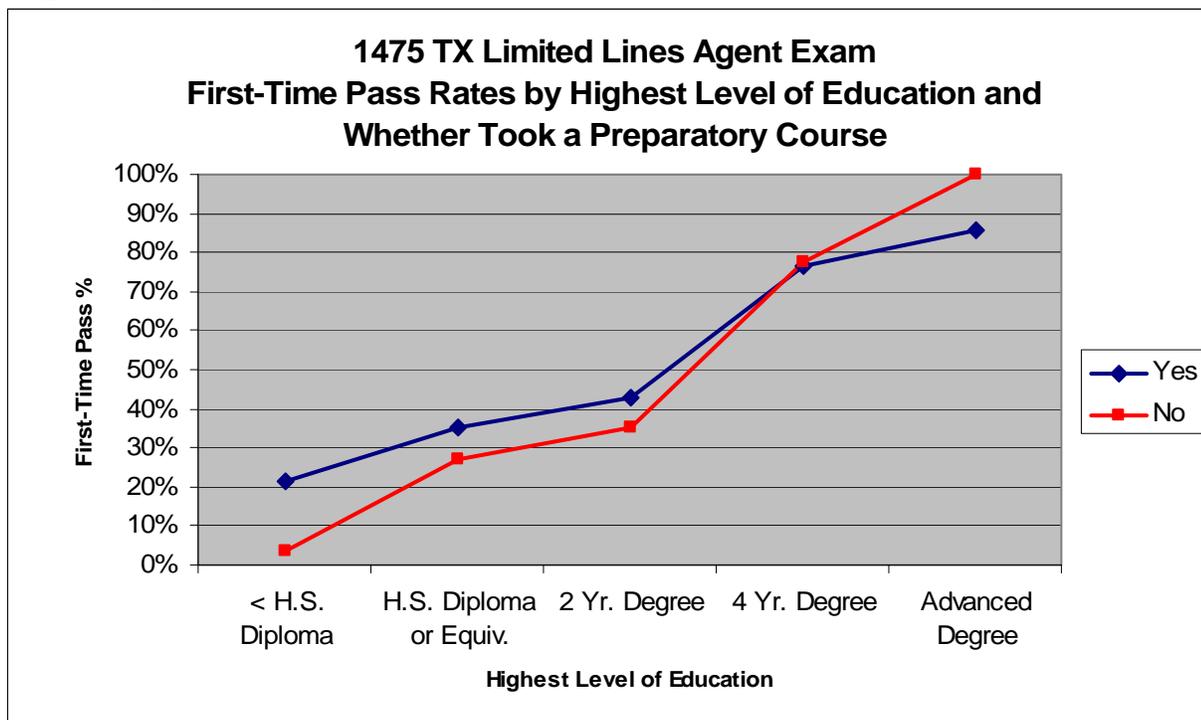
**Figure 38: 1475 Percent Who Took a Preparatory Course by Gender**



**Table 48: 1475 First-Time Pass Rate by Highest Level of Education and Whether Took a Preparatory Course**

Highest Level of Education		Preparatory Course?		
		Yes	No	Total
< H.S. Diploma	# 1st-Time Candidates	42	28	70
	% Pass	21.4%	3.6%	14.3%
H.S. Diploma or Equiv.	# 1st-Time Candidates	718	467	1185
	% Pass	35.1%	27.0%	31.9%
2 Yr. Degree	# 1st-Time Candidates	168	105	273
	% Pass	42.9%	35.2%	39.9%
4 Yr. Degree	# 1st-Time Candidates	80	31	111
	% Pass	76.3%	77.4%	76.6%
Advanced Degree	# 1st-Time Candidates	7	1	8
	% Pass	85.7%	100.0%	87.5%
Total	# 1st-Time Candidates	1015	632	1644
	% Pass	39.4%	29.9%	35.8%

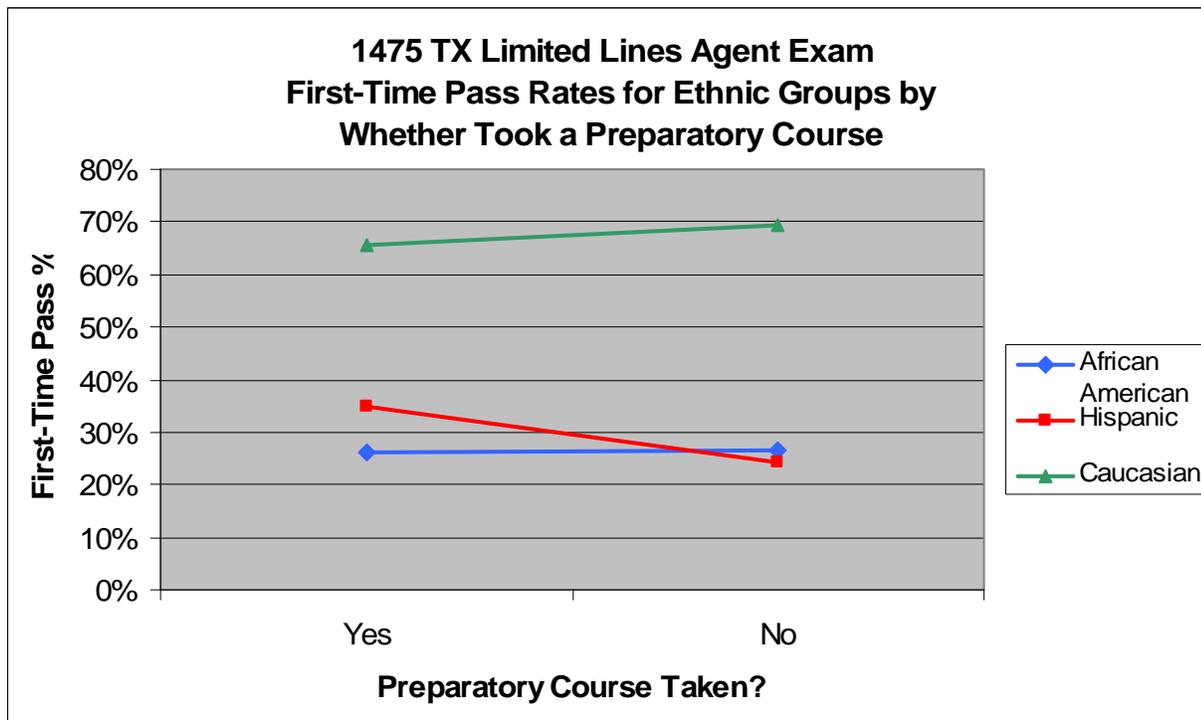
**Figure 39: 1475 First-Time Pass Rate by Highest Level of Education and Whether Took a Preparatory Course**



**Table 49: 1475 First-Time Pass Rates for Ethnic Groups by Whether Took a Preparatory Course**

		Preparatory Course?		
Ethnicity		Yes	No	Total
African-American	# 1st-Time Candidates	96	34	130
	% Pass	26.0%	26.5%	26.2%
American Indian	# 1st-Time Candidates	7	2	9
	% Pass	14.3%	0.0%	11.1%
Hispanic	# 1st-Time Candidates	721	513	1234
	% Pass	34.8%	24.4%	30.5%
Caucasian	# 1st-Time Candidates	166	72	238
	% Pass	65.7%	69.4%	66.8%
Other	# 1st-Time Candidates	22	11	33
	% Pass	50.0%	45.5%	48.5%
No Response	# 1st-Time Candidates	3	0	3
	% Pass	100.0%	0.0%	100.0%
Total	# 1st-Time Candidates	1015	632	1647
	% Pass	39.4%	29.9%	35.8%

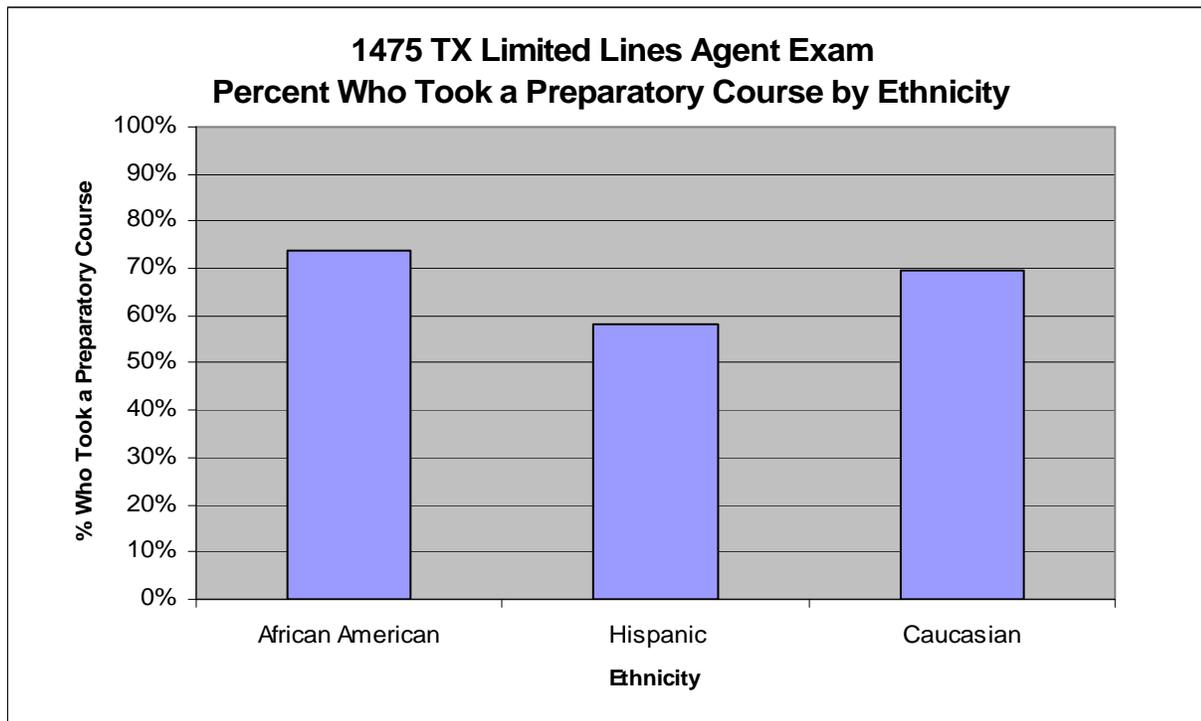
**Figure 40: 1475 First-Time Pass Rates for Ethnic Groups by Whether Took a Preparatory Course**



**Table 50: 1475 Percent of Ethnic Groups Who Took a Preparatory Course**

		Preparatory Course?		
Ethnicity		Yes	No	Total
African-American	# 1st-Time Candidates	96	34	130
	% African-Americans	73.8%	26.2%	100.0%
American Indian	# 1st-Time Candidates	7	2	9
	% American Indians	77.8%	22.2%	100.0%
Hispanic	# 1st-Time Candidates	721	513	1234
	% Hispanic	58.4%	41.6%	100.0%
Caucasian	# 1st-Time Candidates	166	72	238
	% Caucasian	69.7%	30.3%	100.0%
Other	# 1st-Time Candidates	22	11	33
	% Other	66.7%	33.3%	100.0%
No Response	# 1st-Time Candidates	3	0	3
	% No Response	100.0%	0.0%	100.0%
Total	# 1st-Time Candidates	1015	632	1647
	% Total	61.6%	38.4%	100.0%

**Figure 41: 1475 Percent of Ethnic Groups Who Took a Preparatory Course**



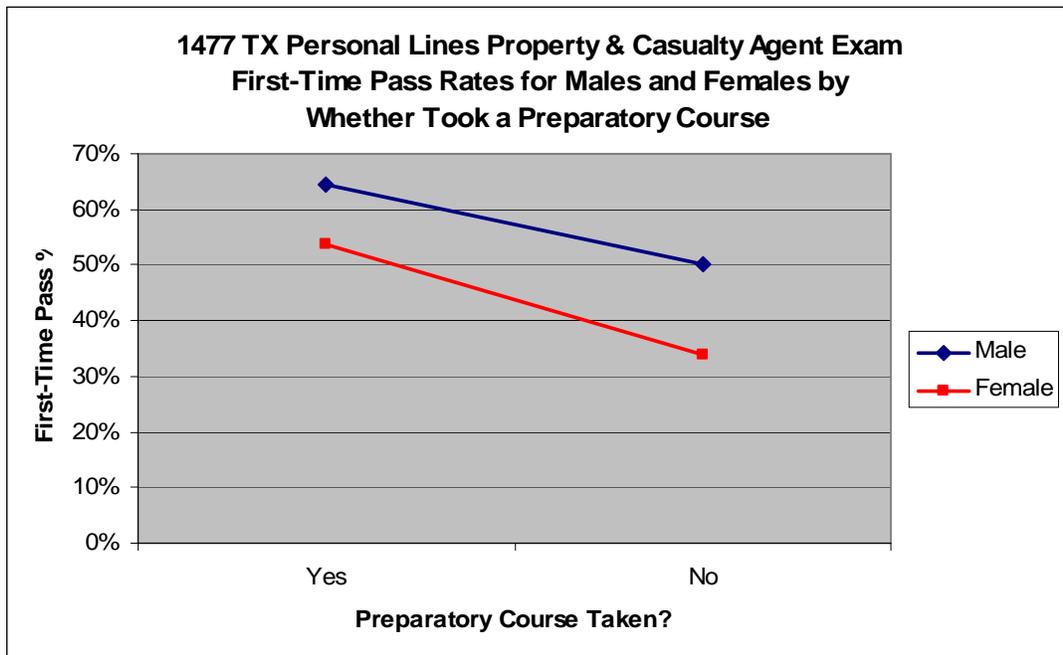
**SECTION 11: 1477 Exam First-Time Examinees, Gender, Ethnicity, Highest Level of Education and Whether Took a Preparatory Course –**

In the 1477 exam, both male and females’ pass rates were higher if they took a preparatory course, more so for females, and this difference was just as true at the high school diploma, the two-year degree, and the four-year degree levels of education. The proportion of males and females taking a preparatory course was about the same. The pass rate for African-Americans who took a preparatory course was less than the pass rate for African-Americans who did not take a preparatory course, but the reverse was true for Hispanics and Caucasians, more so for Hispanics. The proportion of all three ethnic groups who took a preparatory course was about the same, with the proportion of African-Americans taking a course being slightly higher.

**Table 51: 1477 Male and Female First-Time Pass Rates by Whether Took a Preparatory Course**

		Preparatory Course?		
Gender		Yes	No	Total
Male	# 1st-Time Candidates	550	84	634
	% Pass	64.5%	50.0%	62.6%
Female	# 1st-Time Candidates	826	124	950
	% Pass	53.8%	33.9%	51.2%
No Response	# 1st-Time Candidates	1	0	1
	% Pass	0.0%	N.A.	0.0%
Total	# 1st-Time Candidates	1377	208	1585
	% Pass	58.0%	40.4%	55.7%

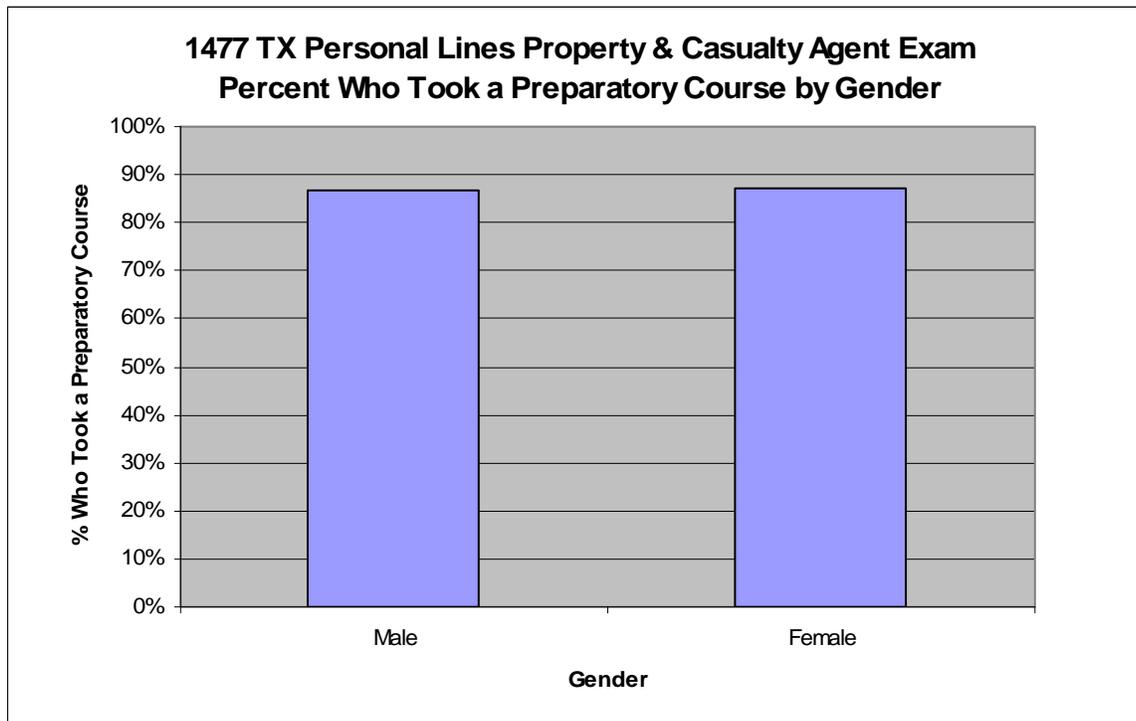
**Figure 42: 1477 Male and Female First-Time Pass Rates by Whether Took a Preparatory Course**



**Table 52: 1477 Percent Who Took a Preparatory Course by Gender**

		Preparatory Course?		
Gender		Yes	No	Total
Male	# 1st-Time Candidates	550	84	634
	% of Males	86.8%	13.2%	100.0%
Female	# 1st-Time Candidates	826	124	950
	% of Females	86.9%	13.1%	100.0%
Total	# 1st-Time Candidates	1376	208	1584
	% of Total	86.9%	13.1%	100.0%

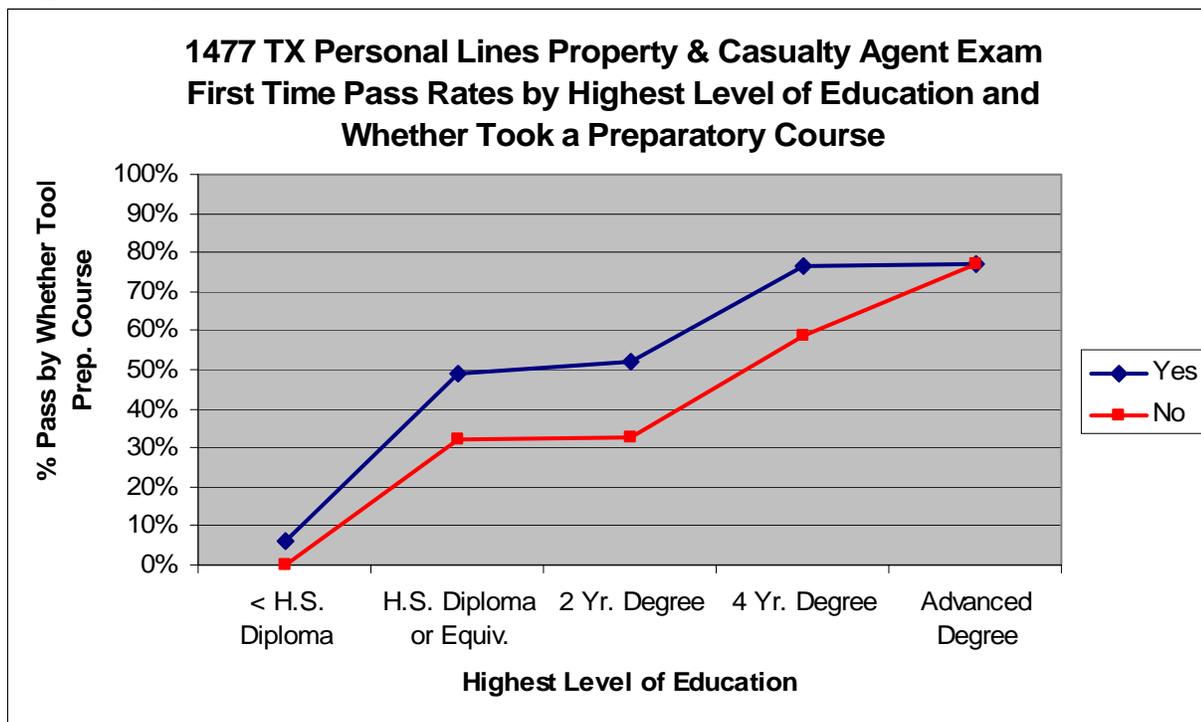
**Figure 43: 1477 Percent Who Took a Preparatory Course by Gender**



**Table 53: 1475 First-Time Pass Rate by Highest Level of Education and Whether Took a Preparatory Course**

Highest Level of Education		Preparatory Course?		
		Yes	No	Total
< H.S. Diploma	# 1st-Time Candidates	16	3	19
	% Pass	6.3%	0.0%	5.3%
H.S. Diploma or Equiv.	# 1st-Time Candidates	622	94	716
	% Pass	49.0%	31.9%	46.8%
2 Yr. Degree	# 1st-Time Candidates	299	52	351
	% Pass	52.2%	32.7%	49.3%
4 Yr. Degree	# 1st-Time Candidates	383	46	429
	% Pass	76.5%	58.7%	74.6%
Advanced Degree	# 1st-Time Candidates	57	13	70
	% Pass	77.2%	76.9%	77.1%
Total	# 1st-Time Candidates	1377	208	1585
	% Pass	58.0%	40.4%	55.7%

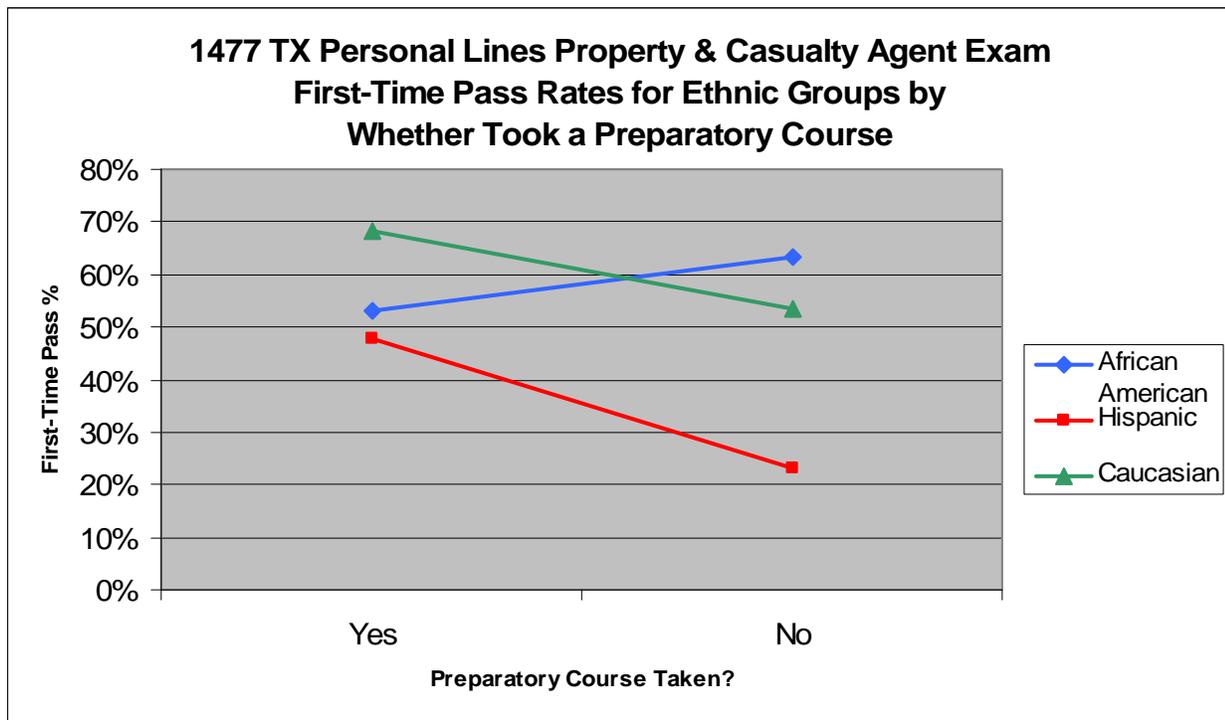
**Figure 44: 1475 First-Time Pass Rate by Highest Level of Education and Whether Took a Preparatory Course**



**Table 54: 1477 First-Time Pass Rates for Ethnic Groups by Whether Took a Preparatory Course**

		Preparatory Course?		
Ethnicity		Yes	No	Total
African-American	# 1st-Time Candidates	162	19	181
	% Pass	53.1%	63.2%	54.1%
American Indian	# 1st-Time Candidates	6	0	6
	% Pass	50.0%	N.A.	50.0%
Hispanic	# 1st-Time Candidates	524	86	610
	% Pass	47.9%	23.3%	44.4%
Caucasian	# 1st-Time Candidates	621	92	713
	% Pass	68.3%	53.3%	66.3%
Other	# 1st-Time Candidates	63	11	74
	% Pass	55.6%	27.3%	51.4%
No Response	# 1st-Time Candidates	1	0	1
	% Pass	0.0%	N.A.	0.0%
Total	# 1st-Time Candidates	1377	208	1585
	% Pass	58.0%	40.4%	55.7%

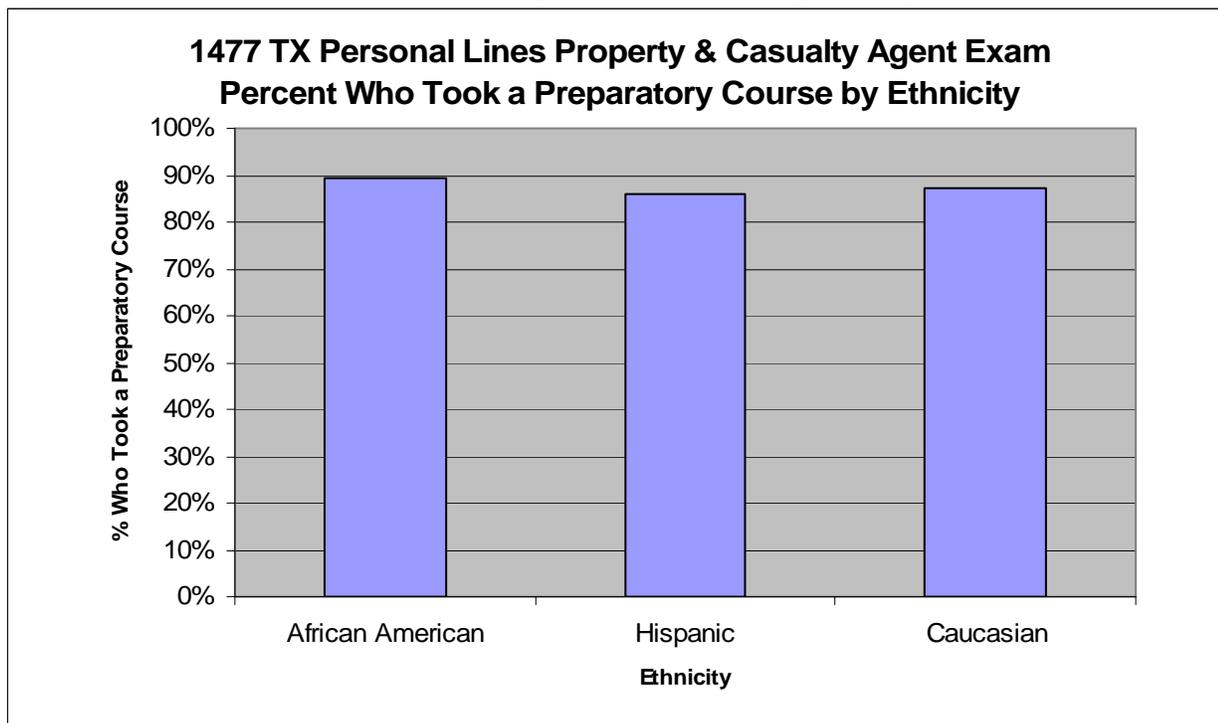
**Figure 45: 1477 First-Time Pass Rates for Ethnic Groups by Whether Took a Preparatory Course**



**Table 55: 1477 Percent of Ethnic Groups Who Took a Preparatory Course**

		Preparatory Course?		
Ethnicity		Yes	No	Total
African-American	# 1st-Time Candidates	162	19	181
	% African-Americans	89.5%	10.5%	100.0%
American Indian	# 1st-Time Candidates	6	0	6
	% American Indians	100.0%	0.0%	100.0%
Hispanic	# 1st-Time Candidates	524	86	610
	% Hispanic	85.9%	14.1%	100.0%
Caucasian	# 1st-Time Candidates	621	92	713
	% Caucasian	87.1%	12.9%	100.0%
Other	# 1st-Time Candidates	63	11	74
	% Other	85.1%	14.9%	100.0%
No Response	# 1st-Time Candidates	1	0	1
	% No Response	100.0%	0.0%	100.0%
Total	# 1st-Time Candidates	1377	208	1585
	% Total	86.9%	13.1%	100.0%

**Figure 46: 1477 Percent of Ethnic Groups Who Took a Preparatory Course**



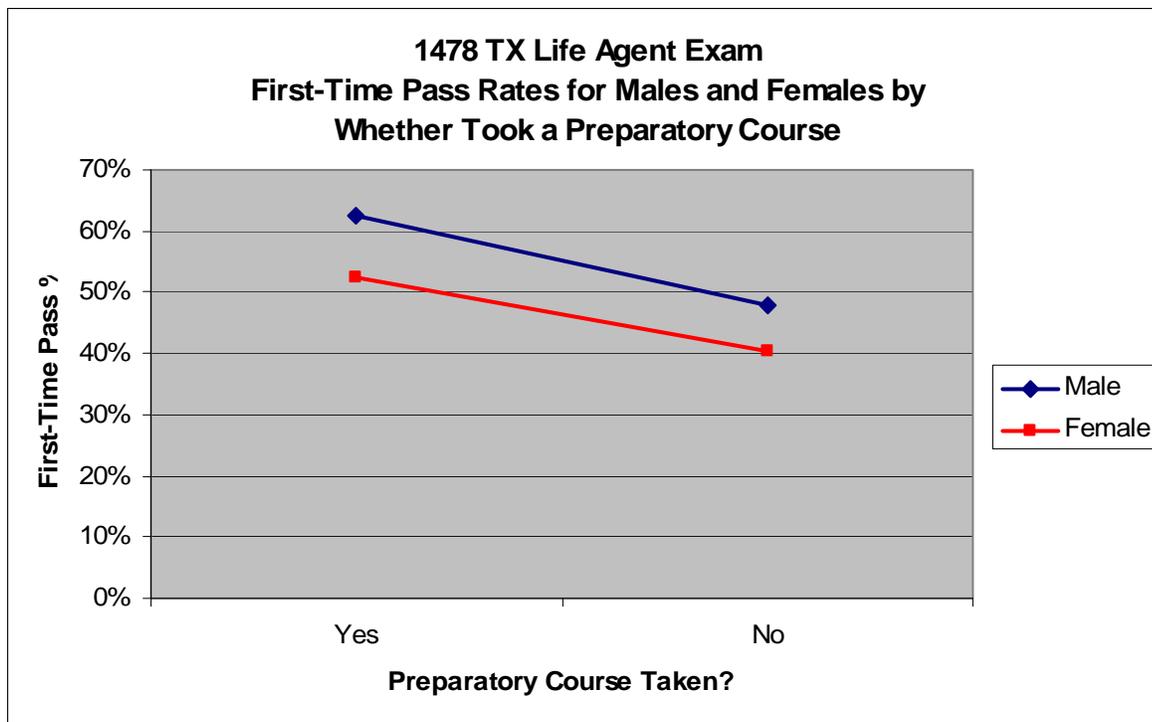
## SECTION 12: 1478 Exam First-Time Examinees, Gender, Ethnicity, Highest Level of Education and Whether Took a Preparatory Course

In the 1478 exam, both male and females' pass rates were higher if they took a preparatory course, and this difference was true at all levels of education. For all three ethnic groups (African-American, Hispanic, and Caucasian), pass rates were higher for candidate who took a preparatory course. The proportion taking a preparatory course was about the same for all three ethnic groups.

**Table 56: 1478 Male and Female First-Time Pass Rates by Whether Took a Preparatory Course**

		Preparatory Course?		
Gender		Yes	No	Total
Male	# 1st-Time Candidates	1974	311	2285
	% Pass	62.5%	47.9%	60.5%
Female	# 1st-Time Candidates	1760	262	2022
	% Pass	52.3%	40.5%	50.7%
Total	# 1st-Time Candidates	3734	573	4307
	% Pass	57.7%	44.5%	55.9%

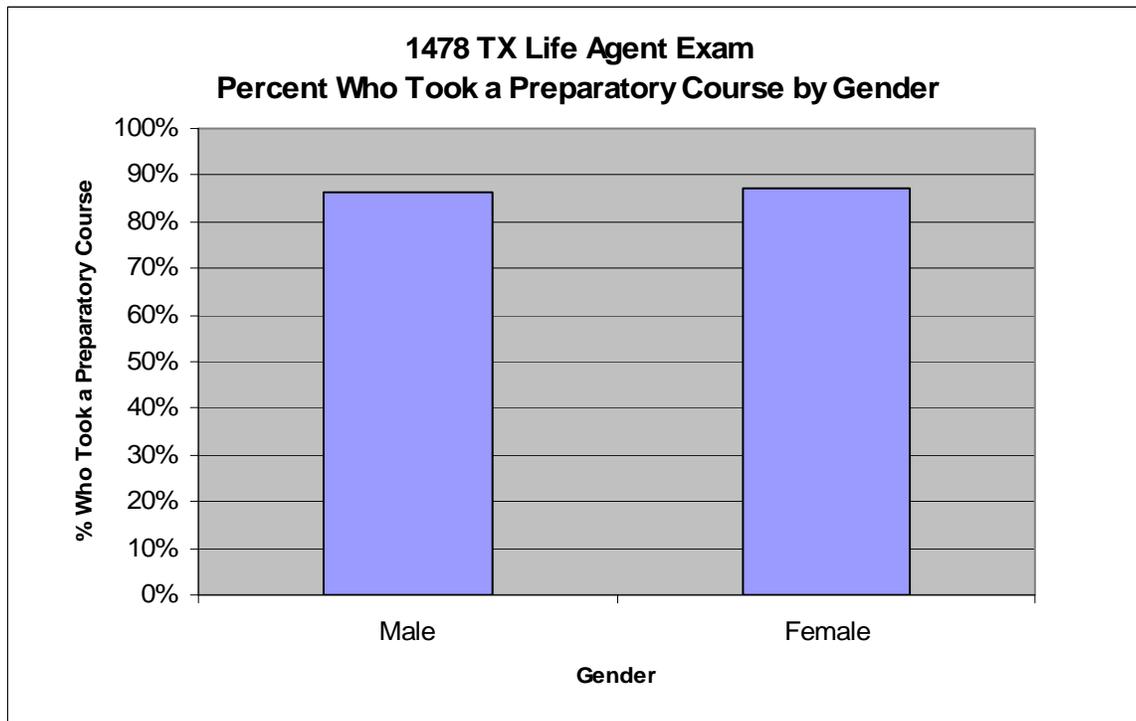
**Figure 47: 1478 Male and Female First-Time Pass Rates by Whether Took a Preparatory Course**



**Table 57: 1478 Percent Who Took a Preparatory Course by Gender**

		Preparatory Course?		
Gender		Yes	No	Total
Male	# 1st-Time Candidates	1974	311	2285
	% of Males	86.4%	13.6%	100.0%
Female	# 1st-Time Candidates	1760	262	2022
	% of Females	87.0%	13.0%	100.0%
Total	# 1st-Time Candidates	3734	573	4307
	% of Total	86.7%	13.3%	100.0%

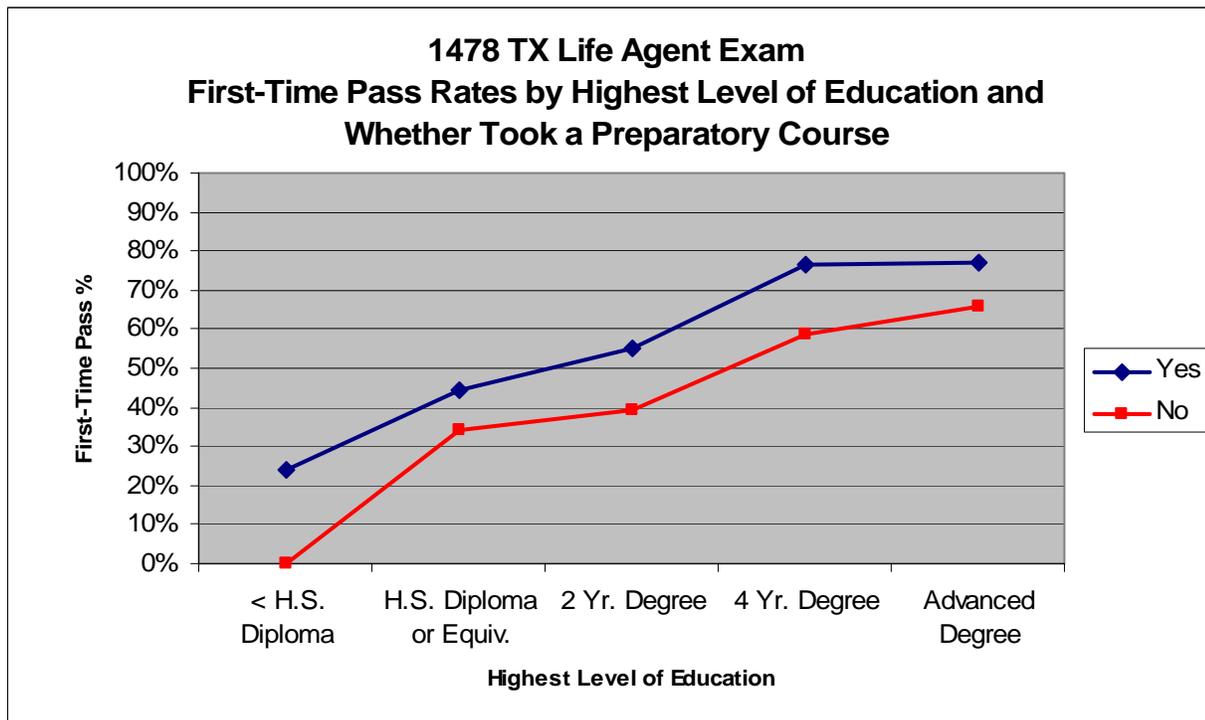
**Figure 48: 1478 Percent Who Took a Preparatory Course by Gender**



**Table 58: 1475 First-Time Pass Rate by Highest Level of Education and Whether Took a Preparatory Course**

Highest Level of Education		Preparatory Course?		
		Yes	No	Total
< H.S. Diploma	# 1st-Time Candidates	63	15	78
	% Pass	23.8%	0.0%	19.2%
H.S. Diploma or Equiv.	# 1st-Time Candidates	1550	212	1762
	% Pass	44.2%	34.4%	43.0%
2 Yr. Degree	# 1st-Time Candidates	787	120	907
	% Pass	55.3%	39.2%	53.1%
4 Yr. Degree	# 1st-Time Candidates	1091	188	1279
	% Pass	76.3%	58.5%	73.7%
Advanced Degree	# 1st-Time Candidates	243	38	281
	% Pass	77.0%	65.8%	75.4%
Total	# 1st-Time Candidates	3734	573	4307
	% Pass	57.7%	44.5%	55.9%

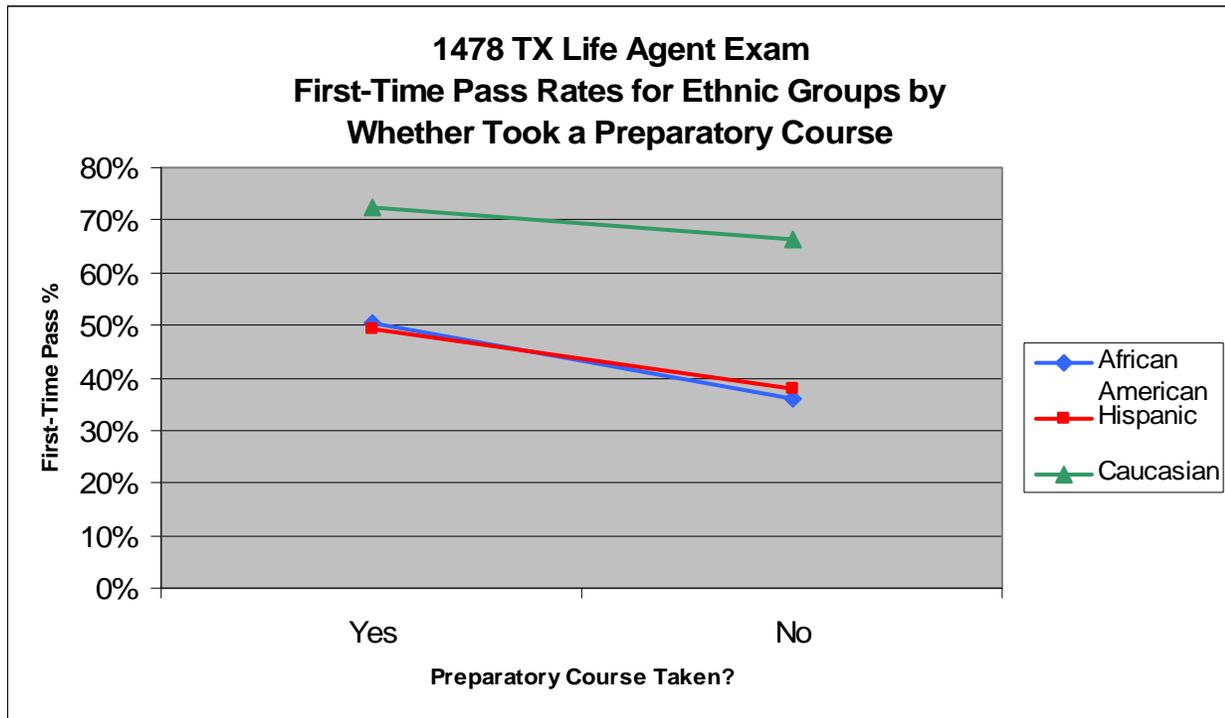
**Figure 49: 1475 First-Time Pass Rate by Highest Level of Education and Whether Took a Preparatory Course**



**Table 59: 1478 First-Time Pass Rates for Ethnic Groups by Whether Took a Preparatory Course**

		Preparatory Course?		
Ethnicity		Yes	No	Total
African-American	# 1st-Time Candidates	843	128	971
	% Pass	50.4%	35.9%	48.5%
American Indian	# 1st-Time Candidates	20	1	21
	% Pass	40.0%	100.0%	42.9%
Hispanic	# 1st-Time Candidates	1241	150	1391
	% Pass	49.4%	38.0%	48.2%
Caucasian	# 1st-Time Candidates	1255	166	1421
	% Pass	72.6%	66.3%	71.9%
Other	# 1st-Time Candidates	375	128	503
	% Pass	52.5%	32.0%	47.3%
Total	# 1st-Time Candidates	3734	573	4307
	% Pass	57.7%	44.5%	55.9%

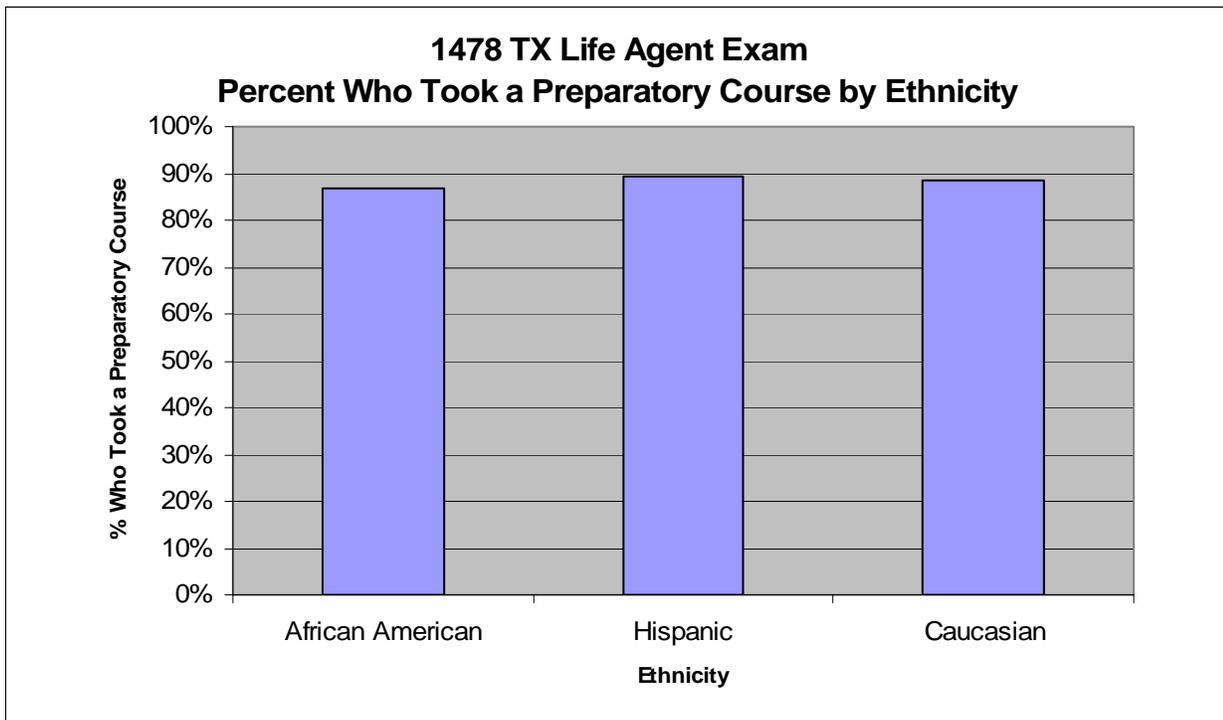
**Figure 50: 1478 First-Time Pass Rates for Ethnic Groups by Whether Took a Preparatory Course**



**Table 60: 1478 Percent of Ethnic Groups Who Took a Preparatory Course**

		Preparatory Course?		
Ethnicity		Yes	No	Total
African-American	# 1st-Time Candidates	843	128	971
	% African-Americans	86.8%	13.2%	100.0%
American Indian	# 1st-Time Candidates	20	1	21
	% American Indians	95.2%	4.8%	100.0%
Hispanic	# 1st-Time Candidates	1241	150	1391
	% Hispanic	89.2%	10.8%	100.0%
Caucasian	# 1st-Time Candidates	1255	166	1421
	% Caucasian	88.3%	11.7%	100.0%
Other	# 1st-Time Candidates	375	128	503
	% Other	74.6%	25.4%	100.0%
Total	# 1st-Time Candidates	3734	573	4307
	% Total	86.7%	13.3%	100.0%

**Figure 51: 1478 Percent of Ethnic Groups Who Took a Preparatory Course**



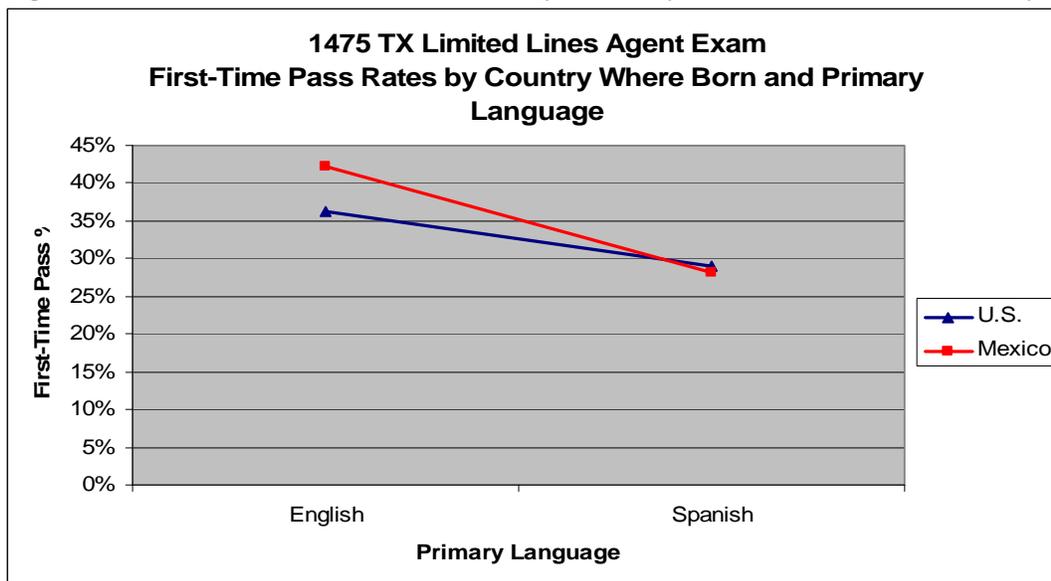
### SECTION 13: 1475 Exam First-Time Examinees, Country Where Born, Primary Language, and Whether Took a Preparatory Course

In the 1475 exam, the proportion of U.S.-born candidates whose primary language is English vs. Spanish was greater, and the proportion of Mexican-born candidates whose primary language is Spanish vs. English was greater. Pass rates for both U.S.-born and Mexican-born candidates was higher if their primary language was English vs. Spanish, more so if they took a preparatory course, and the proportion of candidates whose primary language is English taking a preparatory course was greater than the proportion of candidates whose primary language is Spanish. The proportion of U.S.-born candidates who took a course was greater than the proportion of Mexican-born candidates taking a course, and the increase in pass rates was about the same for both U.S.-born and Mexican-born candidates if they took a course.

**Table 61: 1475 First-Time Pass Rates by Country Where Born and Primary Language**

		Primary Language				
Country Where Born		English	Spanish	Vietnamese	Other	Total
United States	# First-Time Candidates	1263	134	0	1	1398
	% Pass	36.30%	29.1%	N.A.	100.0%	35.6%
Mexico	# First-Time Candidates	71	110	0	0	181
	% Pass	42.30%	28.2%	N.A.	N.A.	33.7%
Viet Nam	# First-Time Candidates	1	0	0	0	1
	% Pass	100.00%	N.A.	N.A.	N.A.	100.0%
Central or South America	# First-Time Candidates	13	23	0	1	37
	% Pass	46.20%	26.1%	N.A.	0.0%	32.4%
Other	# First-Time Candidates	18	4	0	4	30
	% Pass	55.60%	75.0%	N.A.	50.0%	56.7%
Total	# First-Time Candidates	1366	271	0	10	1647
	% Pass	37.00%	29.2%	N.A.	50.0%	35.8%

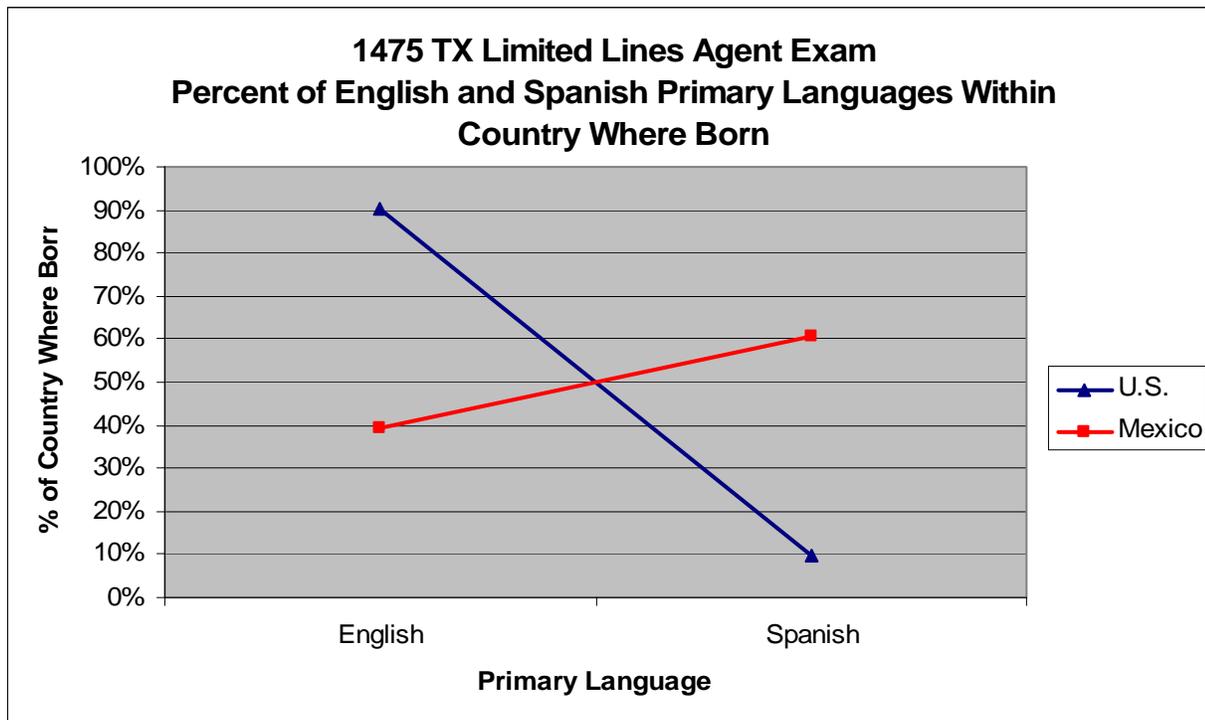
**Figure 52: 1475 First-Time Pass Rates by Country Where Born and Primary Language**



**Table 62: 1475 Percent of Each Primary Language Within Country Where Born**

Country Where Born		Primary Language				Total
		English	Spanish	Vietnamese	Other	
United States	# First-Time Candidates	1263	134	0	1	1398
	% U.S.	90.3%	9.6%	0.0%	0.1%	100.0%
Mexico	# First-Time Candidates	71	110	0	0	181
	% Mexico	39.2%	60.8%	0.0%	0.0%	100.0%
Viet Nam	# First-Time Candidates	1	0	0	0	1
	% Viet Nam	100.0%	0.0%	0.0%	0.0%	100.0%
Central or South America	# First-Time Candidates	13	23	0	1	37
	% Central or S. America	35.1%	62.2%	0.0%	2.7%	100.0%
Other	# First-Time Candidates	18	4	0	4	30
	% Other	60.0%	13.3%	0.0%	13.3%	100.0%
Total	# First-Time Candidates	1366	271	0	10	1647
	% Total	82.9%	16.5%	0.0%	0.6%	100.0%

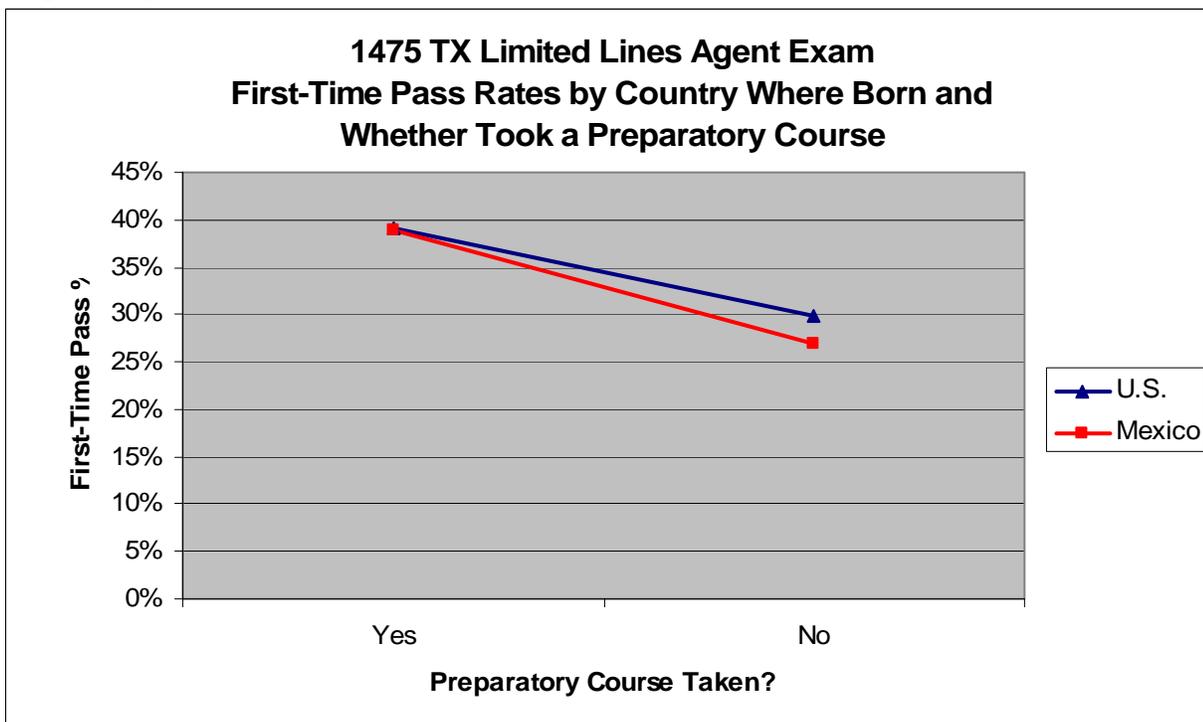
**Figure 53: 1475 Percent of English and Spanish Primary Languages Within Country Where Born**



**Table 63: 1475 First-Time Pass Rates by Country Where Born and Whether Took a Preparatory Course**

Country Where Born		Preparatory Course?		
		Yes	No	Total
United States	# First-Time Candidates	864	534	1398
	% Pass	39.2%	29.8%	35.6%
Mexico	# First-Time Candidates	103	78	181
	% Pass	38.8%	26.9%	33.7%
Viet Nam	# First-Time Candidates	0	1	1
	% Pass	N.A.	100.0%	100.0%
Central or South America	# First-Time Candidates	24	13	37
	% Pass	37.5%	23.1%	32.4%
Other	# First-Time Candidates	24	6	30
	% Pass	50.0%	83.3%	56.7%
Total	# First-Time Candidates	1015	632	1647
	% Pass	39.4%	29.9%	35.8%

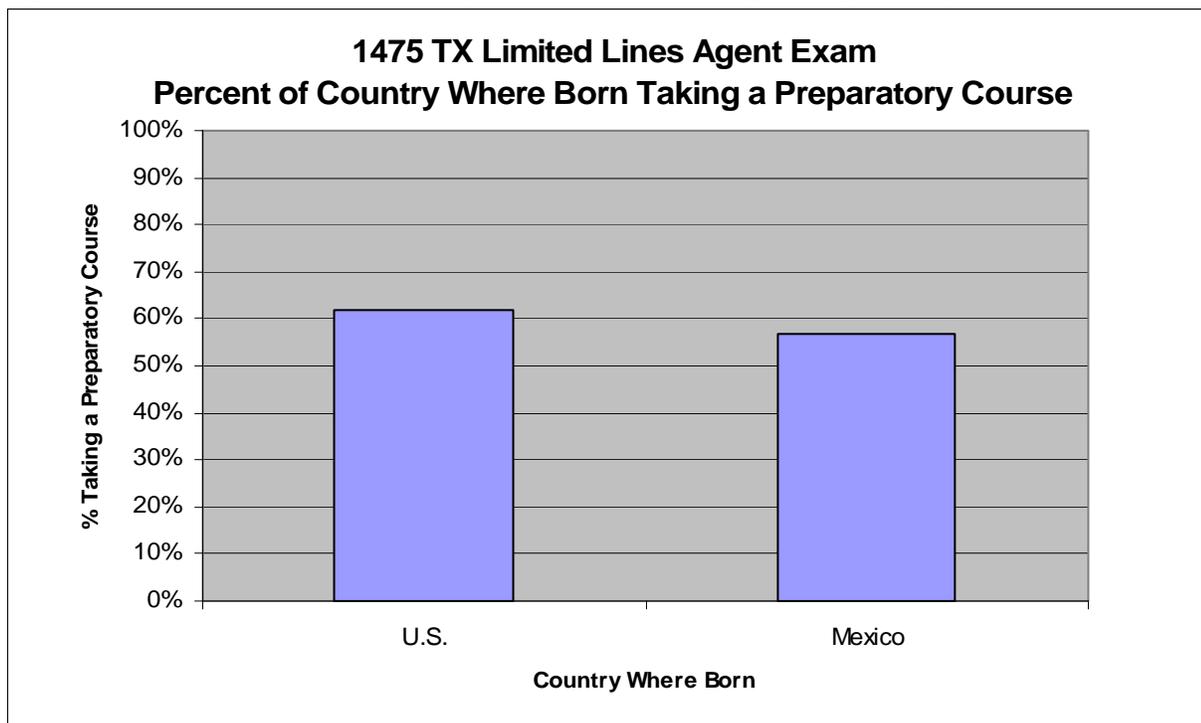
**Figure 54: 1475 First-Time Pass Rates by Country Where Born and Whether Took a Preparatory Course**



**Table 64: 1475 Percent of Country Where Born Taking a Preparatory Course**

Country Where Born		Preparatory Course?		
		Yes	No	Total
United States	# First-Time Candidates	864	534	1398
	% of U.S.	61.8%	38.2%	100.0%
Mexico	# First-Time Candidates	103	78	181
	% of Mexico	56.9%	43.1%	100.0%
Viet Nam	# First-Time Candidates	0	1	1
	% of Viet nam	0.0%	100.0%	100.0%
Central or South America	# First-Time Candidates	24	13	37
	% of Central or S. America	64.9%	35.1%	100.0%
Other	# First-Time Candidates	24	6	30
	% of Other	80.0%	20.0%	100.0%
Total	# First-Time Candidates	1015	632	1647
	% of Total	61.6%	38.4%	100.0%

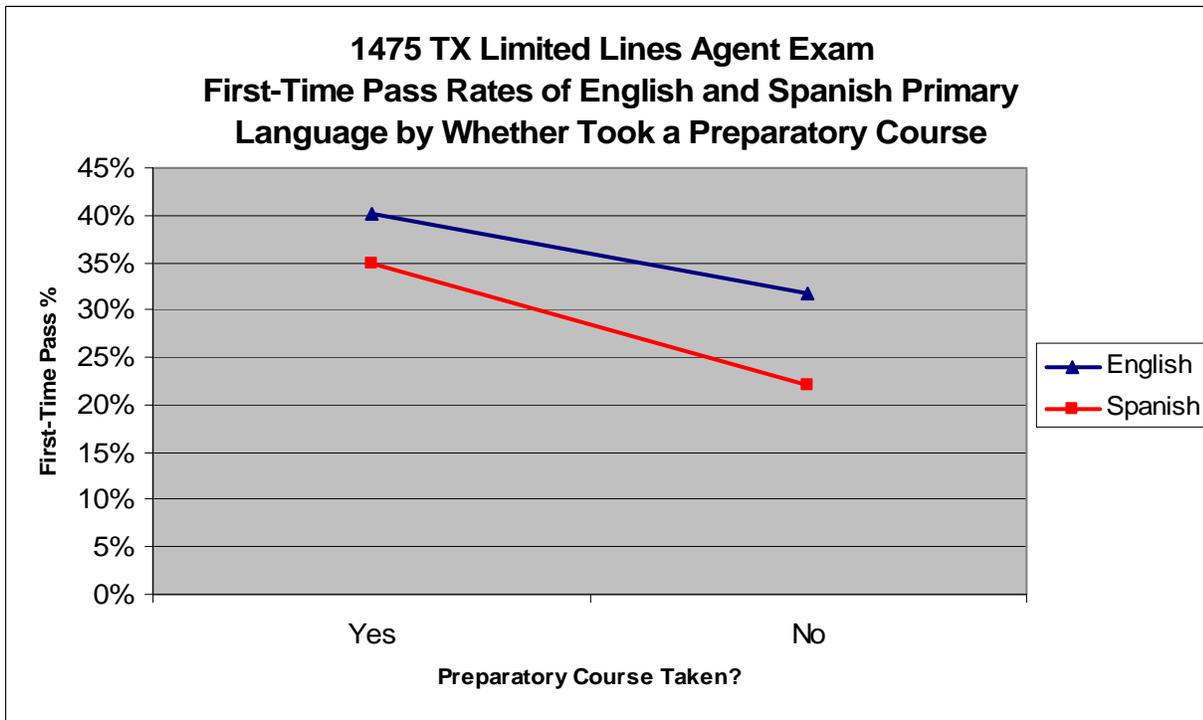
**Figure 55: 1475 Percent of Country Where Born Taking a Preparatory Course**



**Table 65: 1475 First-Time Pass Rates by Primary Language and Whether Took a Preparatory Course**

		Preparatory Course?		
Primary Language		Yes	No	Total
English	# First-Time Candidates	858	508	1366
	% Pass	40.1%	31.7%	37.0%
Spanish	# First-Time Candidates	149	122	271
	% Pass	34.9%	22.1%	29.2%
Vietnamese	# First-Time Candidates	0	0	0
	% Pass	N.A.	N.A.	N.A.
Other	# First-Time Candidates	8	2	10
	% Pass	50.0%	50.0%	50.0%
Total	# First-Time Candidates	1015	632	1647
	% Pass	39.4%	29.9%	35.8%

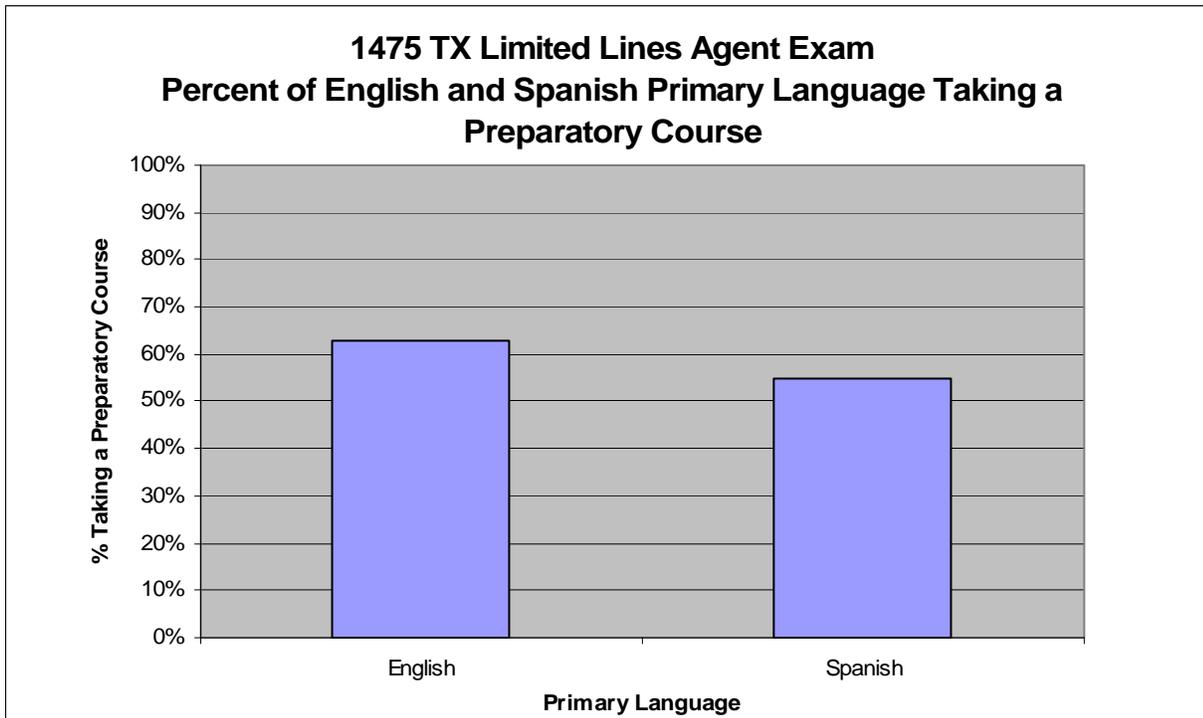
**Figure 56: 1475 First-Time Pass Rates of English and Spanish Primary Language by Whether Took a Preparatory Course**



**Table 66: 1475 Percent of Each Primary Language Taking a Preparatory Course**

Primary Language		Preparatory Course?		
		Yes	No	Total
English	# First-Time Candidates	858	508	1366
	% of English	62.8%	37.2%	100.0%
Spanish	# First-Time Candidates	149	122	271
	% of Spanish	55.0%	45.0%	100.0%
Vietnamese	# First-Time Candidates	0	0	0
	% of Vietnamese	N.A.	N.A.	N.A.
Other	# First-Time Candidates	8	2	10
	% of Other	80.0%	20.0%	100.0%
Total	# First-Time Candidates	1015	632	1647
	% of Total	61.6%	38.4%	100.0%

**Figure 57: 1475 Percent of English and Spanish Primary Language Taking a Preparatory Course**



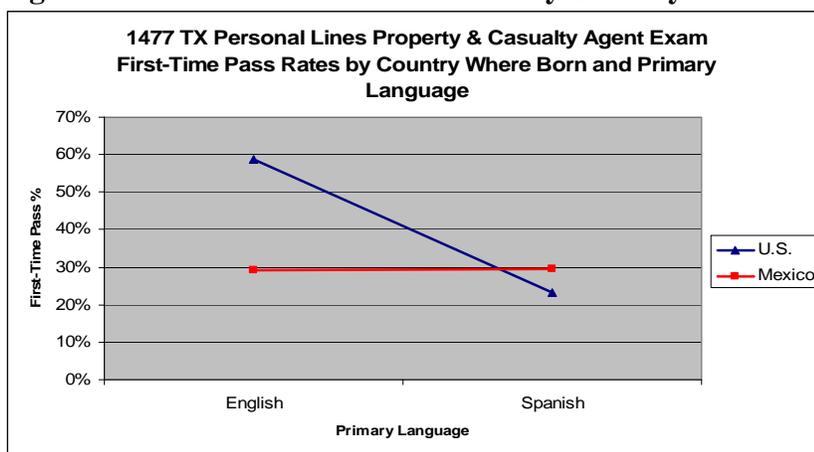
## SECTION 14: 1477 Exam First-Time Examinees, Country Where Born, Primary Language, and Whether Took a Preparatory Course

In the 1477 exam, the proportion of U.S.-born candidates whose primary language is English vs. Spanish was greater, and the proportion of Mexican-born candidates whose primary language is Spanish vs. English was greater. The pass rate for Mexican-born candidates was about the same, whichever their primary language. The pass rate for U.S.-born candidates was higher if their primary language is English. Pass rates for Mexican-born candidates whose primary language is Spanish was higher than the pass rate for U.S.-born candidates whose primary language is Spanish. For both U.S.-born and Mexican-born candidates, pass rates were higher if they took a preparatory course, more so for U.S.-born candidates. The proportion of U.S.-born candidates taking a course was a little greater than the proportion of Mexican-born candidates taking a course. The pass rate of candidates whose primary language is English was higher than the pass rate of candidates whose primary language is Spanish, and this difference was the same whether they took a course or not. The proportion of candidates whose primary language is English who took a preparatory course was a little greater than the proportion of candidates whose primary language is Spanish.

**Table 67: 1477 First-Time Pass Rates by Country Where Born and Primary Language**

Country Where Born		Primary Language				
		English	Spanish	Vietnamese	Other	Total
United States	# First-Time Candidates	1372	39	1	1	1413
	% Pass	58.7%	23.1%	0.0%	0.0%	57.6%
Mexico	# First-Time Candidates	24	34	0	0	58
	% Pass	29.2%	29.4%	N.A.	N.A.	29.3%
Viet Nam	# First-Time Candidates	1	0	1	0	2
	% Pass	100.0%	N.A.	100.0%	N.A.	100.0%
Central or South America	# First-Time Candidates	11	19	0	0	30
	% Pass	45.5%	15.8%	N.A.	N.A.	26.7%
Other	# First-Time Candidates	54	5	0	23	82
	% Pass	59.3%	40.0%	N.A.	34.8%	51.2%
Total	# First-Time Candidates	1462	97	2	24	1585
	% Pass	58.1%	24.7%	50.0%	33.3%	55.7%

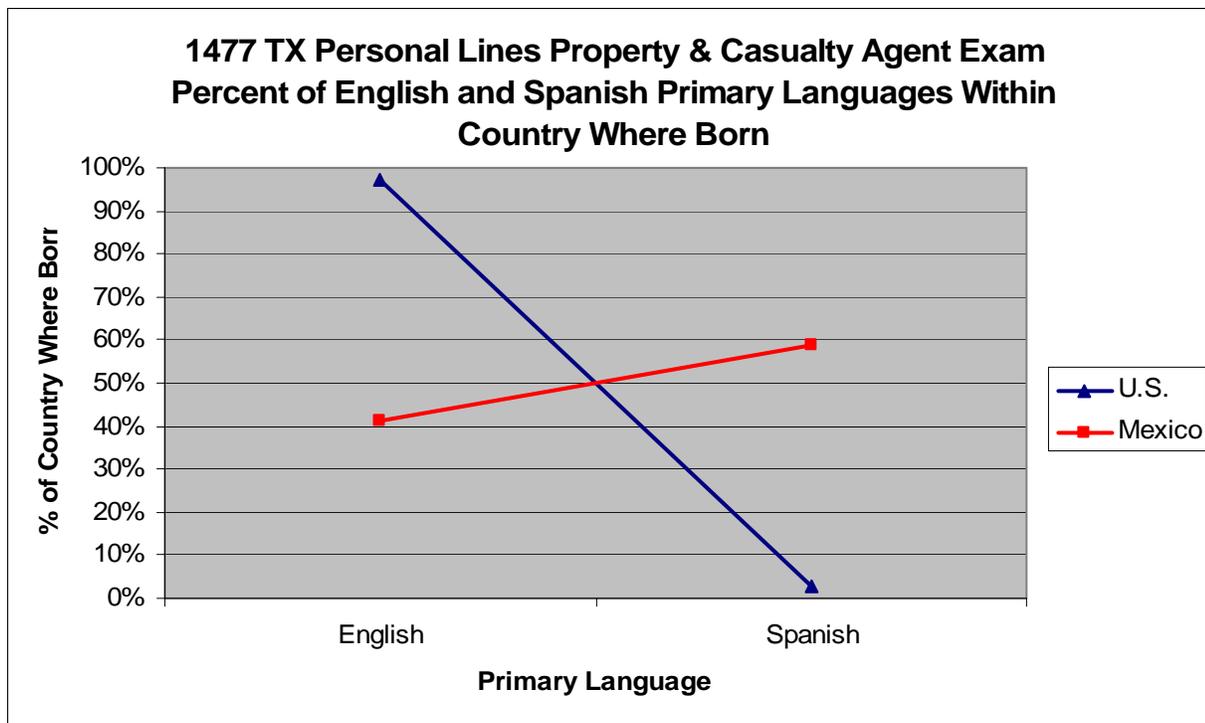
**Figure 58: 1477 First-Time Pass Rates by Country Where Born and Primary Language**



**Table 68: 1477 Percent of Each Primary Language Within Country Where Born**

Country Where Born		Primary Language					Total
		English	Spanish	Vietnamese	Other		
United States	# First-Time Candidates	1372	39	1	1	1413	
	% U.S.	97.1%	2.8%	0.1%	0.1%	100.0%	
Mexico	# First-Time Candidates	24	34	0	0	58	
	% Mexico	41.4%	58.6%	0.0%	0.0%	100.0%	
Viet Nam	# First-Time Candidates	1	0	1	0	2	
	% Viet Nam	50.0%	0.0%	50.0%	0.0%	100.0%	
Central or South America	# First-Time Candidates	11	19	0	0	30	
	% Central or S. America	36.7%	63.3%	0.0%	0.0%	100.0%	
Other	# First-Time Candidates	54	5	0	23	82	
	% Other	65.9%	6.1%	0.0%	28.0%	100.0%	
Total	# First-Time Candidates	1462	97	2	24	1585	
	% Total	92.2%	6.1%	0.1%	1.5%	100.0%	

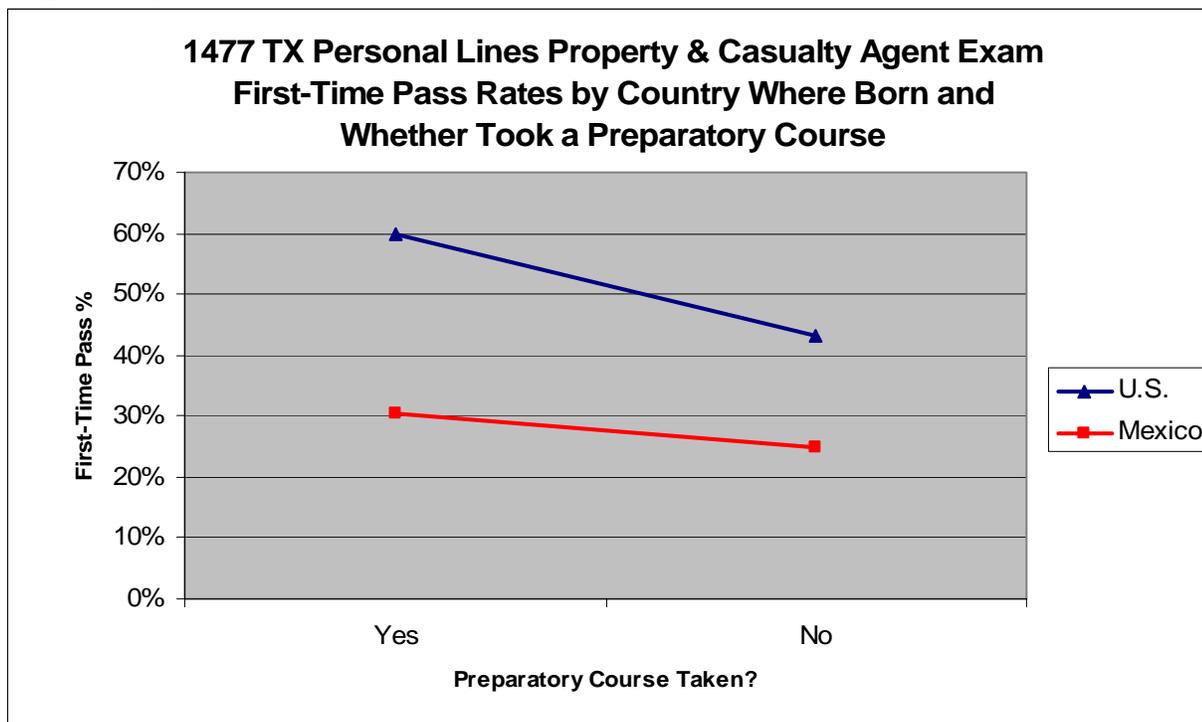
**Figure 59: 1477 Percent of English and Spanish Primary Languages Within Country Where Born**



**Table 69: 1477 First-Time Pass Rates by Country Where Born and Whether Took a Preparatory Course**

Country Where Born		Preparatory Course?		
		Yes	No	Total
United States	# First-Time Candidates	1235	178	1413
	% Pass	59.7%	43.3%	57.6%
Mexico	# First-Time Candidates	46	12	58
	% Pass	30.4%	25.0%	29.3%
Viet Nam	# First-Time Candidates	2	0	2
	% Pass	100.0%	N.A.	100.0%
Central or South America	# First-Time Candidates	25	5	30
	% Pass	32.0%	0.0%	26.7%
Other	# First-Time Candidates	69	13	82
	% Pass	55.1%	30.8%	51.2%
Total	# First-Time Candidates	1377	208	1585
	% Pass	58.0%	40.4%	55.7%

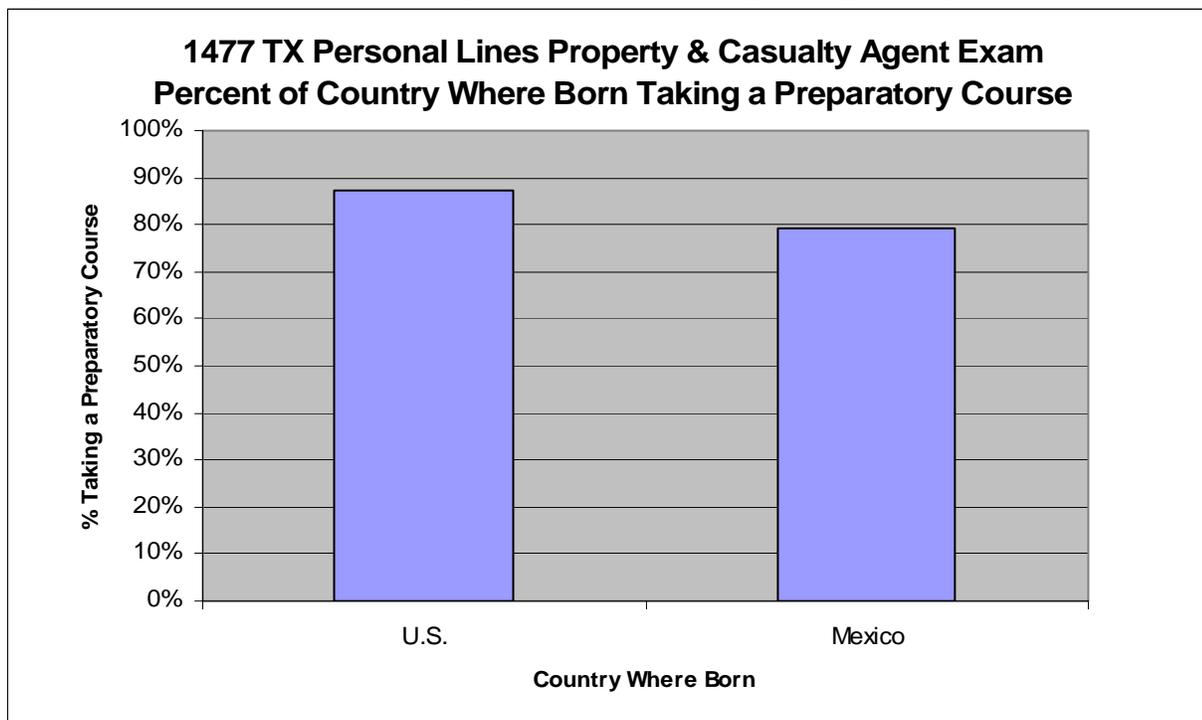
**Figure 60: 1477 First-Time Pass Rates by Country Where Born and Whether Took a Preparatory Course**



**Table 70: 1477 Percent of Country Where Born Taking a Preparatory Course**

Country Where Born		Preparatory Course?		
		Yes	No	Total
United States	# First-Time Candidates	1235	178	1413
	% of U.S.	87.4%	12.6%	100.0%
Mexico	# First-Time Candidates	46	12	58
	% of Mexico	79.3%	20.7%	100.0%
Viet Nam	# First-Time Candidates	2	0	2
	% of Viet nam	100.0%	0.0%	100.0%
Central or South America	# First-Time Candidates	25	5	30
	% of Central or S. America	83.3%	16.7%	100.0%
Other	# First-Time Candidates	69	13	82
	% of Other	84.1%	15.9%	100.0%
Total	# First-Time Candidates	1377	208	1585
	% of Total	86.9%	13.1%	100.0%

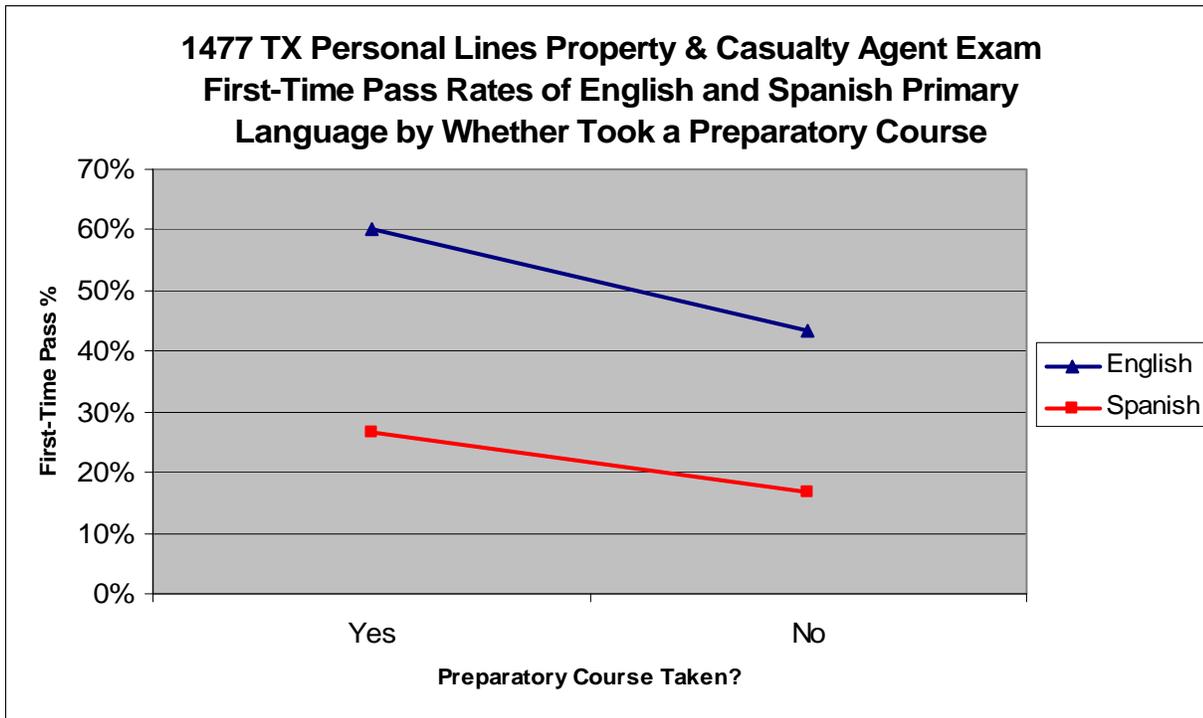
**Figure 61: 1477 Percent of Country Where Born Taking a Preparatory Course**



**Table 71: 1477 First-Time Pass Rates by Primary Language and Whether Took a Preparatory Course**

		Preparatory Course?		
Primary Language		Yes	No	Total
English	# First-Time Candidates	1280	182	1462
	% Pass	60.2%	43.4%	58.1%
Spanish	# First-Time Candidates	21	3	24
	% Pass	26.6%	16.7%	24.7%
Vietnamese	# First-Time Candidates	2	0	2
	% Pass	50.0%	N.A.	50.0%
Other	# First-Time Candidates	16	8	24
	% Pass	37.5%	25.0%	33.3%
Total	# First-Time Candidates	1319	193	1512
	% Pass	57.7%	44.5%	55.9%

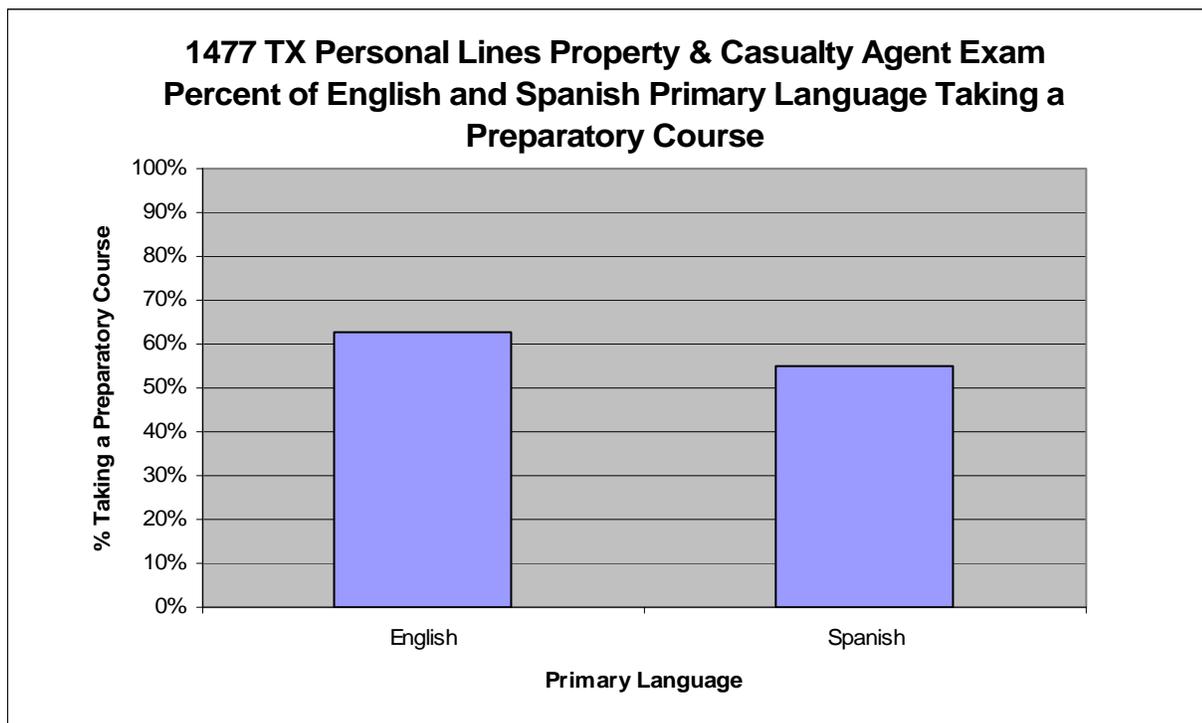
**Figure 62: 1477 First-Time Pass Rates of English and Spanish Primary Language by Whether Took a Preparatory Course**



**Table 72: 1477 Percent of Each Primary Language Taking a Preparatory Course**

Primary Language		Preparatory Course?		
		Yes	No	Total
English	# First-Time Candidates	1280	182	1462
	% of English	87.6%	12.4%	100.0%
Spanish	# First-Time Candidates	21	3	24
	% of Spanish	87.5%	12.5%	100.0%
Vietnamese	# First-Time Candidates	2	0	2
	% of Vietnamese	100.0%	0.0%	100.0%
Other	# First-Time Candidates	16	8	24
	% of Other	66.7%	33.3%	100.0%
Total	# First-Time Candidates	1319	193	1512
	% of Total	87.2%	12.8%	100.0%

**Figure 63: 1477 Percent of English and Spanish Primary Language Taking a Preparatory Course**



## SECTION 15: 1478 Exam First-Time Examinees, Country Where Born, Primary Language, and Whether Took a Preparatory Course

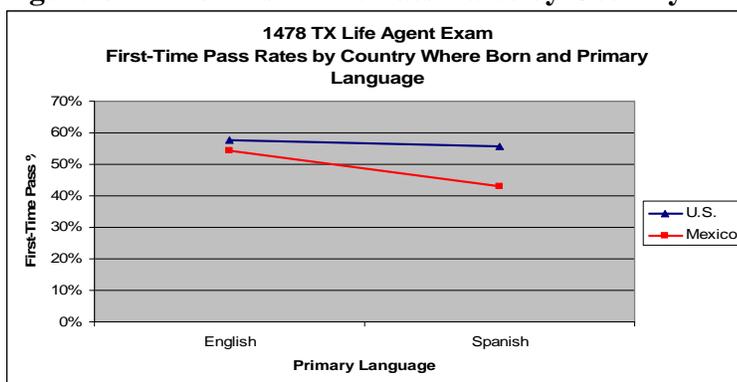
In the 1478 exam, the proportion of U.S.-born candidates whose primary language is English vs. Spanish was greater, and the proportion of Mexican-born candidates whose primary language is Spanish vs. English was greater. The pass rate for U.S.-born candidates was about the same, whether their primary language was English or Spanish. The pass rate for Mexican-born candidates whose primary language is English was close to the pass rate for U.S.-born candidates whose primary language is English. The pass rate for Mexican-born candidates whose primary language is Spanish was lower than the pass rate for Mexican-born candidates whose primary language is English. The pass rate for U.S.-born candidates was higher than the pass rate for Mexican-born candidates, and pass rates of both U.S.-born and Mexican-born candidates was higher if they took a preparatory course. The proportion of Mexican-born candidates who took a course was slightly greater than the proportion of U.S.-born candidates taking a course. The pass rate for both candidates whose primary language is English and whose primary language is Spanish was greater if they took a preparatory course, but more so if their primary language was English. The proportion of candidates whose primary language is Spanish and who took a course was slightly greater than the proportion of candidates whose primary language is English who took a course.

**Table 71: 1478 First-Time Pass Rates by Country Where Born and Primary Language\***

Country Where Born		Primary Language				Total
		English	Spanish	Vietnamese	Other	
United States	# First-Time Candidates	3237	163	10	12	3422
	% Pass	57.8%	55.8%	60.0%	58.3%	57.7%
Mexico	# First-Time Candidates	81	172	0	0	253
	% Pass	54.3%	43.0%	N.A.	N.A.	46.6%
Viet Nam	# First-Time Candidates	16	0	52	1	69
	% Pass	50.0%	N.A.	32.7%	0.0%	36.2%
Central /South America	# First-Time Candidates	33	91	0	1	125
	% Pass	63.6%	40.7	N.A.	0.0%	46.4%
Other	# First-Time Candidates	209	20	0	209	438
	% Pass	54.5%	60.0%	N.A.	51.2%	53.2%
Total	# First-Time Candidates	3576	446	62	223	4307
	% Pass	57.6%	48.0%	37.1%	51.1%	55.9%

\* One candidate was not included in this table because there was no information about primary language or country where born.

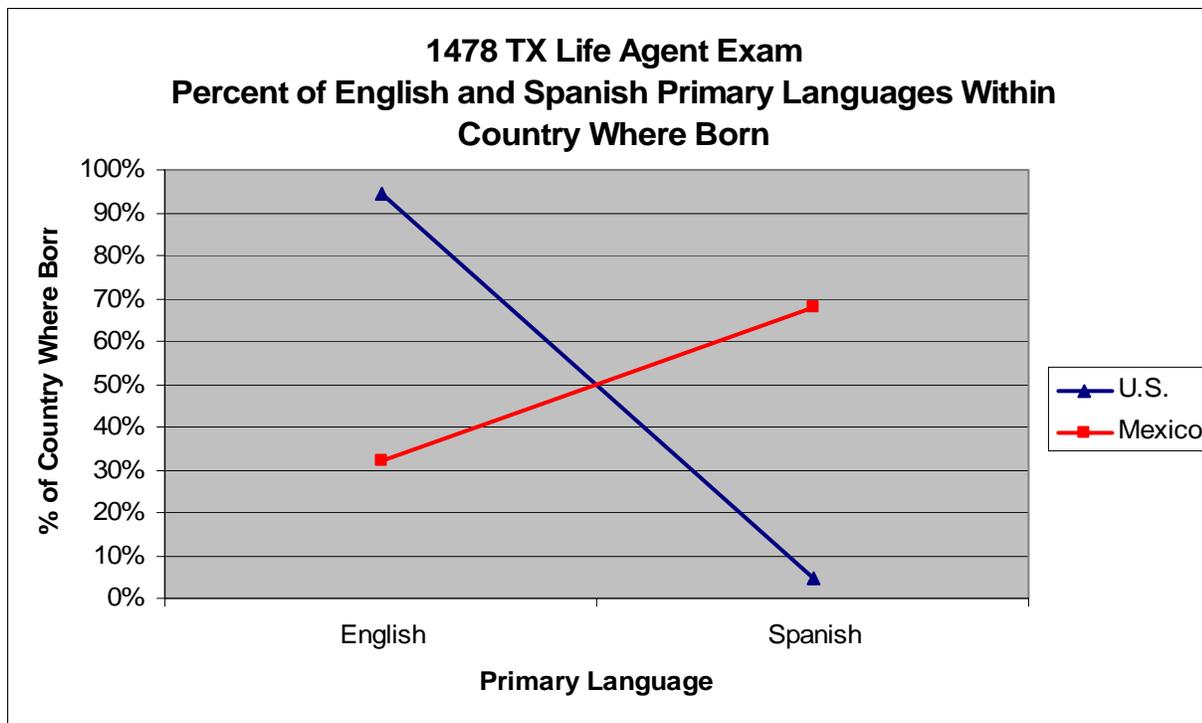
**Figure 64: 1478 First-Time Pass Rates by Country Where Born and Primary Language**



**Table 72: 1478 Percent of Each Primary Language Within Country Where Born**

Country Where Born		Primary Language					Total
		English	Spanish	Vietnamese	Other		
United States	# First-Time Candidates	3237	163	10	12	3422	
	% U.S.	94.6%	4.8%	0.3%	0.4%	100.0%	
Mexico	# First-Time Candidates	81	172	0	0	253	
	% Mexico	32.0%	68.0%	0.0%	0.0%	100.0%	
Viet Nam	# First-Time Candidates	16	0	52	1	69	
	% Viet Nam	23.2%	0.0%	75.4%	1.4%	100.0%	
Central or South America	# First-Time Candidates	33	91	0	1	125	
	% Central or S. America	26.4%	72.8%	0.0%	0.8%	100.0%	
Other	# First-Time Candidates	209	20	0	209	438	
	% Other	47.7%	4.6%	0.0%	47.7%	100.0%	
Total	# First-Time Candidates	3576	446	62	223	4307	
	% Total	83.0%	10.4%	1.4%	5.2%	100.0%	

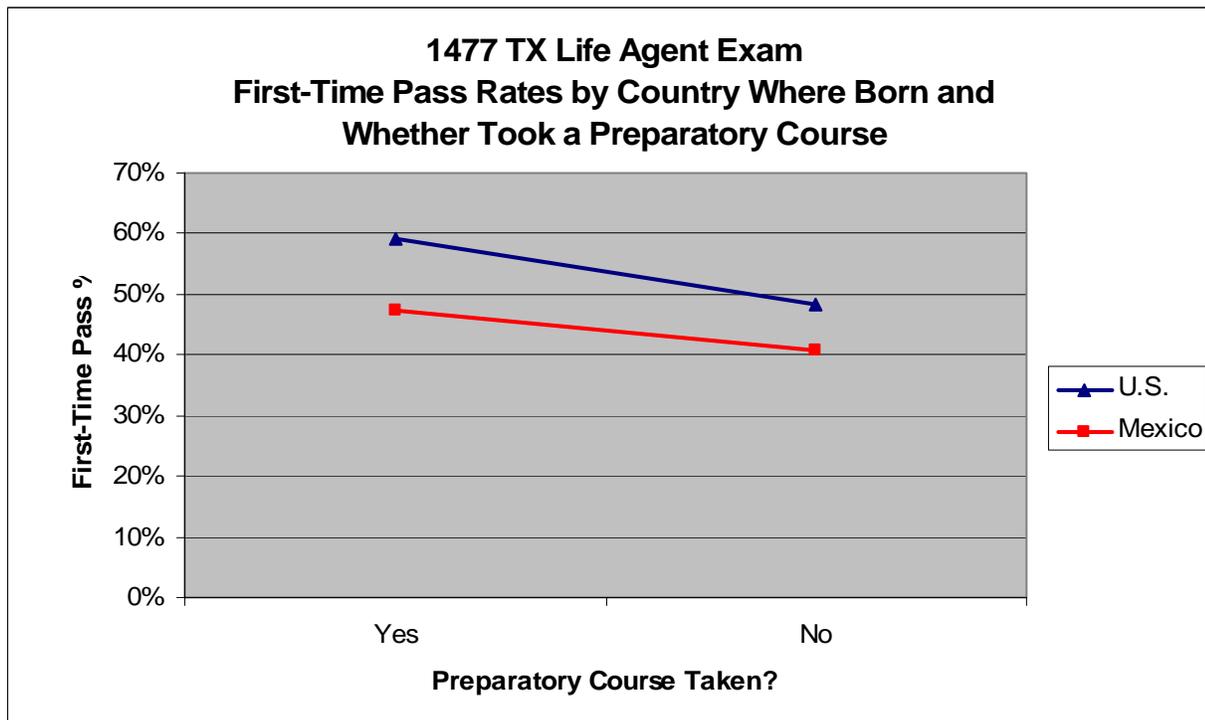
**Figure 65: 1478 Percent of English and Spanish Primary Languages Within Country Where Born**



**Table 73: 1478 First-Time Pass Rates by Country Where Born and Whether Took a Preparatory Course**

Country Where Born		Preparatory Course?		
		Yes	No	Total
United States	# First-Time Candidates	2997	425	3422
	% Pass	59.1%	48.2%	57.7%
Mexico	# First-Time Candidates	231	22	253
	% Pass	47.2%	40.9%	46.6%
Viet Nam	# First-Time Candidates	45	24	69
	% Pass	42.2%	25.0%	36.2%
Central or South America	# First-Time Candidates	110	15	125
	% Pass	49.1%	26.7%	46.4%
Other	# First-Time Candidates	351	87	438
	% Pass	57.5%	35.6%	53.2%
Total	# First-Time Candidates	3734	573	4307
	% Pass	57.7%	44.5%	55.9%

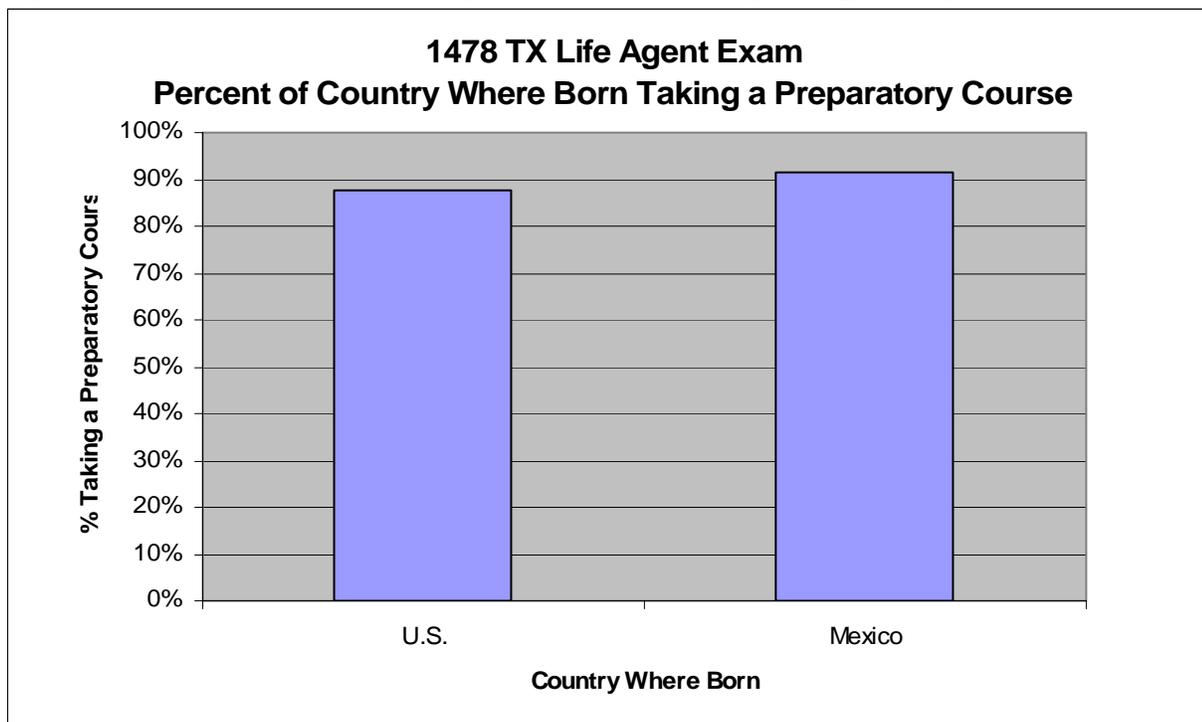
**Figure 66: 1478 First-Time Pass Rates by Country Where Born and Whether Took a Preparatory Course**



**Table 74: 1478 Percent of Country Where Born Taking a Preparatory Course**

Country Where Born		Preparatory Course?		
		Yes	No	Total
United States	# First-Time Candidates	2997	425	3422
	% of U.S.	87.6%	12.4%	100.0%
Mexico	# First-Time Candidates	231	22	253
	% of Mexico	91.3%	8.7%	100.0%
Viet Nam	# First-Time Candidates	45	24	69
	% of Viet nam	65.2%	34.8%	100.0%
Central or South America	# First-Time Candidates	110	15	125
	% of Central or S. America	88.0%	12.0%	100.0%
Other	# First-Time Candidates	351	87	438
	% of Other	80.1%	19.9%	100.0%
Total	# First-Time Candidates	3734	573	4307
	% of Total	86.7%	13.3%	100.0%

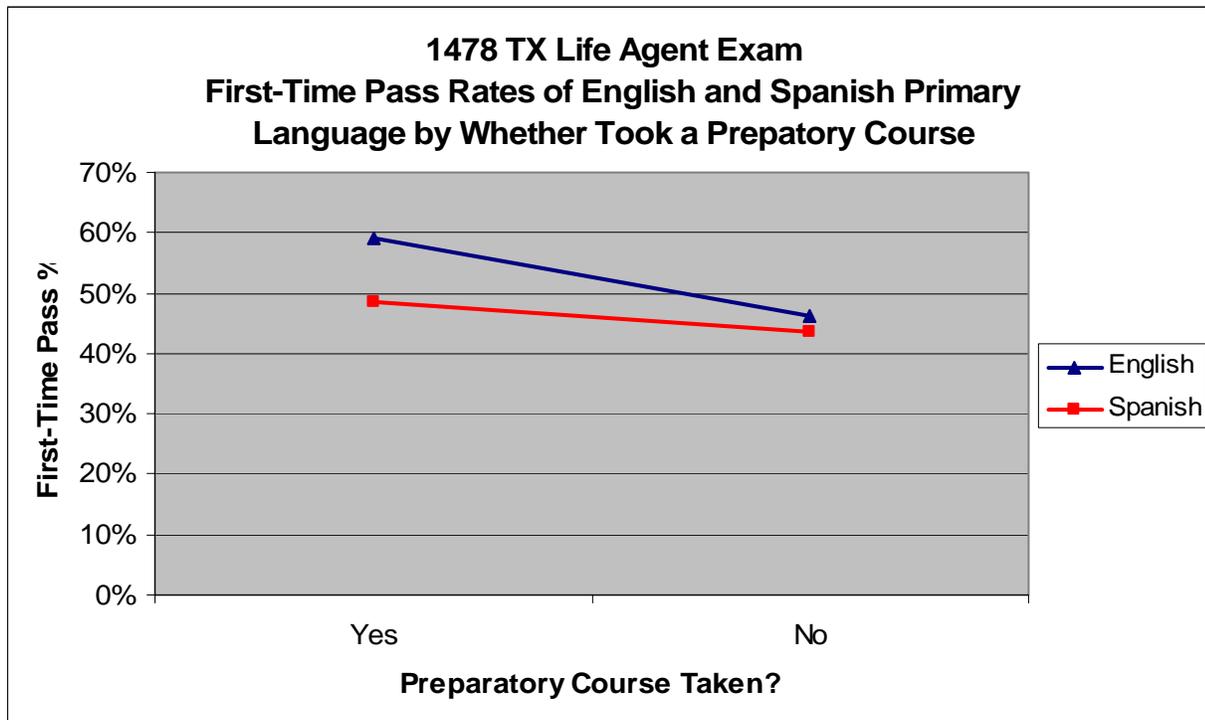
**Figure 67: 1478 Percent of Country Where Born Taking a Preparatory Course**



**Table 75: 1478 First-Time Pass Rates by Primary Language and Whether Took a Preparatory Course**

Primary Language		Preparatory Course?		
		Yes	No	Total
English	# First-Time Candidates	3114	462	3576
	% Pass	59.2%	46.3%	57.6%
Spanish	# First-Time Candidates	407	39	446
	% Pass	48.4%	43.6%	48.0%
Vietnamese	# First-Time Candidates	42	20	62
	% Pass	40.5%	30.0%	37.1%
Other	# First-Time Candidates	171	52	223
	% Pass	56.1%	34.6%	51.1%
Total	# First-Time Candidates	3734	573	4307
	% Pass	57.7%	44.5%	55.9%

**Figure 68: 1478 First-Time Pass Rates of English and Spanish Primary Language by Whether Took a Preparatory Course**



**Table 76: 1478 Percent of Each Primary Language Taking a Preparatory Course**

Primary Language		Preparatory Course?		
		Yes	No	Total
English	# First-Time Candidates	3114	462	3576
	% of English	87.1%	12.9%	100.0%
Spanish	# First-Time Candidates	407	39	446
	% of Spanish	91.3%	8.7%	100.0%
Vietnamese	# First-Time Candidates	42	20	62
	% of Vietnamese	67.7%	32.3%	100.0%
Other	# First-Time Candidates	171	52	223
	% of Other	76.7%	23.3%	100.0%
Total	# First-Time Candidates	3734	573	4307
	% of Total	86.7%	13.3%	100.0%

**Figure 69: 1478 Percent of English and Spanish Primary Language Taking a Preparatory Course**

