

# HPV Vaccination Data

2018 HPV Up – To –Date Shot (UTD)

U.S. Department of Health and Human Services (DHHS). National Center for Immunization and Respiratory Diseases. The 2014-2018 National Immunization Survey - Teen.

Compiled by the Office of Health Policy 2.6.20

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## Vaccination Coverage Estimates Among Adolescents 13-17 Years in Texas and U.S., 2017 - 2018

<b>Vaccine</b>	<b>Texas 2017</b>	<b>U.S. National Average 2017</b>	<b>Texas 2018</b>	<b>U.S. National Average 2018</b>
<b>≥ 1 dose of Tdap</b>	<b>83.2%</b>	<b>88.7%</b>	<b>83.4%</b>	<b>88.9%</b>
<b>≥ 1 dose of MenACWY</b>	<b>85.1%</b>	<b>85.1%</b>	<b>86.7%</b>	<b>86.6%</b>
<b>≥ 1 dose of HPV (Initiation)</b>	<b>57.8%</b>	<b>65.5%</b>	<b>59.9%</b>	<b>68.1%</b>
<b>HPV Up-To-Date (UTD)</b>	<b>39.7%</b>	<b>48.6%</b>	<b>43.5%</b>	<b>51.1%</b>
<b>≥ 1 dose HPV Females</b>	<b>60.4%</b>	<b>68.6%</b>	<b>64.6%</b>	<b>69.9%</b>
<b>HPV Up-To-Date (UTD) Females</b>	<b>43.5%</b>	<b>53.1%</b>	<b>47.8%</b>	<b>53.7%</b>
<b>≥ 1 dose HPV Males</b>	<b>55.2%</b>	<b>62.6%</b>	<b>55.5%</b>	<b>66.3%</b>
<b>HPV Up-To-Date (UTD) Males</b>	<b>36.0%</b>	<b>44.3%</b>	<b>39.4%</b>	<b>48.7%</b>
<b>≥ 2 doses MMR</b>	<b>84.7%</b>	<b>92.1%</b>	<b>83.1%</b>	<b>91.9%</b>
<b>≥ 2 doses VAR</b>	<b>82.9%</b>	<b>88.6%</b>	<b>82.0%</b>	<b>89.6%</b>

## 2018 HPV UTD Among Adolescents 13-17 Years by State

2018 HPV  
Up-To-Date (UTD)  
Ranking # out of 50  
States and DC

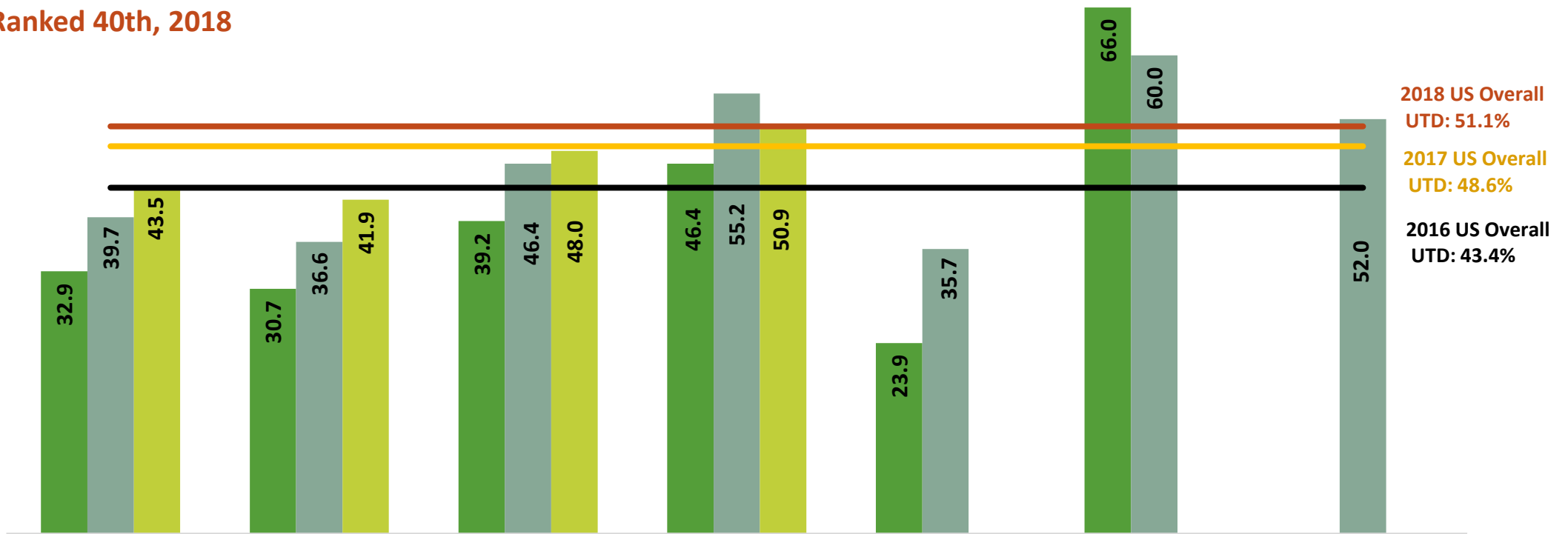
Rank	State	% UTD	Rank	State	% UTD	Rank	State	% UTD
1	Rhode Island	78.1	21	Pennsylvania	54.1	41	Idaho	43.4
2	District of Columbia	71.3	22	Illinois	53.4	42	Utah	43.2
3	Massachusetts	68.7	23	Connecticut	53.1	43	West Virginia	42.9
4	New Hampshire	67.4	24	California	52.6	44	Arkansas	42.6
5	North Dakota	63.6	25	North Carolina	52.1	45	Kentucky	42.6
6	Nebraska	62.7	26	Washington	51.6	46	Missouri	42.1
7	Colorado	62.5	27	Nevada	51.1	47	Wyoming	42.0
8	Vermont	62.0	28	Arizona	50.7	48	South Carolina	41.2
9	Hawaii	60.7	29	Maine	50.7	49	Kansas	40.7
10	Minnesota	58.8	30	Alabama	50.2	50	Oklahoma	37.9
11	Delaware	58.4	31	Georgia	49.6	51	Mississippi	32.6
12	Ohio	58.2	32	South Dakota	49.5			
13	Oregon	58.2	33	Indiana	48.9			
14	Maryland	58.1	34	New Jersey	48.5			
15	New York	57.3	35	Montana	48.4			
16	New Mexico	57.0	36	Louisiana	46.7			
17	Wisconsin	55.7	37	Florida	46.5			
18	Iowa	55.1	38	Tennessee	44.4			
19	Michigan	55.0	39	Alaska	44.1			
20	Virginia	54.9	<b>40</b>	<b>Texas</b>	<b>43.5</b>			

# TEXAS HPV ADOLESCENT UTD\* COMPARISON MALES AND FEMALES, 13- 17 YEARS, 2016 - 2018

■ 2016   
 ■ 2017   
 ■ 2018   
 — 2016 US   
 — 2017 US   
 — 2018 US

\*UTD - Up-to-date

**Texas Ranked 40th, 2018**



**2018 US Overall UTD: 51.1%**  
**2017 US Overall UTD: 48.6%**  
**2016 US Overall UTD: 43.4%**

2018 Population of Males and Females 13-17 Years<sup>2</sup>

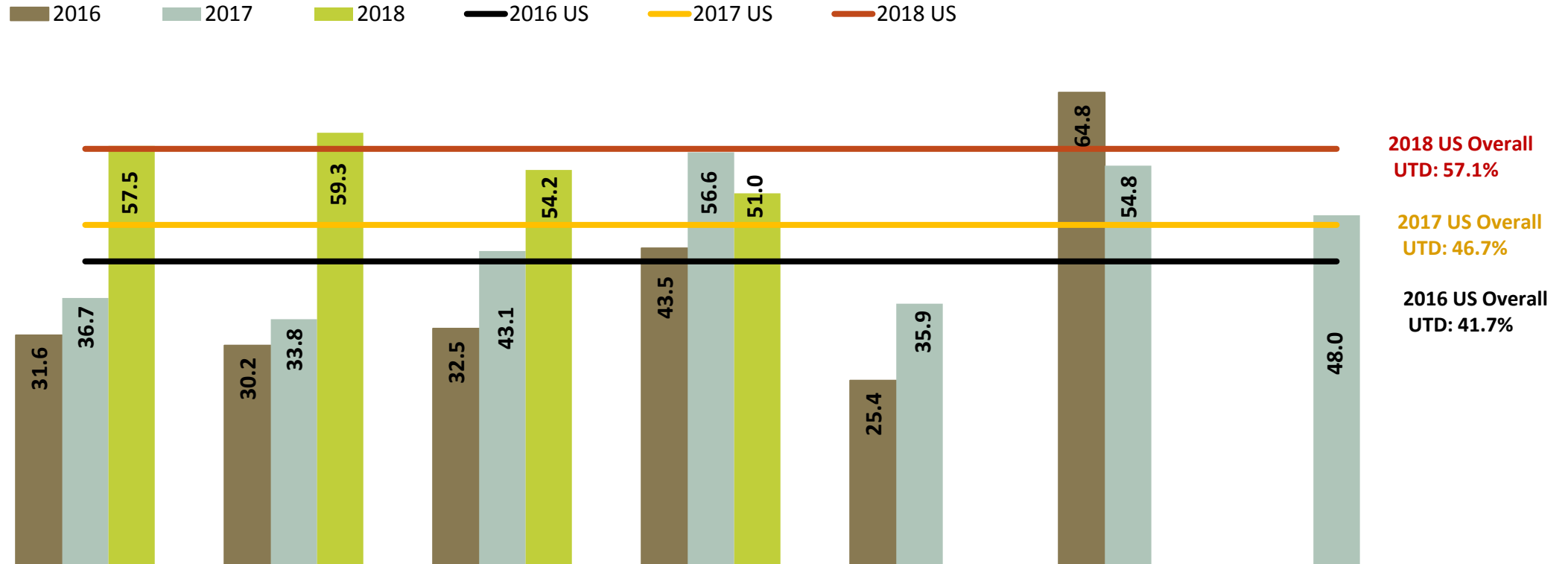
Region	Population	% of Texas
TEXAS	2,040,950	-
* REST OF TX	1,582,451	(77.5%)
BEXAR CO.	135,684	(6.6%)
HOUSTON	137,062	(7.3%) 2010 <sup>3</sup>
DALLAS CO.	188,682	(9.2%)
EL PASO CO.	61,675	(3.0%)
TRAVIS CO.	72,458	(3.6%)
Texas	1,870,555	2010 <sup>3</sup>

\* 2018 Houston population is included in the Rest of TX

1. U.S. Department of Health and Human Services (DHHS). National Center for Immunization and Respiratory Diseases. The 2016 – 2018 National Immunization Survey - Teen  
 2. Texas Demographic Center, 2018 Population Estimates  
 3. U.S. Census Bureau, 2010 Census

# TEXAS HPV ADOLESCENT UTD\* COMPARISON LIVING AT OR ABOVE POVERTY LEVEL MALES AND FEMALES, 13 – 17 YEARS, 2016 - 2018

\*UTD - Up-to-date



**2018 Population of Males and Females 13-17 Years<sup>2</sup>**

Region	Population	% of Texas
TEXAS	2,040,950	-
* REST OF TX	1,582,451	(77.5%)
BEXAR CO.	135,684	(6.6%)
HOUSTON	137,062	(7.3%)
DALLAS CO.	188,682	(9.2%)
EL PASO CO.	61,675	(3.0%)
TRAVIS CO.	72,458	(3.6%)

Texas 1,870,555 2010

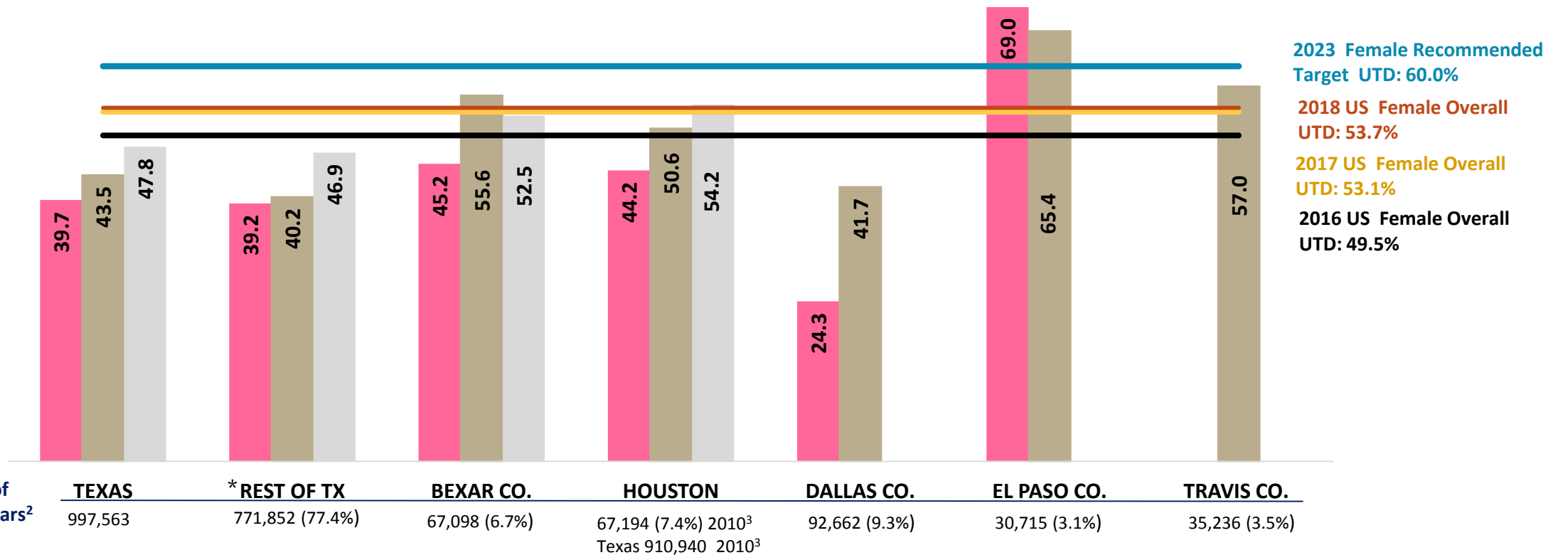
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## TEXAS HPV ADOLESCENT UTD\* COMPARISON FEMALES ONLY, 13- 17 YEARS, 2016 - 2018

■ 2016   
 ■ 2017   
 ■ 2018   
 — US 2016   
 — US 2017   
 — US 2018   
 — 2023 Target

\*UTD - Up-to-date



\* 2018 Houston population is included in the Rest of TX

1. U.S. Department of Health and Human Services (DHHS). National Center for Immunization and Respiratory Diseases. The 2016 – 2018 National Immunization Survey - Teen

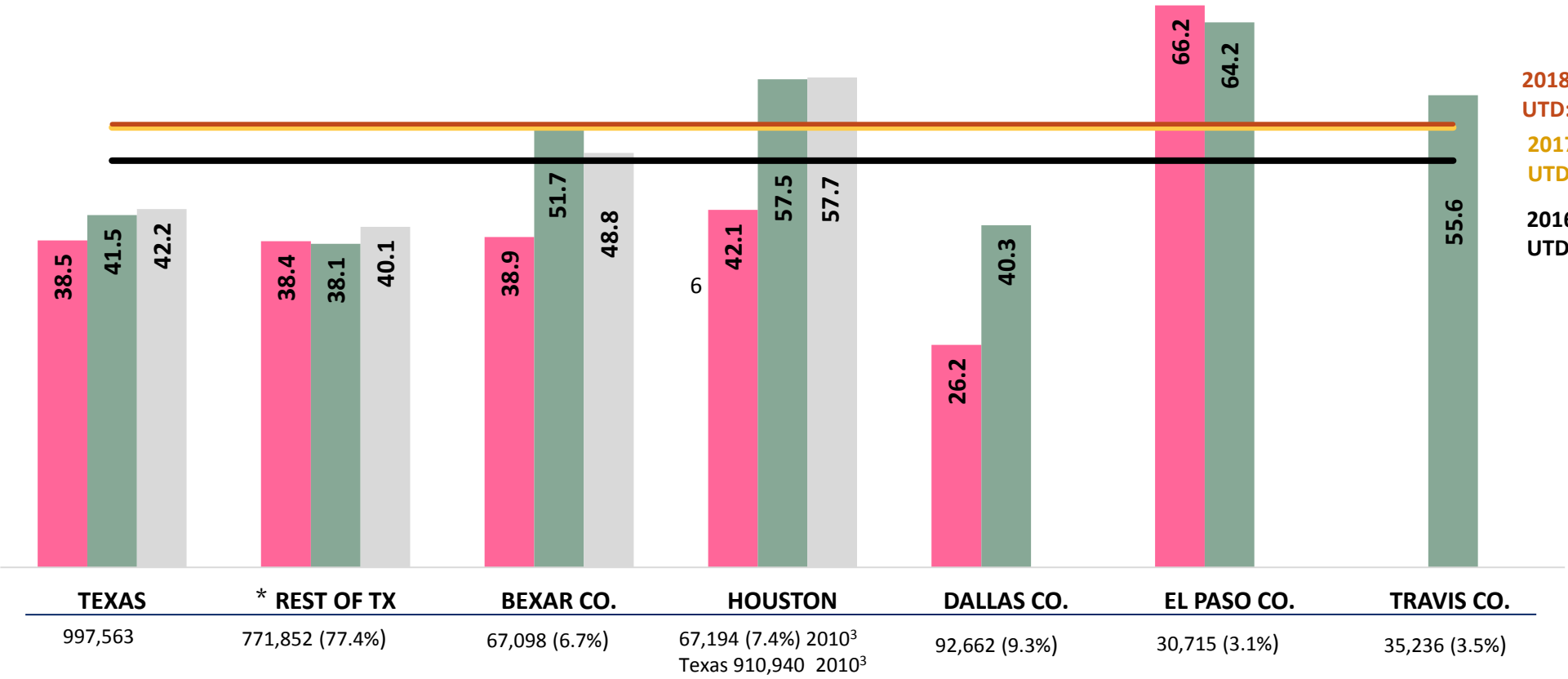
2. Texas Demographic Center, 2018 Population Estimates

3. U.S. Census Bureau, 2010 Census

# TEXAS HPV ADOLESCENT UTD\* COMPARISON LIVING AT OR ABOVE POVERTY LEVEL FEMALES ONLY, 13 – 17 YEARS, 2016 - 2018

\*UTD - Up-to-date

■ 2016   
 ■ 2017   
 ■ 2018   
 — US 2016   
 — US 2017   
 — US 2018



2018 Population of Females 13-17 Years<sup>2</sup>

\* 2018 Houston population is included in the Rest of TX

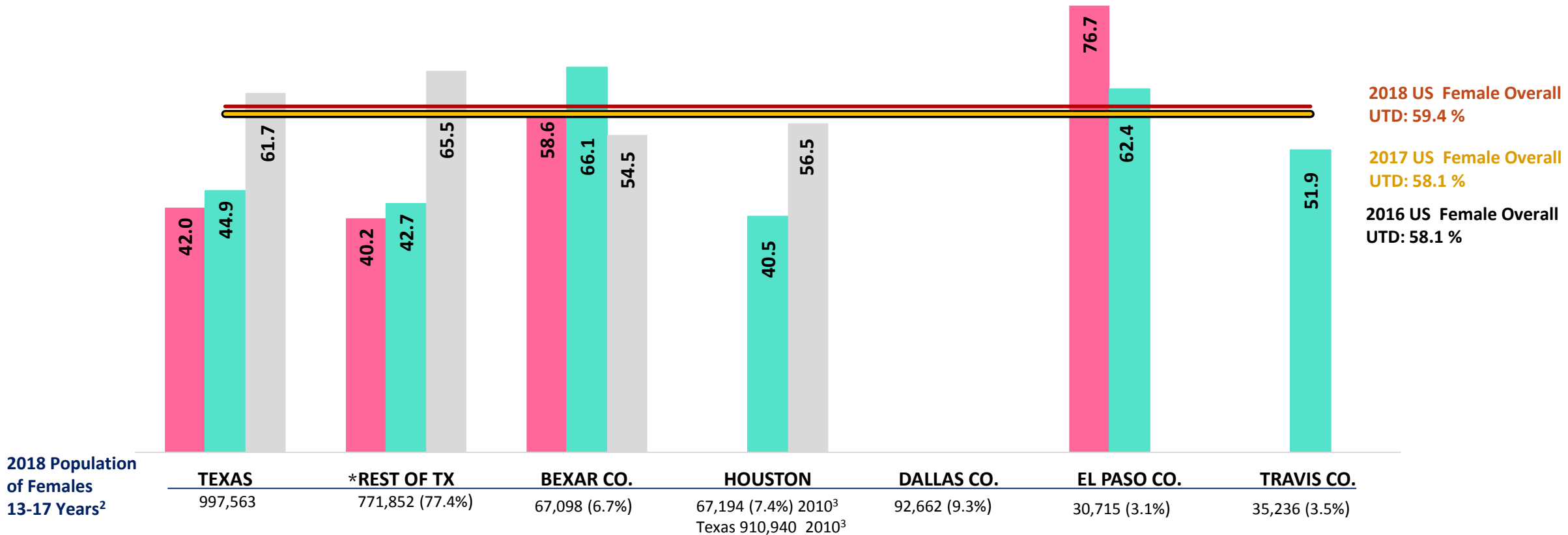
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 3. U.S. Census Bureau, 2010 Census



# TEXAS HPV ADOLESCENT UTD\* COMPARISON LIVING BELOW POVERTY LEVEL FEMALES ONLY, 13 – 17 YEARS, 2016 - 2018

■ 2016   
 ■ 2017   
 ■ 2018   
 — US 2016   
 — US 2017   
 — US 2018

\*UTD - Up-to-date



**2018 Population of Females 13-17 Years<sup>2</sup>**

<b>TEXAS</b>	<b>*REST OF TX</b>	<b>BEXAR CO.</b>	<b>HOUSTON</b>	<b>DALLAS CO.</b>	<b>EL PASO CO.</b>	<b>TRAVIS CO.</b>
997,563	771,852 (77.4%)	67,098 (6.7%)	67,194 (7.4%) 2010 <sup>3</sup> Texas 910,940 2010 <sup>3</sup>	92,662 (9.3%)	30,715 (3.1%)	35,236 (3.5%)

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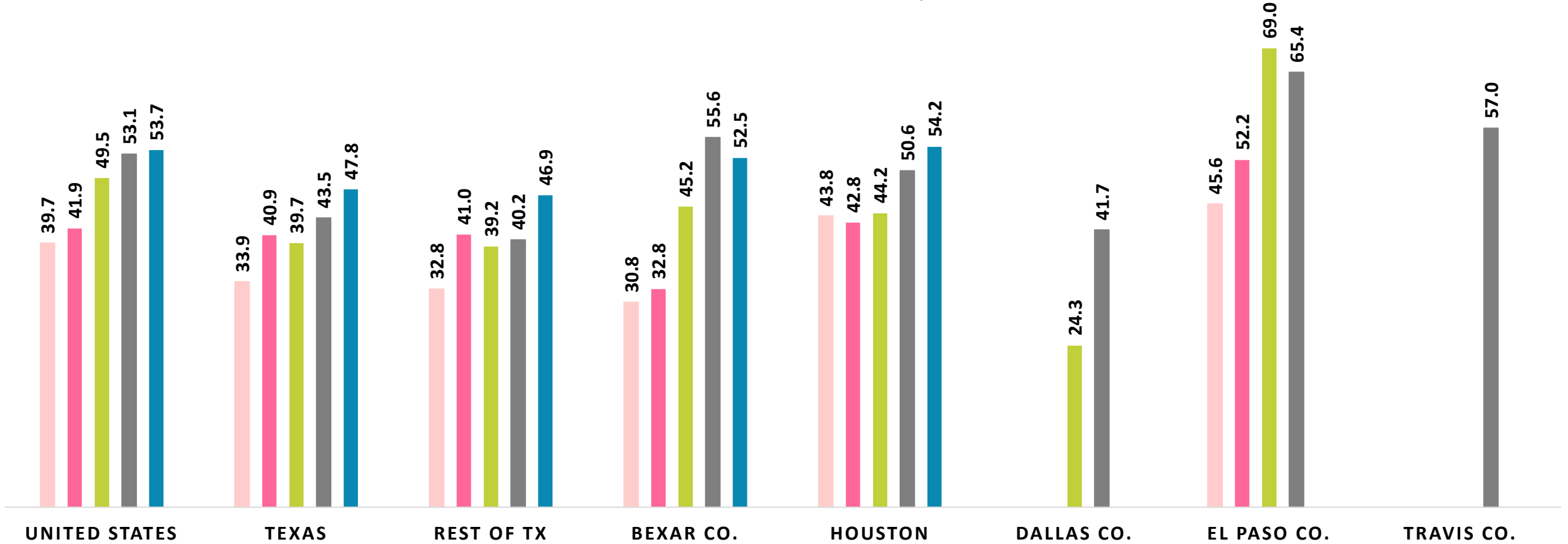
# TEXAS AND U.S. HPV ADOLESCENT ≥ 3 DOSE AND UTD\* COMPARISON FEMALES ONLY, 13 – 17 YEARS, 2014 - 2018

\*UTD - Up-To-Date

≥ 3 Doses of HPV Vaccine, either 4vHPV or 2vHPV (2014 & 2015)

HPV Vaccination UTD includes ≥ 3 doses and those with 2 doses when the first HPV vaccine was initiated at age < 15yrs (2016, 2017 & 2018)

2014 2015 2016 2017 2018



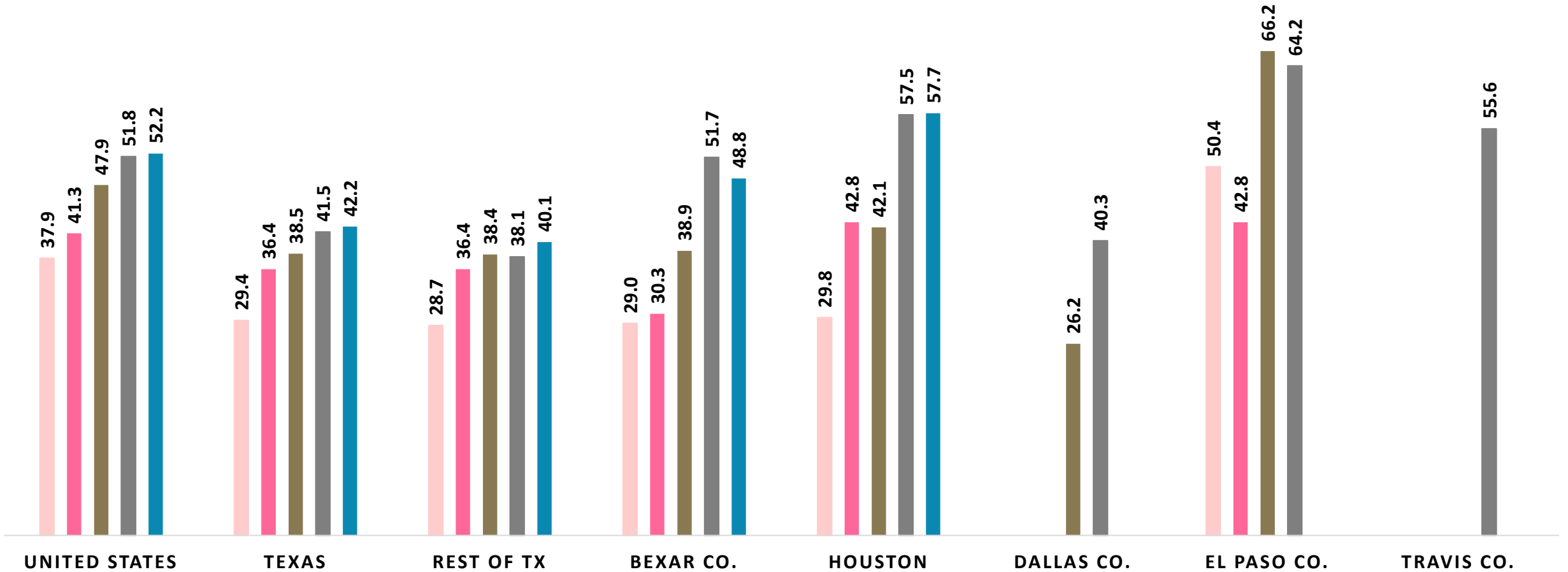
# TEXAS AND U.S. HPV ADOLESCENT $\geq 3$ DOSE AND UTD\* COMPARISON LIVING AT OR ABOVE POVERTY LEVEL FEMALES ONLY, 13 – 17 YEARS, 2014 - 2018

\*UTD - Up-To-Date

$\geq 3$  Doses of HPV Vaccine, either 4vHPV or 2vHPV (2014 & 2015)

HPV Vaccination UTD includes  $\geq 3$  doses and those with 2 doses when the first HPV vaccine was initiated at age < 15yrs (2016, 2017 & 2018)

2014 2015 2016 2017 2018



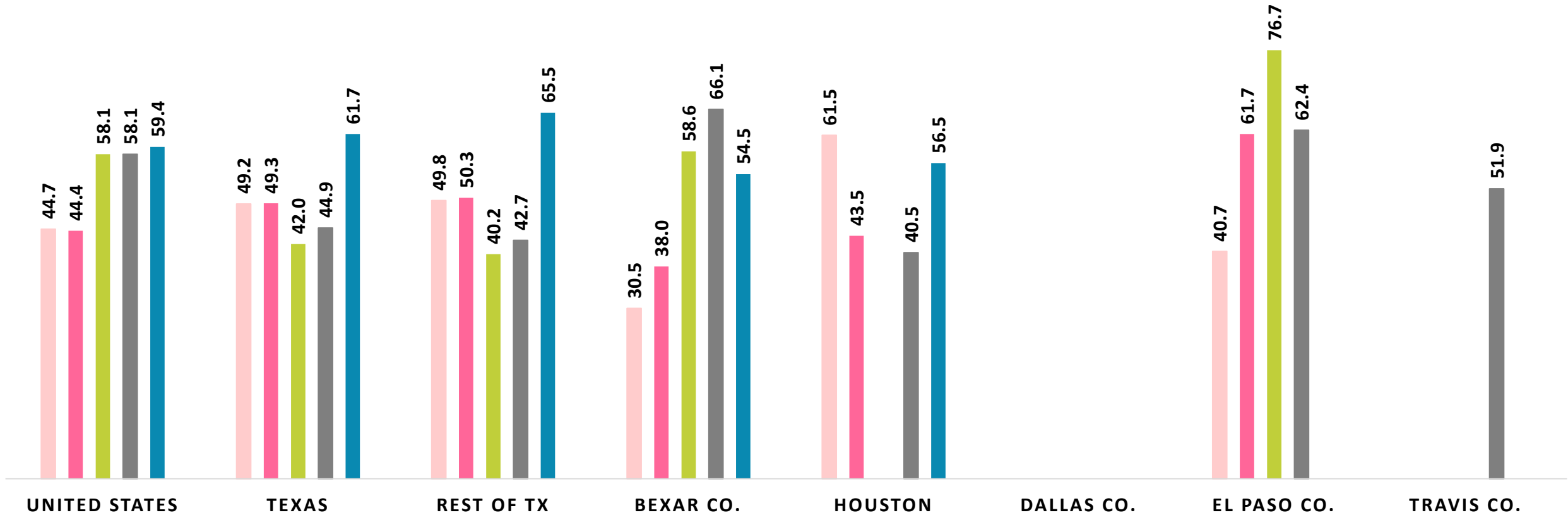
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$\geq$  3 Doses of HPV Vaccine, either 4vHPV or 2vHPV (2014 & 2015)

HPV Vaccination UTD includes  $\geq$  3 doses and those with 2 doses when the first HPV vaccine was initiated at age < 15yrs (2016, 2017 & 2018)

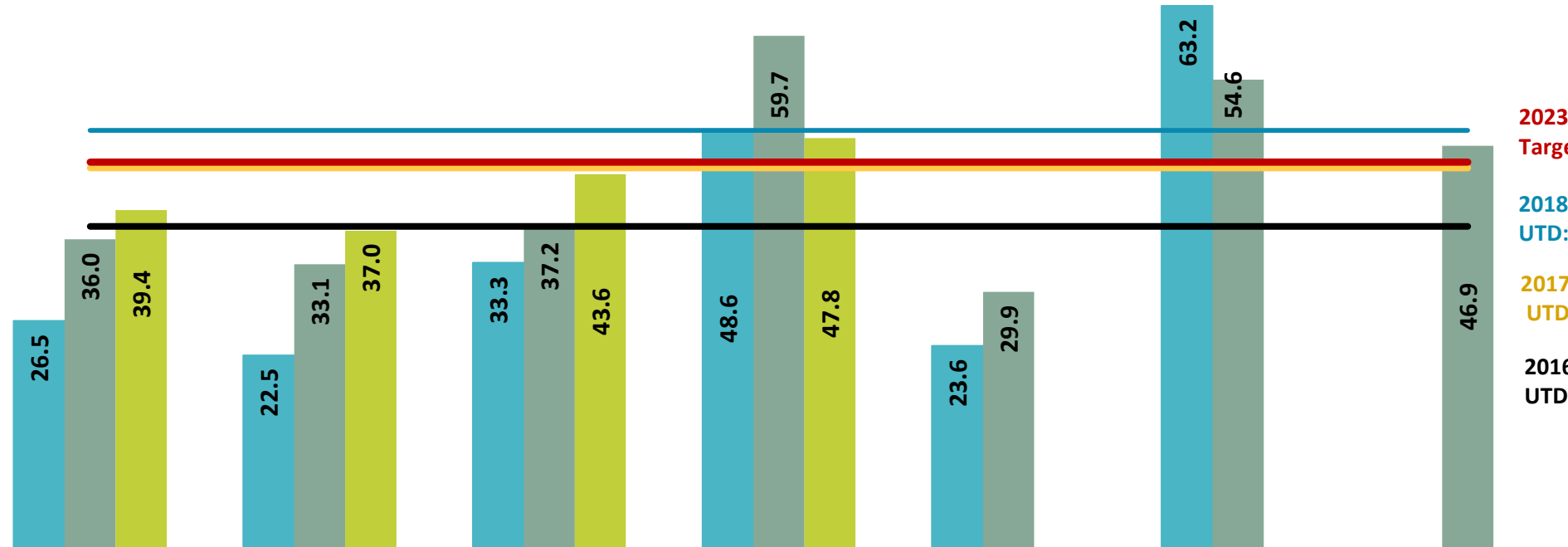
2014 2015 2016 2017 2018



## TEXAS HPV ADOLESCENT UTD\* COMPARISON MALES ONLY, 13 – 17 YEARS, 2016 - 2018

■ 2016   
 ■ 2017   
 ■ 2018   
 — US 2016   
 — US 2017   
 — US 2018   
 — 2023 Target

\*UTD - Up-to-date



**2023 Male Recommended Target UTD: 45.0%**

**2018 US Male Overall UTD: 48.7%**

**2017 US Male Overall UTD: 44.3%**

**2016 US Male Overall UTD: 43.4%**

2018 Population of Males 13-17 Years<sup>2</sup>

Region	Population
TEXAS	1,043,387
*REST OF TX	810,599 (77.7%)
BEXAR CO.	68,586 (6.6%)
HOUSTON	69,868 (7.3%) 2010 <sup>3</sup> Texas 959,615 2010 <sup>3</sup>
DALLAS CO.	96,020 (9.2%)
EL PASO CO.	30,960 (3.0%)
TRAVIS CO.	37,222 (3.6%)

\* 2018 Houston population is included in the Rest of TX

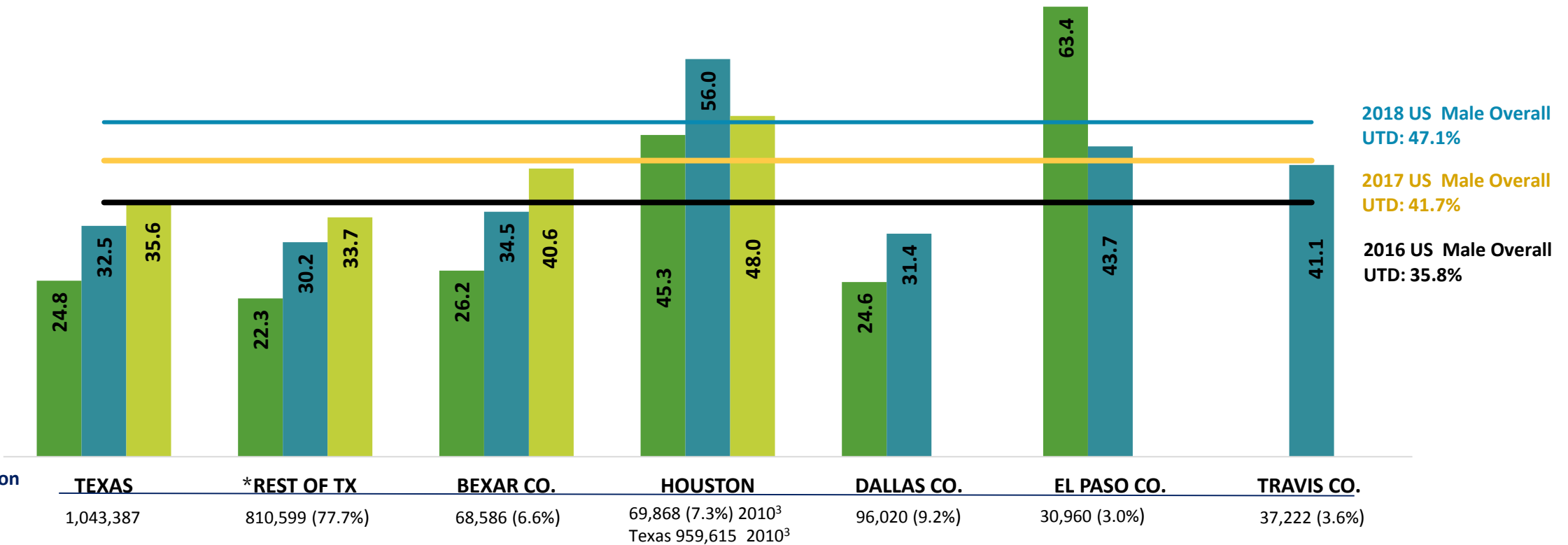
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# TEXAS HPV ADOLESCENT UTD\* COMPARISON LIVING AT OR ABOVE POVERTY LEVEL MALES ONLY, 13 - 17 YEARS, 2016 - 2018

■ 2016     ■ 2017     ■ 2018     — US 2016     — US 2017     — US 2018     \*UTD - Up-to-date



2018 Population of Males 13-17 Years<sup>2</sup>

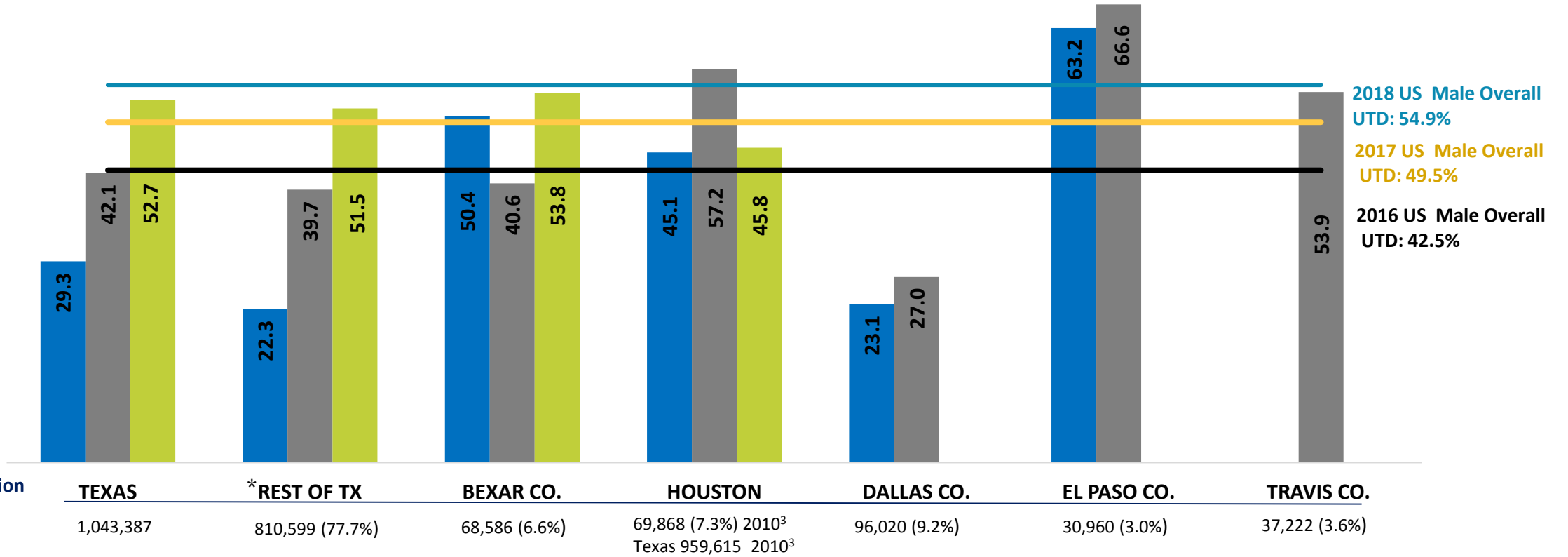
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# TEXAS HPV ADOLESCENT UTD\* COMPARISON LIVING BELOW POVERTY LEVEL MALES ONLY, 13 - 17 YEARS, 2016 - 2018

\*UTD - Up-to-date

■ 2016    
 ■ 2017    
 ■ 2018    
 — US 2016    
 — US 2017    
 — US 2018



2018 Population of Males 13-17 Years<sup>2</sup>

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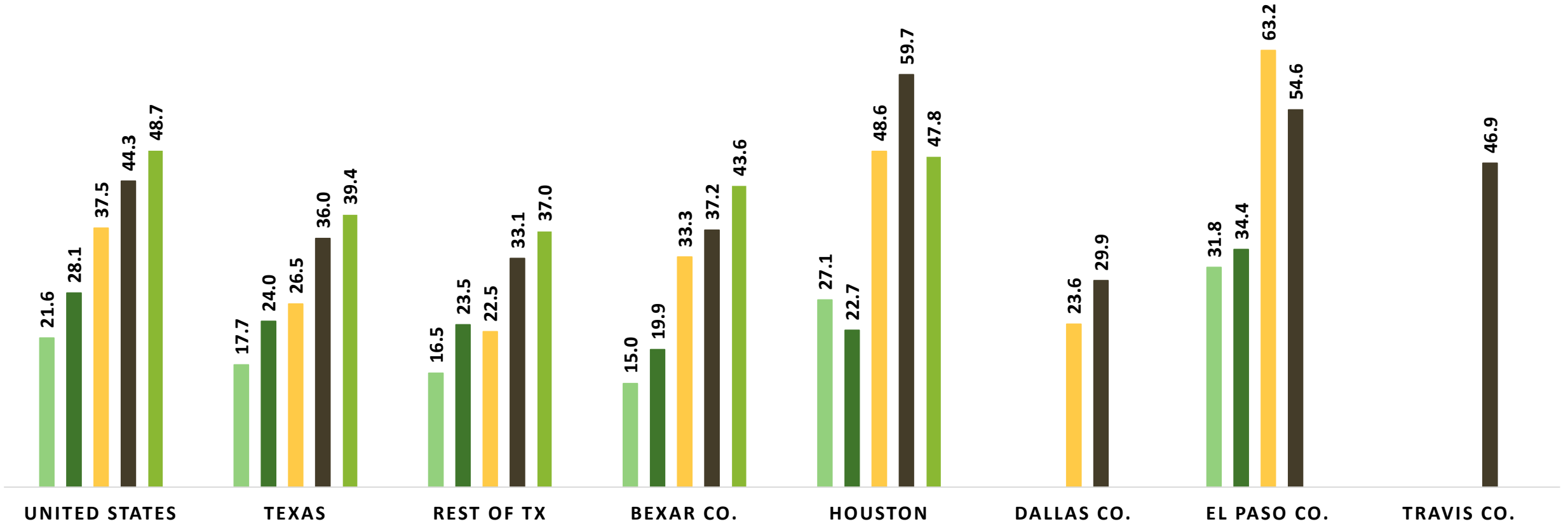
# TEXAS AND U.S. HPV ADOLESCENT ≥ 3 DOSE AND UTD\* COMPARISON MALES ONLY, 13 – 17 YEARS, 2014 - 2018

2014 2015 2016 2017 2018

\*UTD - Up-To-Date

≥ 3 Doses of HPV Vaccine, either 4vHPV or 2vHPV (2014 & 2015)

HPV Vaccination UTD includes ≥ 3 doses and those with 2 doses when the first HPV vaccine was initiated at age < 15yrs (2016, 2017 & 2018)





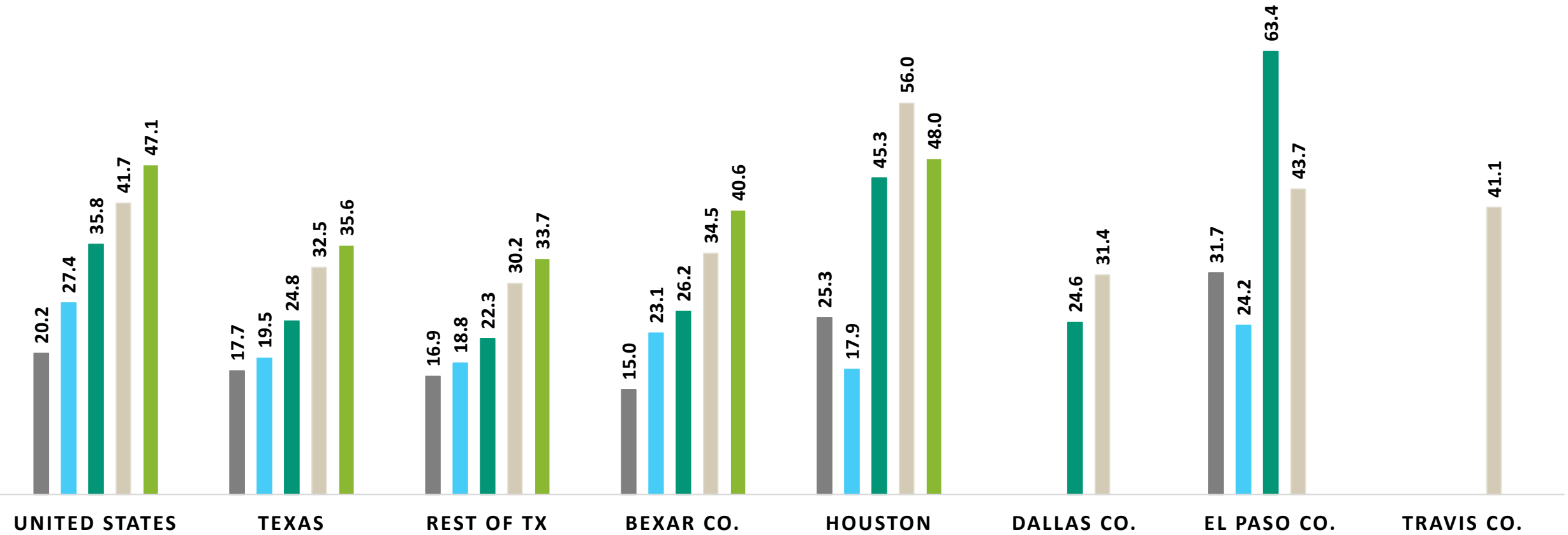
# TEXAS AND U.S. HPV ADOLESCENT $\geq 3$ DOSE AND UTD\* COMPARISON LIVING AT OR ABOVE POVERTY LEVEL MALES ONLY, 13 - 17 YEARS, 2014 - 2018

■ 2014   ■ 2015   ■ 2016   ■ 2017   ■ 2018

\*UTD - Up-To-Date

$\geq 3$  Doses of HPV Vaccine, either 4vHPV or 2vHPV (2014 & 2015)

HPV Vaccination UTD includes  $\geq 3$  doses and those with 2 doses when the first HPV vaccine was initiated at age < 15yrs (2016, 2017 & 2018)

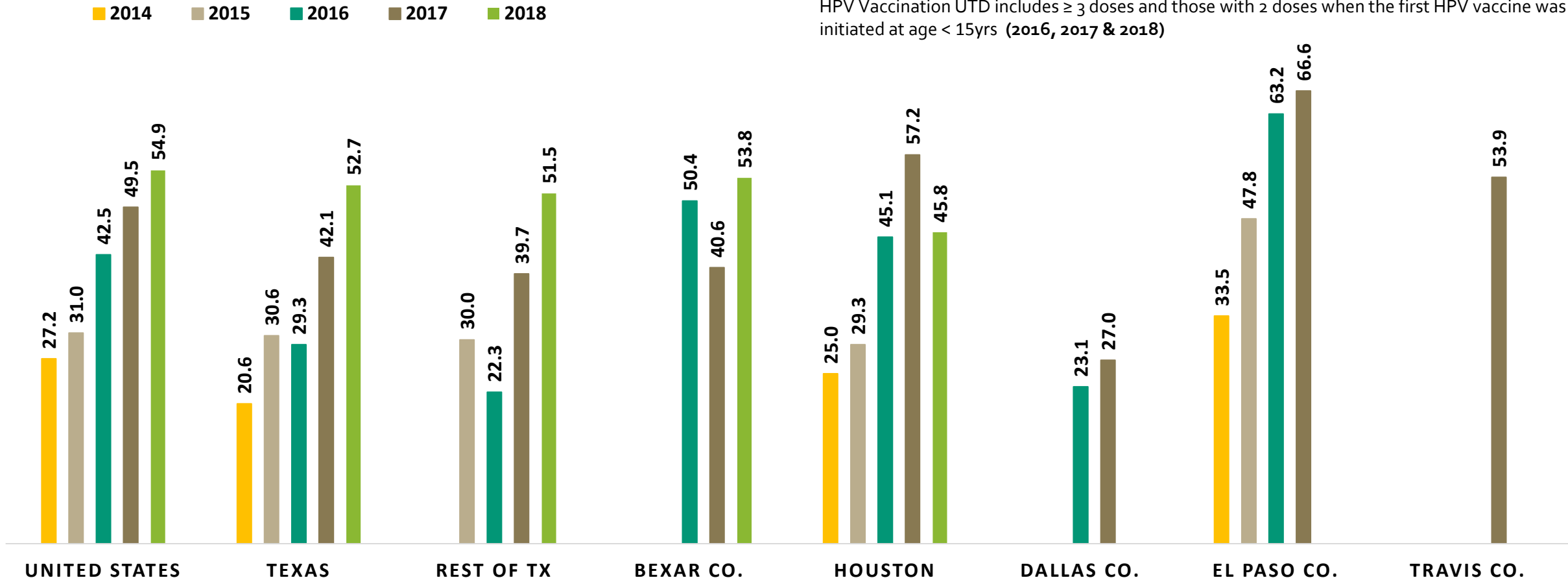


# TEXAS AND U.S. HPV ADOLESCENT $\geq 3$ DOSE AND UTD\* COMPARISON LIVING BELOW POVERTY LEVEL MALES ONLY, 13 - 17 YEARS, 2014 - 2018

\*UTD - Up-To-Date

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