



The Norman Lear
CENTER
FOR THE STUDY OF ENTERTAINMENT, MEDIA & SOCIETY

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Appendices

Change the Narrative, Change the World

How Immigrant Representation on Television
Moves Audiences to Action

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APPENDIX A: SURVEY

Shows with Regular/Recurring Immigrant Characters

How often did you watch each of the following shows in the 2018-2019 season? (20 total)

Better Call Saul	The Big Bang Theory
Blindspot	Broad City
Bull	Dear White People
Fresh off the Boat	Jane the Virgin
Madam Secretary	Modern Family
One Day at a Time	Orange Is the New Black
Queen of the South	Ramy
Roswell, New Mexico	Shameless
Superstore	The Bold Type
The Good Place	The Resident

APPENDIX B: SURVEY

Immigration Storylines

Do you recall seeing any of the following immigration-related TV storylines? (13 total)

Note: check all that apply.

<input type="checkbox"/> <i>Roswell, New Mexico</i> (The CW) — Arturo is revealed as undocumented, which impacts his hospital stay and his ability to call the police before he explores citizenship options.	<input type="checkbox"/> <i>Bob Hearts Abishola</i> (CBS) — After coming to America from Nigeria to find a better life for herself and her son Dele, Abishola lives in a small apartment with her super-protective relatives, Auntie Olu and Uncle Tunde.
<input type="checkbox"/> <i>Star</i> (Fox) — Simone's husband is undocumented, so he's moved to Gainesville, a city with temporary sanctuary. Mateo says, "It's up to U.S. cities to push back on ICE to protect low-priority, nonviolent immigrants from deportation." They are hopeful that Atlanta will become a sanctuary city.	<input type="checkbox"/> <i>Designated Survivor</i> (Netflix) — A dying Guatemalan child in a Texas hospital brings immigration to the fore.
<input type="checkbox"/> <i>Broad City</i> (Comedy Central) — Jaime reveals that he became a hoarder when he was applying to become a U.S. citizen.	<input type="checkbox"/> <i>Bull</i> (CBS) — Gabriel is detained by ICE and Bull explores ways to get him out including a green card marriage before they agree to a voluntary deportation so he can apply for political asylum.
<input type="checkbox"/> <i>For the People</i> (ABC) — A seven-year-old boy is separated from his family when his father is detained by ICE.	<input type="checkbox"/> <i>How to Get Away With Murder</i> (ABC) — Annalise defends a Muslim woman who faces deportation after allegedly murdering her wife.
<input type="checkbox"/> <i>Law & Order: SVU</i> (NBC) — Olivia Benson arrests an immigration officer for kidnapping after he separates a young girl from her family and transports her across state lines to an immigrant detention center.	<input type="checkbox"/> <i>The Conners</i> (ABC) — Immigration officers catch Emilio during a random check at the restaurant.
<input type="checkbox"/> <i>Madam Secretary</i> (CBS) — Elizabeth tours an immigrant detention center and goes head to head with a U.S. Governor over the state's new policy of separating unauthorized immigrants from their children.	<input type="checkbox"/> <i>Orange Is the New Black</i> (Netflix) — Inmates from the main prison are brought into the immigrant detention center to feed the detained immigrants.
<input type="checkbox"/> <i>Superstore</i> (NBC) — Mateo is detained by Immigration Authorities (ICE) and taken to a detention center.	

***Bold** indicates key storylines studied.

APPENDIX C: SURVEY ITEMS**(Items Asked of All Participants)****OUTCOME VARIABLES****ATTITUDINAL OUTCOMES**

“What is important to being American?” from the [Democracy Fund’s VOTER survey](#) (9 items)

Realistic Threats scale ([Stephan et al. 1999](#)) (7 items)

Attitudes toward immigration from [PEW](#) (10 items)

Attitudes toward immigration policies from [Gallup](#) (3 items, treated as separate items)

Attitudes toward number of people immigrating to the US (item from [PEW](#))

Comfort meeting an undocumented immigrant (1 Very Uncomfortable to 5 Very Comfortable)

KNOWLEDGE OUTCOMES (BOLD TEXT INDICATES THE CORRECT ANSWER)

Child defendants in the immigration system are provided a lawyer to represent them in immigration court. [*Orange Is the New Black* storyline]

- TRUE
- FALSE**

Who commits more violent crimes in the U.S.?

- Legal US residents
- Undocumented immigrants**

Asylum is a form of:

- Legal immigration**
- Illegal immigration

When some families trying to enter the U.S. illegally at it’s southern border have been caught and detained, U.S. officials have separated parents from their children. [*Madam Secretary* storyline]

- TRUE**
- FALSE

How do most undocumented immigrants enter the United States?

- Illegally cross a physical border
- Enter on valid Visa and then stay after Visa expiration**

BEHAVIORAL OUTCOMES

*Have you taken any of the following actions in reference to U.S. immigration issues in the last year?
(Select all that apply)*

- I sought more information
- I spoke with a friend, co-worker, or family member
- I made a donation in support of a charity or foundation
- I joined a volunteer group
- I contacted a newspaper
- I called in to a radio or TV talk show
- I contacted a public official
- I registered to vote
- I wrote a social media post about immigration
- I wrote a comment on one or more immigration-related social media posts
- I signed a petition
- I attended a rally, protest or march
- I went to a community event to learn more about immigration issues
- Other action (please specify)

EXPOSURE VARIABLES

STORYLINE/CHARACTER EXPOSURE

Do you recall seeing any of the following immigration-related TV storylines? *(Select all that apply)*

See Appendix B for a full list of 13 immigration storylines.

How often did you watch each of the following shows in the 2018-2019 season? *Never, Occasionally (at least one episode), Regularly (more than half of the episodes), Most Episodes, All Episodes*

See Appendix A for a full list of 20 shows featuring recurring/regular immigrant characters.

NEWS EXPOSURE

How much have you heard about each of the following topics in the news in the last six months? *(1 Nothing at all to 5 A Great Deal)*

- DREAMers (DACA) Supreme Court case
- A wall being built on the southern border of the United States
- U.S. reduction in number of allowed asylum and refugee candidates
- Immigration Authorities (ICE) detaining undocumented immigrants
- Children being detained separately from their families at the border
- Children being held in detention centers
- Cities, states and faith centers providing sanctuary

PERSONAL CONTACT WITH IMMIGRANTS

Do you personally know any immigrants? *(Select all that apply)*

- I am an immigrant
- One or more parents are immigrants
- Extended family (grandparents, aunts, uncles, cousins, etc.)
- Close friends
- Acquaintances
- Neighbors
- Community members
- Coworkers
- Employees
- Employers
- None of these

THEORETICAL VARIABLES

Intercultural Sensitivity Scale ([Wang & Zhou, 2016](#)) *(15 item scale)*

Motivations for consuming entertainment ([Oliver & Raney, 2011](#))

- Hedonic *(4 item scale)*
- Eudaimonic *(6 item scale)*

DEMOGRAPHIC VARIABLES

With which gender do you most identify?

- Male
 - Female
 - Non-binary
 - Decline to state
-

Are you Hispanic or Latino/a?

- Yes
 - No
-

Which of the following best represents your race? *(Select all that apply)*

- American Indian or Alaska Native
 - Asian
 - Black or African American
 - Native Hawaiian or Other Pacific Islander
 - Middle Eastern
 - White
 - Other (please specify)
 - Decline to state
-

What is the highest level of school you have completed or the highest degree you have received?

- Less than a high school degree
 - High school graduate (high school diploma or equivalent including GED)
 - Some college but no degree
 - Associate's degree in college (2-year)
 - Bachelor's degree in college (4-year)
 - Master's degree
 - Doctoral degree/Professional degree (JD, MD, PhD)
 - Other (please specify)
 - Decline to state
-

Do you have a passport?

- Yes, and it is valid
 - Yes, but it is expired
 - No
 - Not sure/decline to state
-

How likely are you to vote in the upcoming 2020 presidential election?

- Not likely
 - Somewhat likely
 - Very likely
 - Not sure/decline to state
-

APPENDIX D: SURVEY ITEMS**(Items Asked of Exposed Participants Only)****STORYLINE RECALL QUESTIONS (BOLDED ANSWERS ARE CORRECT)**

In the *Madam Secretary* Family Separation episode, where does Elizabeth McCord renew her wedding vows?

- Church
- Jail**
- White House
- Park

In the *Madam Secretary* Family Separation episode, the immigration detention center is located in California.

- True
- False**

In Season 7 of *Orange Is the New Black*, where does Piper end up working after she is released from prison?

- In her father's office**
- In a factory
- In a temp agency
- In a call center

In Season 7 of *Orange Is the New Black*, inmates from the main prison are brought into the immigrant detention center to feed the detained immigrants.

- True**
- False

In the *Superstore* Employee Appreciation Day episode, what video does Amy show the staff?

- Sexual harassment video
- New vacation policy video
- Anti-union video**
- Health insurance video

When immigration authorities enter the store in the *Superstore* episode, the store employees try to hide Mateo.

- True**
- False

IMMIGRATION-RELATED BEHAVIORS

Did you take any of the following actions as a result of watching the [show] storyline?

I sought more information about:

- Immigration detention centers or asylum seekers (*Madam Secretary* viewers)
- Immigration detention centers and/or immigration courts (*Orange* viewers)
- The immigration enforcement system (*Superstore* viewers)

I spoke with a friend, co-worker, or family member about:

- Immigration detention centers or asylum seekers (*Madam Secretary* viewers)
- Immigration detention centers and/or immigration courts (*Orange* viewers)
- The immigration enforcement system (*Superstore* viewers)

I made a donation in support of an immigration or asylum related charity

I wrote a social media post about the topics in the storyline

Other action (please specify)

RESPONSES TO STORYLINE

Did you feel any of the following while watching this storyline? (*Select all that apply*)

- Angry
- Hopeful
- Disgusted
- Empathetic
- Sad
- Afraid
- Surprised
- Happy

Psychological reactance ([Brehm, 1966](#)) (*4 item scale*)

Transportation ([Green & Brock, 2000](#)) (*11 item scale*)

Parasocial interaction with Mateo ([Rubin & McHugh, 1987](#)) (*8 item scale, Superstore storyline viewers only*)

APPENDIX E: CONTENT ANALYSIS**List of Shows and Episodes**

TV SHOW	NETWORK	EPISODE TITLE	EPISODE TYPE
<i>American Princess</i>	Lifetime	The Tempest	Storyline
<i>American Vandal</i>	Netflix	The Dump	Character
<i>Better Call Saul</i>	AMC	Breathe	Character
		Something Beautiful	Character
<i>The Big Bang Theory</i>	CBS	The Conjugal Configuration	Character
<i>Blindspot</i>	NBC	Check Your Ed	Character
		Coder to Killer	Character
		The One Where Jane	Character
<i>Blue Bloods</i>	CBS	Identity	Storyline
<i>The Bold Type</i>	Freeform	Final Push	Storyline
		The Deep End	Storyline
		We'll Always Have Paris	Storyline
<i>Broad City</i>	Comedy Central	Make the Space	Character
<i>Bull</i>	CBS	Separation	Storyline
<i>The Conners</i>	ABC	We Continue to Truck	Storyline
<i>The Good Place</i>	NBC	Everything Is Bonzer	Character
<i>Crazy Ex-Girlfriend</i>	The CW	I'm in Love	Character
<i>Dear White People</i>	Netflix	Volume 2: Chapter I	Character
<i>Designated Survivor</i>	Netflix	#identity/crisis	Storyline
		#whocares	Storyline
<i>Dynasty</i>	The CW	Life Is a Masquerade Party	Storyline
<i>Family Guy</i>	Fox	Hefty Shades of Gray	Storyline
		Trump Guy	Storyline

TV SHOW	NETWORK	EPISODE TITLE	EPISODE TYPE
<i>FBI</i>	CBS	Family Man	Storyline
		Most Wanted	Storyline
<i>Florida Girls</i>	Pop	Pilot	Storyline
<i>For the People</i>	ABC	This Is America	Storyline
<i>Fresh off the Boat</i>	ABC	No Apology Necessary	Character
<i>The Good Fight</i>	CBS All Access	The One About the End of the World	Storyline
<i>Good Trouble</i>	Freeform	Torn	Storyline
<i>Grey's Anatomy</i>	ABC	What I Did for Love	Character
<i>How to Get Away With Murder</i>	ABC	Don't Go Dark on Me	Storyline
		Whose Blood Is That?	Storyline
		Your Funeral	Storyline
<i>The InBetween</i>	NBC	Another Broken Morning	Storyline
<i>Into the Dark</i>	Hulu	Culture Shock	Storyline
<i>It's Bruno!</i>	Netflix	Welcome Bruno	Character
<i>Jane the Virgin</i>	The CW	Chapter Eighty-Five	Character
		Chapter Ninety-Four	Character
<i>Jessica Jones</i>	Netflix	AKA Hellcat	Storyline
<i>Law & Order: SVU</i>	NBC	Zero Tolerance	Storyline
<i>Madam Secretary</i>	CBS	Baby Steps	Storyline
		Family Separation: Part 1	Storyline
		Family Separation: Part 2	Storyline
<i>Modern Family</i>	ABC	The Wild	Character
		Torn Between Two Lovers	Character
<i>Mr. Iglesias</i>	Netflix	Full Hearts, Clear Backpacks	Storyline

TV SHOW	NETWORK	EPISODE TITLE	EPISODE TYPE
<i>NCIS: Los Angeles</i>	CBS	Better Angels	Storyline
		Choke Point	Storyline
		The Sound of Silence	Storyline
<i>New Amsterdam</i>	NBC	Domino Effect	Storyline
<i>On My Block</i>	Netflix	Chapter Sixteen	Character
<i>One Day at a Time</i>	Netflix	Drinking and Driving	Character
<i>Orange Is the New Black</i>	Netflix	And Brown Is the New Orange	Storyline
		God Bless America	Storyline
		Here's Where We Get Off	Storyline
		How to Do Life	Storyline
		Just Desserts	Storyline
		Me as Well	Storyline
<i>Quantico</i>	ABC	Who Are You?	Storyline
<i>Queen of the South</i>	USA	Justicia	Character
<i>Ramy</i>	Hulu	Do the Ramadan	Storyline
		Ne Me Quitte Pas	Storyline
		Refugees	Storyline
		Saving Mikaela	Storyline
		Strawberries	Storyline
<i>The Resident</i>	Fox	The Dance	Character
<i>Roswell, New Mexico</i>	The CW	Pilot	Storyline
		So Much for the Afterglow	Storyline
<i>Shameless</i>	Showtime	B00000000000000000000ONE!	Storyline
		The Apple Doesn't Fall Far From the Alibi	Storyline
		Weirdo Gallagher Vortex	Storyline

TV SHOW	NETWORK	EPISODE TITLE	EPISODE TYPE
<i>Shrill</i>	Hulu	Article	Storyline
<i>The Simpsons</i>	Fox	I'm Just a Girl Who Can't Say D'oh	Character
<i>Star</i>	Fox	Someday We'll All Be Free	Storyline
		Square One	Storyline
		Toxic	Storyline
		Watch the Throne	Storyline
		When Stars Fall	Storyline
		Zion	Storyline
<i>Superstore</i>	NBC	Cloud 9 Academy	Storyline
		Employee Appreciation Day	Storyline
		Managers' Conference	Storyline
<i>S.W.A.T.</i>	CBS	Invisible	Storyline
		Kangaroo	Storyline
<i>Sweetbitter</i>	Starz	Weird Night	Storyline
<i>Teachers</i>	TV Land	Wake and Blake	Storyline
<i>The Twilight Zone</i>	CBS All Access	Point of Origin	Storyline
<i>The Village</i>	NBC	Good Thing	Character
<i>Veep</i>	HBO	Oslo	Character
<i>Vida</i>	Starz	Episode 2.9	Storyline
<i>Warrior</i>	Cinemax	Chewed Up, Spit Out, and Stepped On	Character
		The Itchy Onion	Character
<i>What/If</i>	Netflix	What History	Storyline
<i>What We Do in the Shadows</i>	FX	Citizenship	Character
<i>Younger</i>	TV Land	Big Day	Storyline

APPENDIX F: CONTENT ANALYSIS**Codebook****EPISODE LEVEL**

The following variables were coded for each of the 97 episodes:

- Show title
- Episode title
- Air date
- IMDb link
- Total credited characters (per IMDb)
- Original network
- Primary city/town
- Primary state
- Primary setting
- Scene locations pertaining to immigration (open-ended)
- Subtitles present
- Narratives of inclusion or exclusion
- Narratives of abundance or scarcity
- Number of immigrant characters selected
- Immigration issues (presence and prominence)

CHARACTER LEVEL

The following variables were coded for each of the identified immigrant characters (184 total characters across all episodes, 129 unique characters):

- Number of episodes in which character appears
- Source of immigrant identification
- Number of lines
- Race
- Age
- Gender
- Is character LGBTQ
- Country of origin
- How do you know country of origin
- Immigration status
- Accent present
- Language other than English spoken
- Religion known
- Education
- Disability present
- Drug depiction*
- Employment status
- Initial and final portrayal*
- Crime involvement*
- Incarceration*
- Involvement with immigration system*

Asterisked variables may change from episode to episode; these variables were analyzed for all coded characters (N = 184, including the same character across multiple episodes).

APPENDIX G: CONTENT ANALYSIS**Reliability**

Interrater reliability (Cohen's Kappa) values are shown in the tables below. A Kappa value above .60 is considered acceptable. Because of the low base rates on many of the coded variables (very few YES responses), reliability values are reduced to extremely low levels even when the percent agreement between the coders is high. This is because they are largely agreeing on the absence of the characteristic in question. Variables with unacceptable (less than .20) reliability are highlighted in orange and those with borderline reliability (.21-.60) are highlighted in yellow. Items with unacceptable reliability were either not reported on or were re-examined on an individual basis to verify the accuracy of what was reported on.

- Less than 0: no agreement
- 0.01-0.20: none to slight agreement
- 0.21-0.40: fair agreement
- 0.41-0.60: moderate agreement
- 0.61-0.80: substantial agreement
- 0.81-1.00: almost perfect agreement

EPISODE LEVEL (N=25 PAIRS)

ITEM	COHEN'S KAPPA	% AGREEMENT
TV show	1.00	1.00
Total credited characters	.87	---
Total immigrant characters	1.00	1.00
Network (2 discrepancies)	.86	.92
Primary state	.95	---
Primary setting (2 discrepancies)	.46	.92
Subtitles present (4 discrepancies)	.66	.84
PRESENCE OF IMMIGRATION THEMES ¹		
Inclusion/Exclusion — does not apply vs. any (4 discrepancies)	.65	.84
Inclusion/Exclusion — inclusion selected (7 discrepancies)	.43	.72

Inclusion/Exclusion — exclusion selected (5 discrepancies)	.59	.80
Abundance/Scarcity — does not apply/any (3 discrepancies)	.69	.88
Abundance/Scarcity — abundance selected (3 discrepancies)	.50	.88
Abundance/Scarcity — scarcity selected (1 discrepancy)	.78	.96
PRESENCE OF IMMIGRATION ISSUES (YES/NO)²		
Alien	1.00	1.00
Asylum/Asylee or Refugee	1.00	1.00
Border Wall / Build the Wall (1 discrepancy)	.65	.96
Chain Migration	1.00	1.00
Child Detention (Family Separation) (1 discrepancy)	.65	.96
Customs/Border Patrol (1 discrepancy)	.65	.96
Deferred Action (DACA)/DREAMer	1.00	1.00
Deportation (3 discrepancies)	.75	.88
Detention Center - adults (1 discrepancy)	.88	.96
Go back to... (5 discrepancies)	-.07	.80
ICE (1 discrepancy)	.91	.96
Illegal (3 discrepancies)	.69	.88
Make America Great Again/MAGA (1 discrepancy)	.65	.96
Migrant/Migrant Worker (1 discrepancy)	.00	.96
Sanctuary City	1.00	1.00
Undocumented (3 discrepancies)	.69	.88
Visa or Green Card (3 discrepancies)	.60	.88

¹ We only reported qualitative findings on immigration themes.

² We did not report findings for “Go back to...” or “Migrant.”

CHARACTER LEVEL (N = 41 CHARACTER PAIRS)

ITEM	COHEN'S KAPPA	% AGREEMENT
Number of episodes in which character appears	.94	---
Number of lines (4 discrepancies)	.80	.90
Source of immigrant identification (5 discrepancies)	.75	.88
CHARACTER DEMOGRAPHICS		
Race	1.00	1.00
Age	1.00	1.00
Gender	1.00	1.00
Is character LGBTQ (2 discrepancies)	.64	.95
How do you know country of origin (2 discrepancies; 26 missing)	.42	.87
Immigration status (4 discrepancies)	.86	.98
Religion known (1 discrepancy)	.94	.98
Education (3 discrepancies)	.79	.93
Disability	1.00	1.00
Employment status (6 discrepancies, 3 missing)	.76	.84
CULTURE AND LANGUAGE		
Accent (3 discrepancies; 1 missing)	.81	.89
Language other than English (5 discrepancies)	.75	.88
INITIAL AND FINAL PORTRAYAL³		
Initial portrayal (4 discrepancies but all agreement is on default category)	-.04	.90
Final portrayal (3 discrepancies but virtually all agreement is on default category)	.30	.93

³ We did not report findings for initial or final portrayal.

DRUG INVOLVEMENT		
Drug depiction (1 discrepancy)	.84	.98
CRIME INVOLVEMENT (CHECK ALL THAT APPLY)⁴		
Committed crime (4 discrepancies)	.45	.90
Victim of crime (2 discrepancies)	.64	.95
Associated with crime (2 discrepancies)	.48	.95
Violent crime (6 discrepancies)	.42	.85
Non-violent crime (4 discrepancies but all agreement is on absence)	-.04	.90
Unknown (3 discrepancies but all agreement is on absence)	-.03	.93
INCARCERATION (CHECK ALL THAT APPLY)⁵		
Currently incarcerated (6 discrepancies)	.17	.85
Reference to previous incarceration (2 discrepancies but all agreement is on absence)	-.03	.95
Reference to future incarceration	1.00	1.00
INVOLVEMENT WITH IMMIGRATION SYSTEM (CHECK ALL THAT APPLY)⁶		
Arrested by ICE/immigration raid (2 discrepancies)	.77	.95
Held in detention facility (2 discrepancies)	.86	.95
Immigration court (deportation or asylum) (4 discrepancies)	.29	.90
Applications for visa, DACA, etc. (3 discrepancies)	.38	.93
Captured/detained by CBP (1 discrepancy but all agreement on absence)	.00	.95
Other interaction with immigration system (6 discrepancies, all agreement on absence)	-.08	.85

⁴ We did not report findings for individual type of crime (violent or non-violent).

⁵ Low reliability on incarceration was largely due to erroneous inclusion of immigration-related detention. A third coder re-examined all instances coded for incarceration to ensure the accuracy of what was included in the report.

⁶ For "involvement with immigration system," a third coder re-examined all instances to ensure the accuracy of what was included in the report.

