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Diverse populations in St. Louis: Non-English speaking

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Diverse populations in St. Louis non-English speaking

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Medicine

Recruitment of Diverse Populations

- ◆ Under-representation of Ethnic Minorities and Non-English speaking individuals in Health Services Research
- ◆ Why?
 - Past instances of medical abuses in Europe and North America
- ◆ Results in discrimination and injustice towards minorities

Popular Reasons for Exclusion


- ◆ Difficulties in Recruitment
- ◆ Difficulties in obtaining informed consent
- ◆ Financial constraints
- ◆ Instruments that need to be translated and validated
- ◆ Deliberate exclusion to ensure similarity of research subjects
- ◆ Not even a consideration

Consequences of Exclusion from Research

- ◆ Generalizability
- ◆ Are treatments really effective?
- ◆ Minority groups are prevented from benefiting from cutting edge treatments

Harrison, 1994; Cotton, 1990; Kaluzny et al., 1993; Roberson, 1994

Outline of Presentation

- ◆ Relevance of study
 - ◆ Feasibility of study
 - ◆ Available Resources
 - ◆ Recruitment
 - ◆ Challenges to Participation
- 

Relevance of Study

The Latino Community: A Research Study

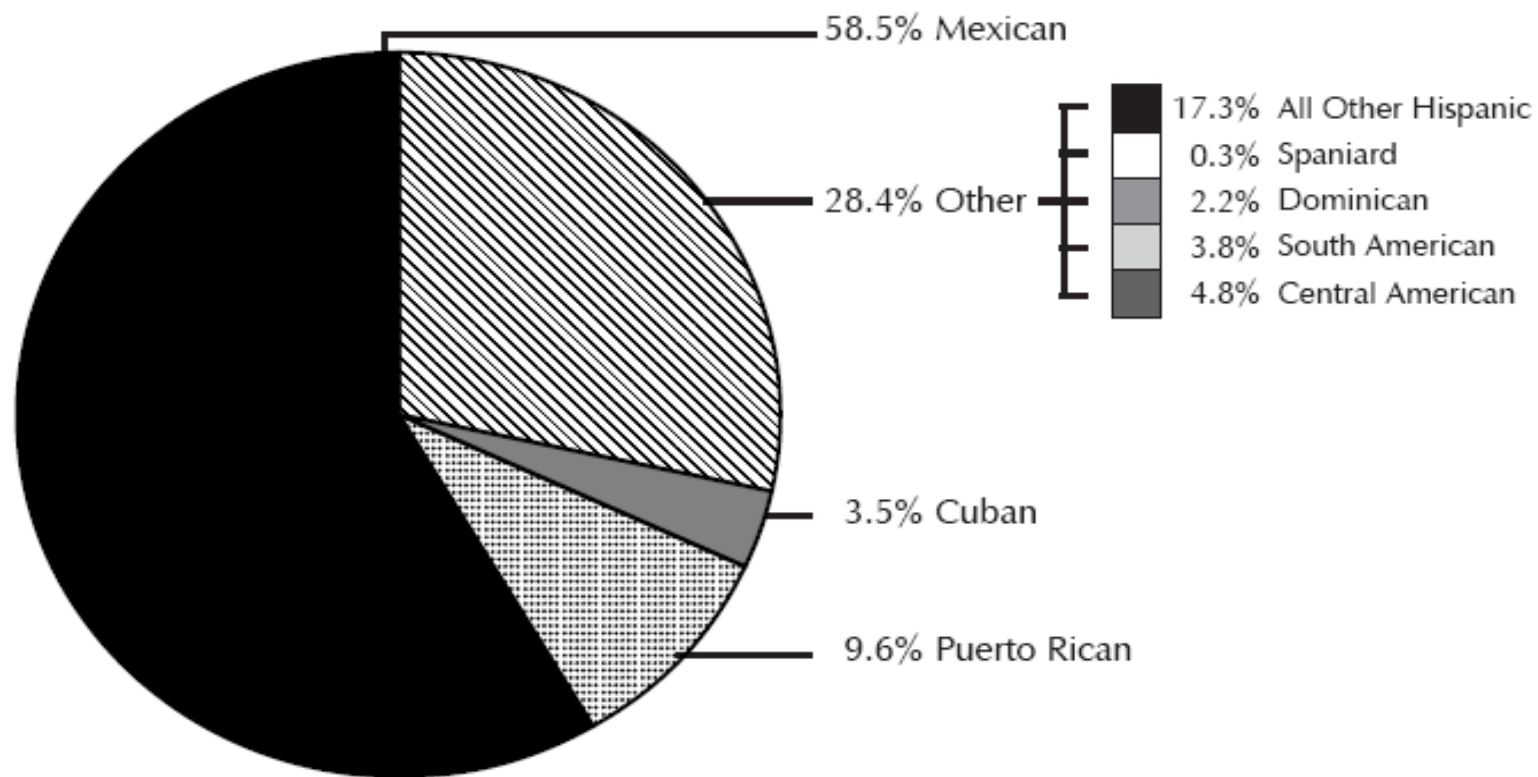
Population by Race and Hispanic Origin for the United States: 2000

Race and Hispanic or Latino	Number	Percent of total population
RACE		
Total population	281,421,906	100.0
One race	274,595,678	97.6
White	211,460,626	75.1
Black or African American	34,658,190	12.3
American Indian and Alaska Native	2,475,956	0.9
Asian.....	10,242,998	3.6
Native Hawaiian and Other Pacific Islander	398,835	0.1
Some other race.....	15,359,073	5.5
Two or more races.....	6,826,228	2.4
HISPANIC OR LATINO		
Total population	281,421,906	100.0
Hispanic or Latino	35,305,818	12.5
Not Hispanic or Latino.....	246,116,088	87.5

Source: U.S. Census Bureau, Census 2000 Redistricting (Public Law 94-171) Summary File, Tables PL1 and PL2.

Figure 6-1

Percent Distribution of Hispanic American Population by Subgroup: 2000



Source: U.S. Census Bureau (2001b)



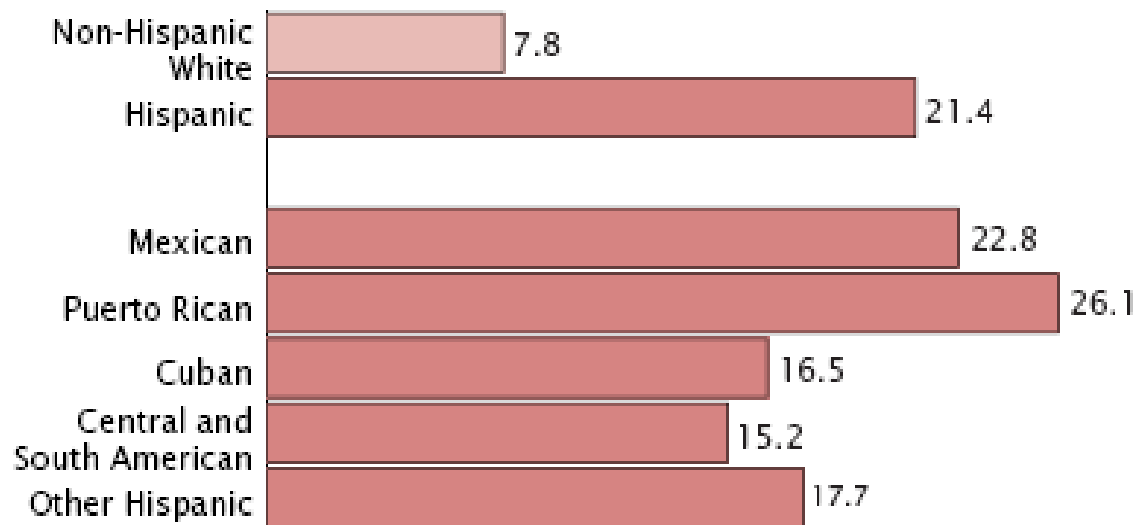


Poverty Level

Figure 10.

People Living Below the Poverty Level by Detailed Hispanic Origin: 2001

(In percent)



Source: U.S. Census Bureau, Annual Demographic Supplement to the March 2002 Current Population Survey.










Background of Study

- ◆ Movement into a new country is a stressful experience
- ◆ Living among different social networks
- ◆ Living in some level of isolation.
- ◆ Collectivism and close affiliation with family and peers.
- ◆ Ineffective social support
 - Feelings of loneliness
 - Emotional distress
- ◆ At risk for developing psychological disturbances

Purpose of the Study

- ◆ Define the social challenges associated with Latino immigration
 - ◆ Explore the impact that social challenges have on health behaviors, health outcomes, and emotional wellbeing.
 - ◆ “Mi vida es mejor aquí”
- 

Relevance of Study

- ◆ Sample:
 - Non English Speaking Latino Immigrants residing in St. Louis area
- ◆ Population is under-researched
- ◆ Conduct a study in a section of the country that had not been a traditional setting point for Hispanics

Feasibility of Study

Demographics of Targeted
Population within the
Targeted area

Missouri

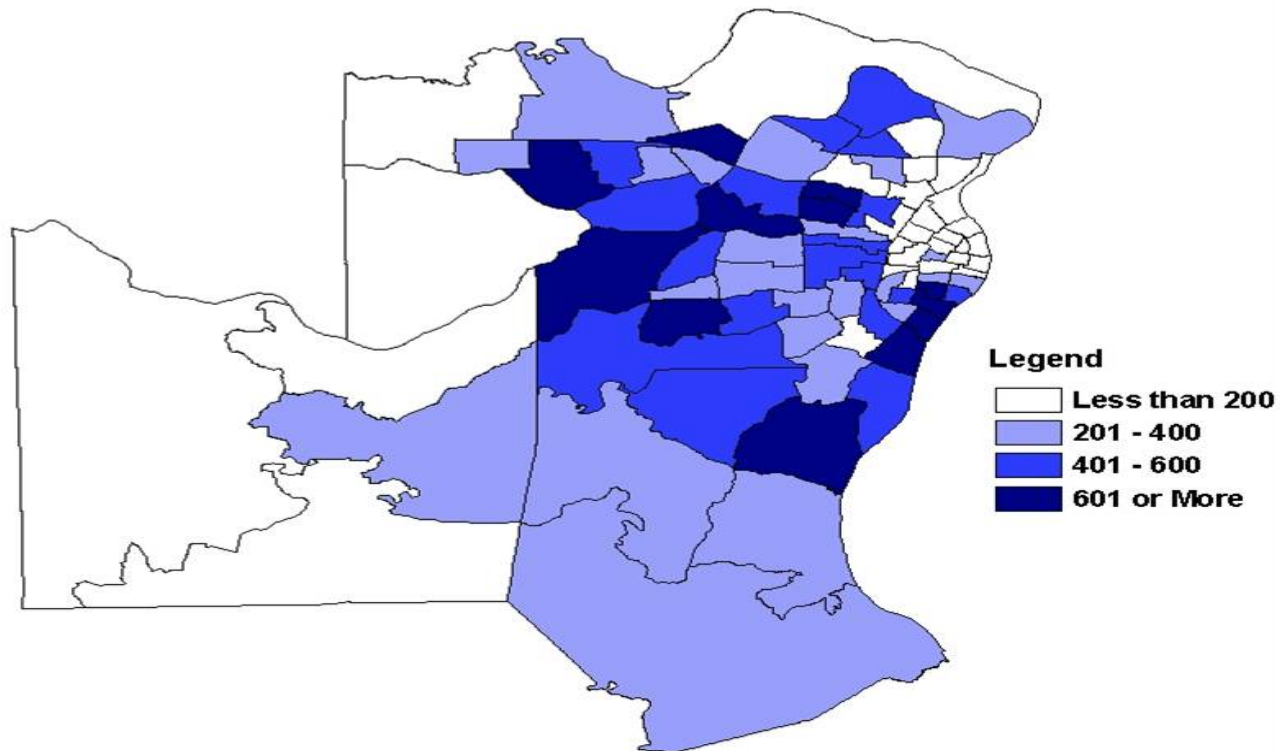
- ◆ Growth of Missouri's Latino population
 - Grew by **92.2%**
 - 61,698 in 1990
 - 118,592 in 2000.
- ◆ Missouri's total population grew by **9.3%**
 - over 5.1 million in 1990
 - Slightly under 5.6 million in 2000.

St. Louis Metropolitan Area: Hispanic Population

Hispanic 1990	Hispanic 2000	Hispanic 2010	Hispanic 2020	% Change 1990- 2000	% Change 2000- 2010	% Change 2010- 2020
26,588	39,677	57,587	76,636	49%	45%	33%

US Census (1990, 2000) and Woods & Poole Inc. (2010, 2020)

Total Hispanic Population by Census Tract Neighborhood Areas, 2000



Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF 1]
Prepared by: Office of Social and Economic Data Analysis (OSED)A
Map Generated on 03.8.2004

Availability of Resources



Survey Instruments

- ◆ Available instruments already translated and validated
 - Hispanic Stress Inventory
 - Emotional Distress Scale
- ◆ Other instruments of interest not yet translated

Form 2 Informed Consent for Participation in Research Activities

Approved Foreign Language Short Consent Forms

- ◆ Non-English Template
- ◆ Arabic
- ◆ Bosnian
- ◆ Cyrillic (Russian)
- ◆ Kurdish
- ◆ Spanish (Latin American)
- ◆ Vietnamese

<http://medicine.wustl.edu/%7Ehsc/forms/>

Need for Resources

- ◆ Translate Instruments
- ◆ Back Translation
- ◆ Certified Translator

Certified Translator

Refugee Health and Interpreter Services
Barnes-Jewish Hospital/ BJC Health System
4905 Forest Park Parkway
St. Louis, Missouri 63110
Phone (314) 747-5683 and Fax (314) 747-
5778

Contact person: Barbara Bogomolov, RN,
BSN, MS

bogo@inlink.com

Challenges to Recruitment

Where to recruit from?

A stylized silhouette of a mountain range in a darker teal color, located at the bottom right of the slide.

Use of church sample

- ◆ Catholic parishes may be a source of support
 - May distribute clothing and food
 - May have a referral program
 - May offer help with immigration
- ◆ Mistrust of government agencies

◆ "Red Latina"

- a bimonthly Spanish newspaper.
- Distributed free in Mexican restaurants and businesses.
- For more information contact 314-603-0960 or 314-457-1942.
- Or email at redlatinastl@hotmail.com.



St. Cecilia Parish - St. Louis

5418 Louisiana Avenue
St. Louis, MO 63111

(314) 351-1318



Holy Trinity Parish - St. Ann

3500 St. Luke Lane
St. Ann, MO 63074

314.733.1463



Our Lady of Guadalupe Parish - Ferguson


1115 S. Florissant Rd.
St. Louis, MO 63121

(314) 522-9264

Challenges to Participation

The background is a solid teal color. At the bottom of the image, there is a silhouette of a mountain range in a darker shade of teal.

Challenges to Participation

- ◆ Literacy issues
 - ◆ Familiarity with surveys
 - ◆ Willingness of participants
 - ◆ Protection of participants
- 
- A decorative graphic at the bottom of the slide consisting of a dark teal silhouette of a mountain range against a lighter teal background.

Recruited Participants

- ◆ Latino Immigrants (n=143)
- ◆ Gender: 54% Female
- ◆ Length of time in U.S.
 - Mean = 9.2 (SD = 7.5)
- ◆ Age: 18-70 years of age
 - Mean = 37 (SD = 10)
- ◆ Total years of education
 - Mean = 10.95 (SD = 4.77)

	Concerned with Deportation (N = 56)	Unconcerned with Deportation (N = 87)
	Mean (SD)	Mean (SD)
Age *	35.16 years (7.87)	38.63 years (11.65)
Gender	41% male	48% male
Education	10.71 years (4.03)	11.28 years (5.20)
U.S. residency *	7.48 years (5.41)	10.16 years (8.39)
Married	64%	66%

* $p < .05$.

Measures

- ◆ Concern about Deportation
 - *"I have thought that if I went to a social or government agency I would be deported."*
- ◆ Subjective Health Status
 - What is your own assessment of your present state of health?
 - Response choices included good, reasonably good, average, rather poor, and poor.

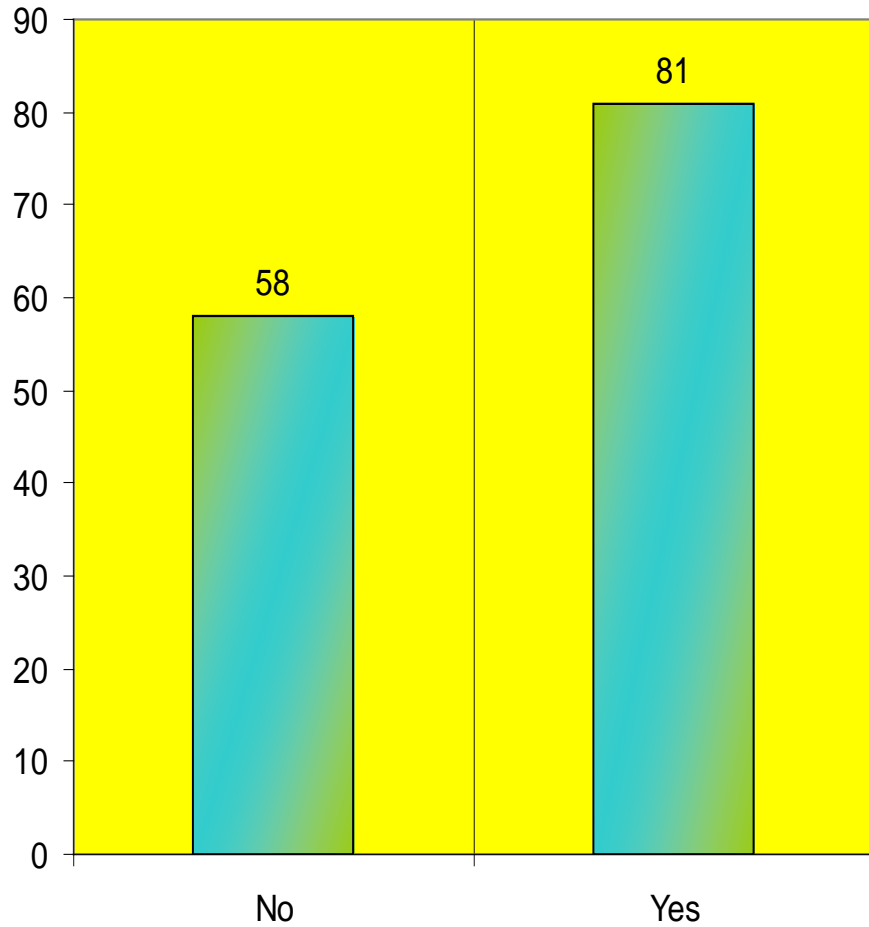
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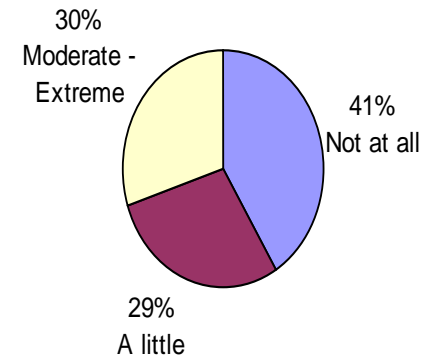
Abbreviated Hispanic Stress Inventory – Immigrant Version

- ◆ Assesses culturally relevant psychosocial stress
- ◆ Extra-familial stress
 - Immigration and Economic/Occupational subscales
- ◆ Intra-familial stress
 - Parental, Familial, and Marital subscales
- ◆ Has the stressor occurred in the last 3 months?
 - If so, rate the degree of stressfulness on a 5-point Likert type scale.
 - ◆ *Not at all stressful (1) to extremely stressful (5).*

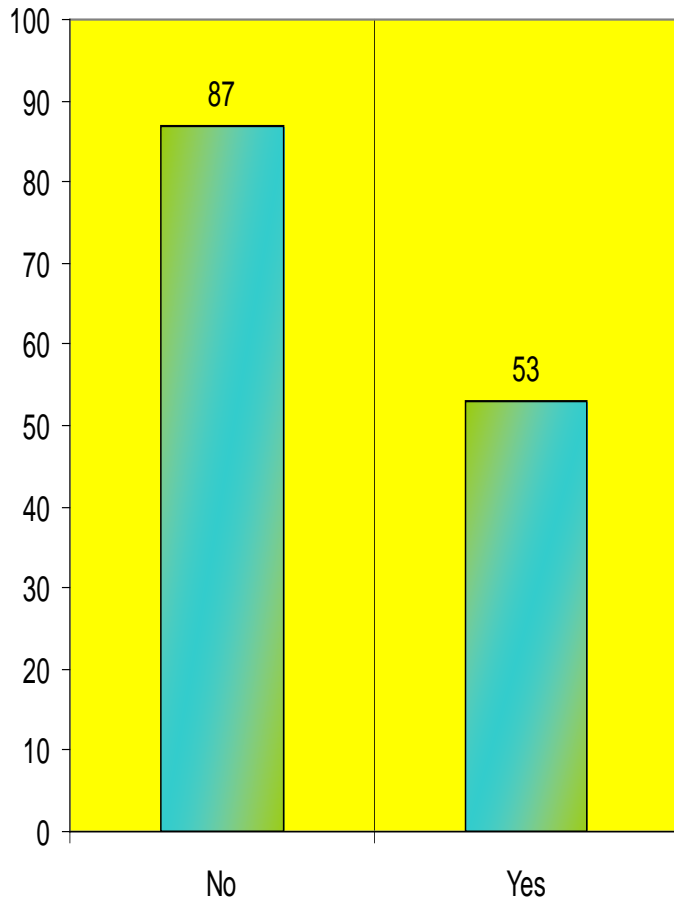
Because I don't know enough English, it has been difficult to interact with others.



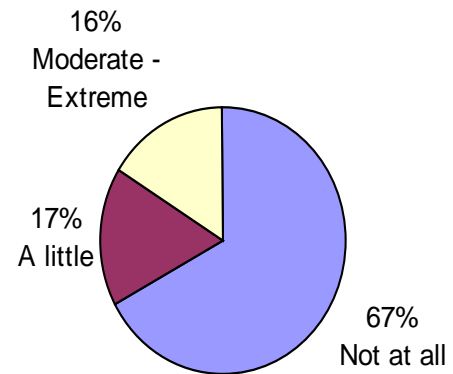
Indicate how worried or tense the situation made you feel



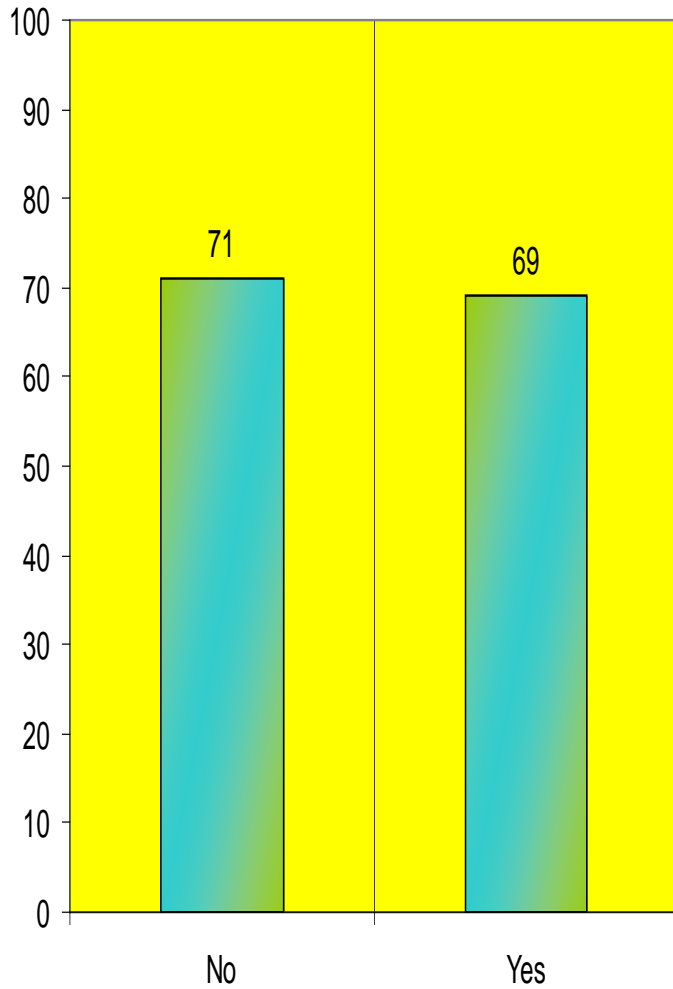
Because of my poor English, people have treated me badly.



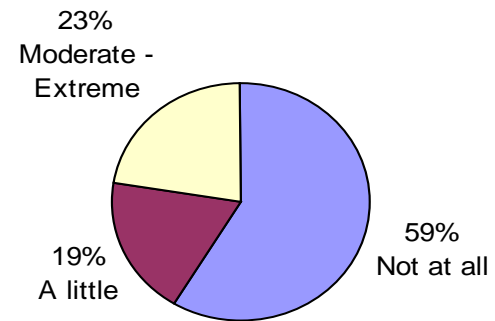
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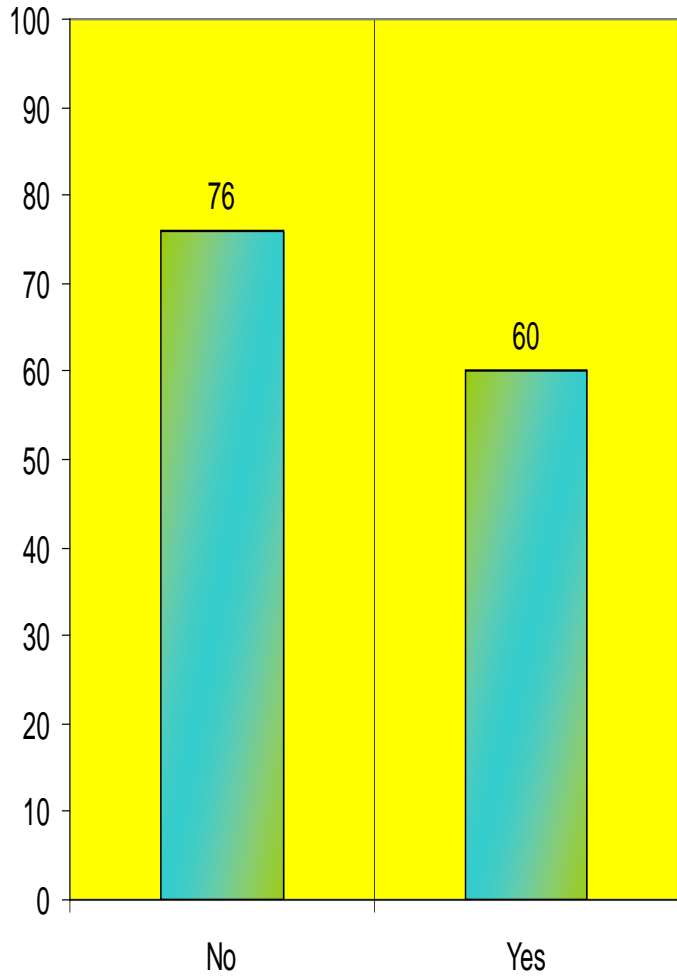
Because I am Latino, I have been expected to work harder.



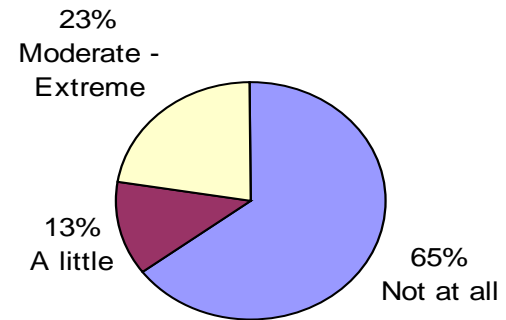
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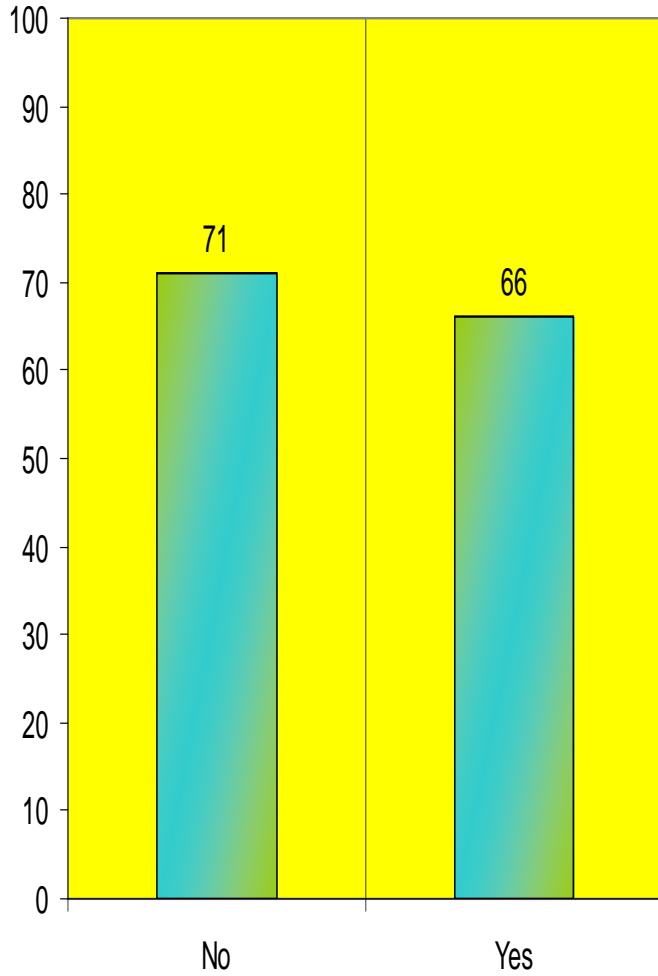
My income has not been sufficient to support my family or myself.



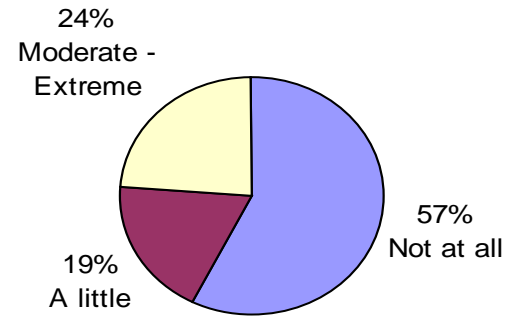
Indicate how worried or tense the situation made you feel



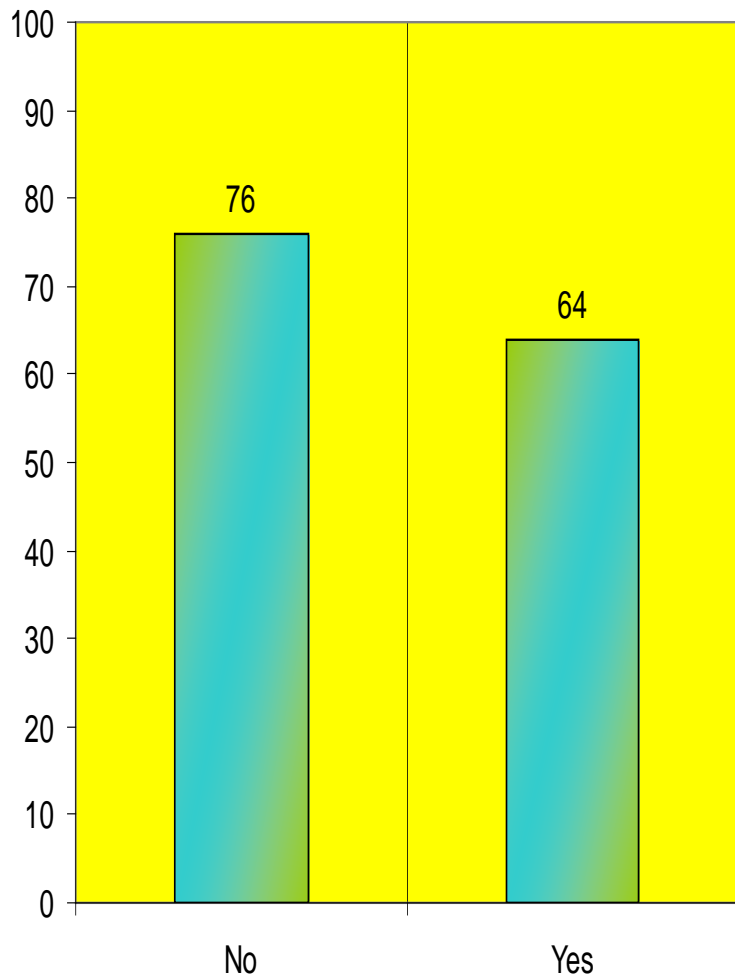
Because I am Latino, I have had difficulty finding the type of work that I want.



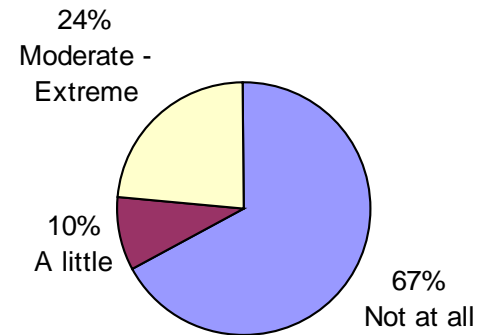
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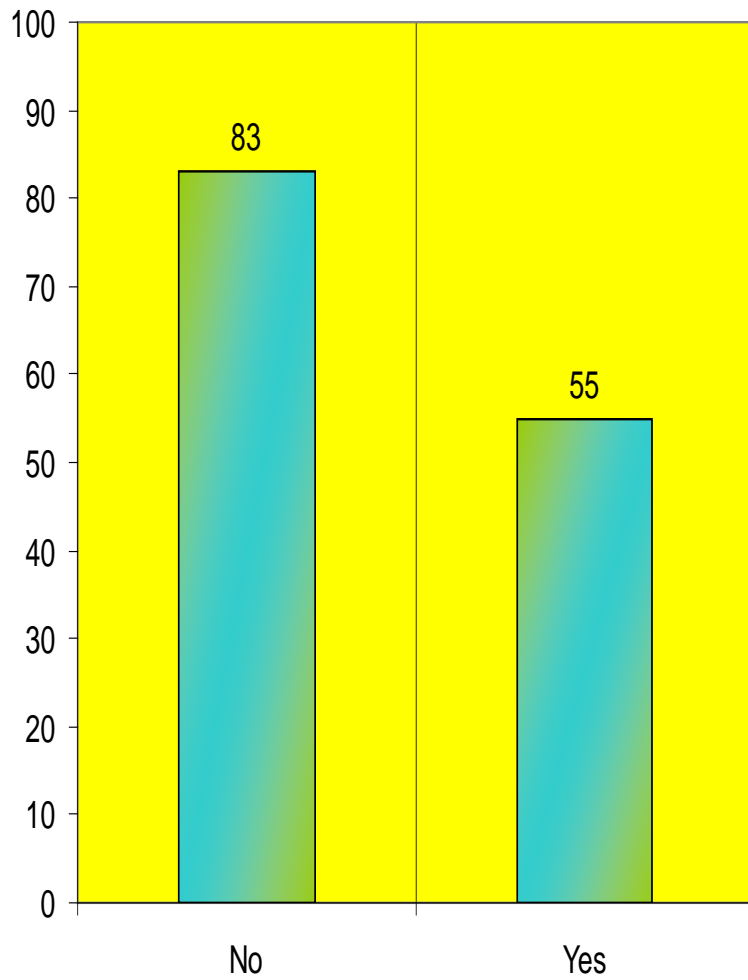
I have had to watch the quality of my work so others don't think I am lazy.



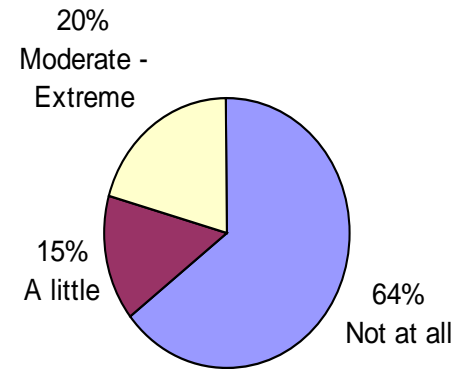
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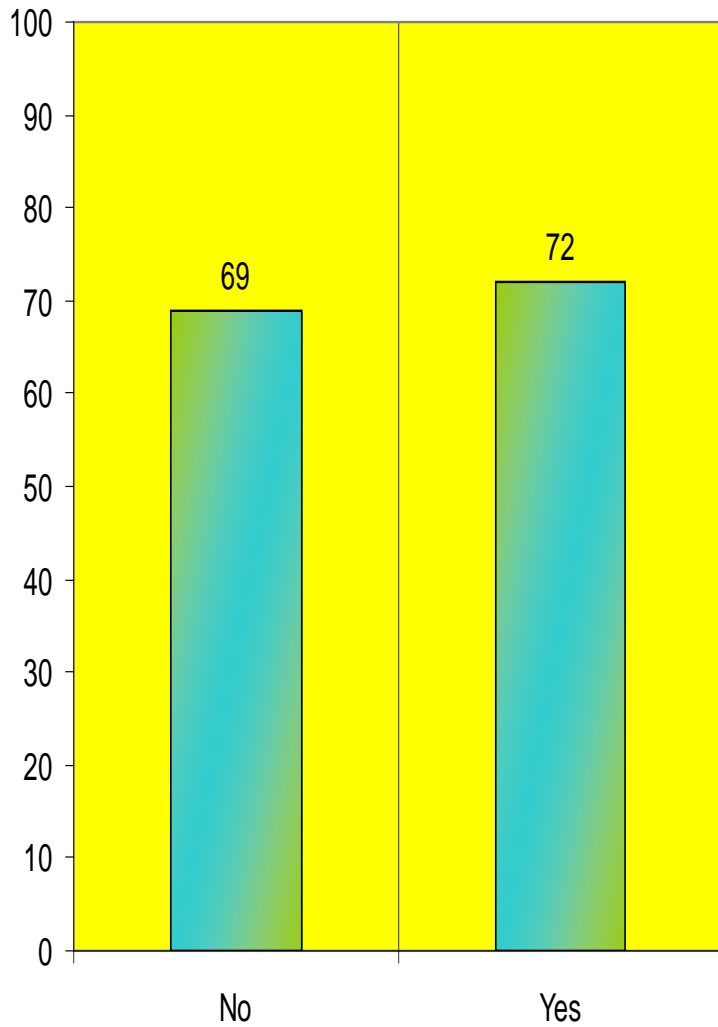
Because I am Latino, it is has been hard to get promotions or salary raises.



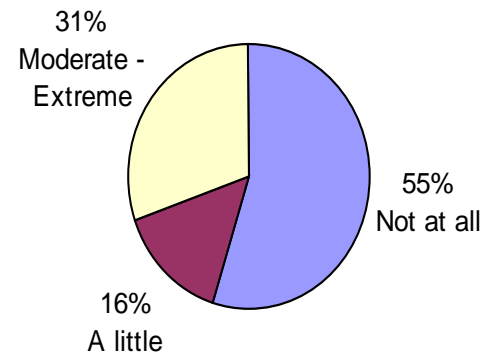
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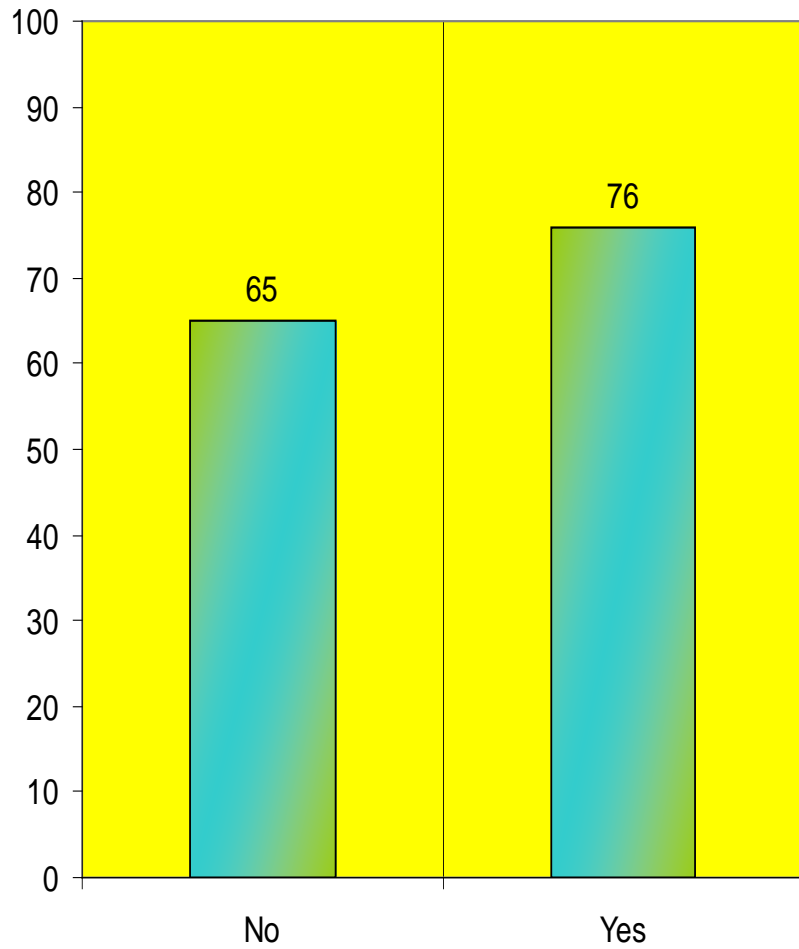
I have been forced to accept low paying jobs.



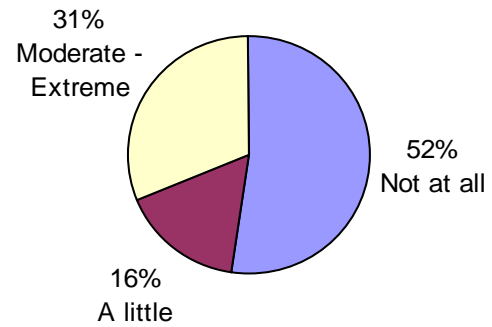
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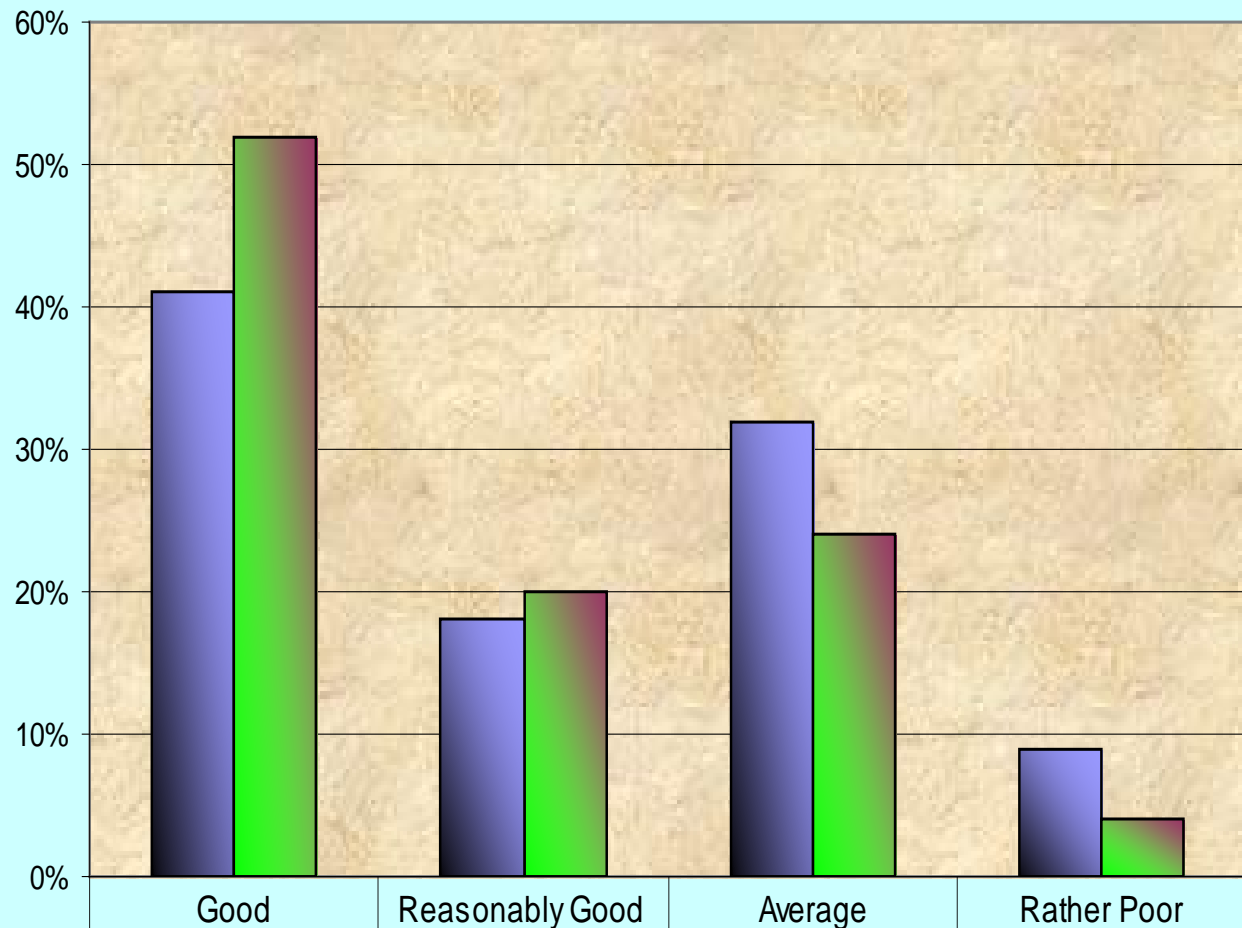
I have felt pressured to learn English.



Indicate how worried or tense the situation made you feel



What is your own assessment of your present state of health?



■ Concerned with Deportation
■ Unconcerned with Deportation

41%

18%

32%

9%

52%

20%

24%

4%

Any Questions....



- ◆ Washington University offers a *"Beginning Spanish for Health Care Professionals"*
- ◆ This three credit course teaches basic Spanish to health care professionals to help them communicate more effectively with their Spanish-speaking patients.
- ◆ www.ucollege.wustl.edu under "Spanish", or call 314-935-6700.