Table 1. Top 100 Metro Areas in Established, New/Emerging, and Pre-Emerging Gateways

Established		
Bakersfield, CA	Honolulu, HI	Providence-New Bedford, RI-MA*
Boston-Cambridge-Quincy, MA-NH	Houston-Sugar Land-Baytown, TX	Riverside-San Bernardino-Ontario, CA
Bridgeport-Stamford-Norwalk, CT	Los Angeles-Long Beach, CA*	Rochester, NY
Buffalo-Niagara Falls, NY	McAllen-Edinburg-Mission, TX	San Antonio, TX
Chicago-Naperville-Joliet, IL-IN-WI	Miami-Fort Lauderdale, FL*	San Diego-Carlsbad-San Marcos, CA
Cleveland-Elyria-Mentor, OH	Milwaukee-Waukesha-West Allis, WI	San Francisco-Oakland-Fremont, CA
Dallas-Fort Worth-Arlington, TX	Modesto, CA	St. Louis, MO-IL
Detroit-Warren-Livonia, MI	New Haven-Milford, CT	Stockton, CA
El Paso, TX	New York, NY-NJ-PA*	Tucson, AZ
Fresno, CA	Oxnard-Thousand Oaks-Ventura, CA	Washington, DC-VA-MD-WV*
Hartford-West Hartford, CT*	Pittsburgh, PA	Worcester, MA

New/Emerging		
Atlanta-Sandy Springs-Marietta, GA	Lakeland-Winter Haven, FL	Portland-Vancouver, OR-WA*
Austin-Round Rock, TX	Las Vegas-Paradise, NV	Raleigh-Cary, NC
Baltimore-Towson, MD	Minneapolis-St. Paul, MN-WI*	Sacramento--Arden-Arcade, CA*
Cape Coral-Fort Myers, FL	Nashville-Davidson, TN*	Salt Lake City, UT
Charlotte-Gastonia-Concord, NC-SC	Orlando-Kissimmee, FL	San Jose-Sunnyvale-Santa Clara, CA
Columbus, OH	Philadelphia-Camden, PA-NJ-DE-MD*	Seattle-Tacoma-Bellevue, WA
Denver-Aurora, CO	Phoenix-Mesa-Scottsdale, AZ	Tampa-St. Petersburg-Clearwater, FL
Greensboro-High Point, NC		

Pre-Emerging		
Akron, OH	Des Moines-West Des Moines, IA	Oklahoma City, OK
Albany-Schenectady-Troy, NY	Grand Rapids-Wyoming, MI	Omaha-Council Bluffs, NE-IA
Albuquerque, NM	Greenville-Mauldin-Easley, SC	Palm Bay-Melbourne-Titusville, FL
Allentown-Bethlehem-Easton, PA-NJ	Harrisburg-Carlisle, PA	Portland-South Portland-Biddeford, ME
Augusta-Richmond County, GA-SC	Indianapolis-Carmel, IN	Poughkeepsie-Newburgh, NY*
Baton Rouge, LA	Jackson, MS	Provo-Orem, UT
Birmingham-Hoover, AL	Jacksonville, FL	Richmond, VA
Boise City-Nampa, ID	Kansas City, MO-KS	Scranton--Wilkes-Barre, PA
Bradenton-Sarasota-Venice, FL	Knoxville, TN	Springfield, MA
Charleston-North Charleston, SC*	Little Rock-North Little Rock, AR*	Syracuse, NY
Chattanooga, TN-GA	Louisville-Jefferson County, KY-IN	Toledo, OH
Cincinnati-Middletown, OH-KY-IN	Madison, WI	Tulsa, OK
Colorado Springs, CO	Memphis, TN-MS-AR	Virginia Beach-Norfolk, VA-NC*
Columbia, SC	New Orleans-Metairie-Kenner, LA	Wichita, KS
Dayton, OH	Ogden-Clearfield, UT	Youngstown-Warren, OH-PA*

Note: *Metropolitan name shortened for presentation. Source: Hall, Graefe, and De Jong (2010)

Table 2. Descriptive Statistics

	Total Sample	Established Destinations	Emerging/New Destinations	Pre-emerging Destinations
Foreign-Born Skill Ratio (FBSR)	126.8 (80.2)	109.8 (89.6)	121.1 (66.8)	142.2 (76.3)
FBSR Change, 2000-2008	22.7 (32.4)	43.6 (27.4)	23.9 (26.2)	6.8 (29.6)
Destination Type				
Established	33%	100%		
Emerging/New	22%		100%	
Pre-emerging	45%			100%
Total Population (1000s)	1952.0 (2566.9)	3284.1 (383.2)	2238.8 (1355.6)	835.0 (392.6)
Foreign Born as Percent of Population	11.1 (8.1)	17.5 (8.8)	13.1 (6.4)	5.4 (2.2)
Job Growth	0.02 (0.02)	0.02 (0.02)	0.03 (0.02)	0.02 (0.02)
Native Out-Migration	18.4 (14.8)	14.2 (15.5)	19.59 (14.5)	20.9 (13.9)
Native Unemployment	3.9 (0.9)	4.2 (0.9)	3.7 (0.7)	3.7 (0.8)
Native Underemployment	36.8 (5.0)	37.8 (6.1)	38.1 (5.2)	35.5 (3.5)
Overall Wages (logged)[a]	3.5 (0.2)	3.6 (0.2)	3.6 (0.2)	3.4 (0.1)
N ("person"-years)	400 [a] 300	132 [a] 99	88 [a] 66	180 [a] 135

[a]Data for wages are for 3 years (2005-2007) where as data for unemployment, underemployment, and out-migration are for 4 years (2005-2008)

Table 3. Estimated Effects of Immigrant Destination Type and Skill Ratio from Linear Growth Models Predicting Unemployment Rate among Native-Born Adults Age 25-64 in the 100 Largest U.S. Metropolitan Areas (n=400).

Covariates	Model 1, All Adults	Model 2, All Adults	Model 3, High-Skill Adults	Model 4, High-Skill Adults	Model 5, Low-Skill Adults	Model 6, Low-Skill Adults
Intercept Parameters						
Constant	3.89**	3.89**	2.16**	2.16**	3.89**	3.89**
Foreign-Born Skill Ratio (FBSR)	-0.002†	-0.002*	-0.001	-0.0003	-0.002†	-0.002*
FBSR Change	-0.001	-0.00003	0.002	0.001	-0.001	-0.00003
Destination Type (Referent=Established)						
Emerging/New	-0.25	-0.29	0.03	0.09	-0.25	-0.29
Pre-emerging	-0.39†	-0.46†	-0.06	0.06	-0.39†	-0.46†
Interactions:						
FBSR Change*Emerging/New	-0.01†	-0.01	-0.005	-0.004	-0.01†	-0.01
FBSR Change*Pre-emerging	-0.02**	-0.03**	-0.002	-0.002	-0.02**	-0.02**
Total Population (1000s)	0.00002	0.00003	0.0001**	0.0003†	0.00002	0.00003
Foreign Born as Percent of Population	-	-0.01	-	0.02**	-	-0.01
Job Growth	-6.28**	-6.25**	-5.67**	-5.81**	-6.27**	-6.25**
Region (Referent=West)						
Northeast	-0.03	-0.11	-0.06	0.08	-0.03	-0.12
Midwest	0.70**	0.62**	0.001	0.15	0.70**	0.62**
South	0.24	0.20	-0.03	0.04	0.24	0.20
Slope Parameters						
Time	-0.33**	-0.32**	-0.20**	-0.20**	-0.33**	-0.32**
Time^2	0.11**	0.11**	0.04*	0.04*	0.11**	0.11**
Interactions:						
FBSR Change*Time	0.002†	0.002†	-0.0004	-0.0004	0.002†	0.002†
Emerging/New*Time	0.02	0.03	0.04	0.04	0.02	0.03
Pre-emerging*Time	-0.04	-0.03	-0.05	-0.05	-0.04	-0.03
FBSR Change*Emerging/New*Time	0.01*	0.01*	0.002	0.002	0.01*	0.01*
FBSR Change*Pre-emerging*Time	0.003	0.003	-0.0002	-0.0002	0.003	0.003
Covariance Parameters						
Intercept	0.42**	0.42**	0.14**	0.13**	0.42**	0.42**
Slope	0.07**	0.07**	0.02**	0.02**	0.07**	0.07**
Residual	0.14**	0.14**	0.13**	0.13**	0.14**	0.14**
Fit Statistics[b]						
-2 Res LogL	818.1	824.1	603.8	605.5	818.1	824.1
AIC	826.1	832.1	611.8	613.5	826.1	832.1
AICC	826.2	832.2	611.9	613.6	826.2	832.2
BIC	836.5	842.5	622.3	623.9	836.5	842.5

† $p \leq 0.10$ * $p \leq 0.05$ ** $p \leq 0.01$

[a]Data source: 2005, 2006, 2007, and 2008 American Community Survey Public Use Microdata Samples, U.S. Bureau of the Census

[b]Null model likelihood ratio tests for all models shown indicate significant model fit to the data, $p \leq 0.01$.

Table 4. Estimated Effects of Immigrant Destination Type and Skill Ratio from Linear Growth Models Predicting Underemployment Rate among Native-Born Adults Age 25-64 in the 100 Largest U.S. Metropolitan Areas (n=400).

Covariates	Model 1, All Adults	Model 2, All Adults	Model 3, High-Skill Adults	Model 4, High-Skill Adults	Model 5, Low-Skill Adults	Model 6, Low-Skill Adults
Intercept Parameters						
Constant	36.95**	36.98**	83.53**	83.53**	16.15**	16.15**
Foreign-Born Skill Ratio (FBSR)	0.02**	0.02**	0.002	0.002	-0.001	-0.002
FBSR Change	-0.05**	-0.07**	-0.01*	-0.01†	0.01*	0.01*
Destination Type (Referent=Established)						
Emerging/New	-0.16	0.65	0.53	0.51	0.24	0.17
Pre-emerging	-2.91*	-1.32	0.10	0.06	0.44	0.30
Interactions:						
FBSR Change*Emerging/New	-0.004	-0.01	-0.04*	-0.04*	-0.01	-0.01
FBSR Change*Pre-emerging	0.07†	0.07*	-0.002	-0.002	-0.01	-0.01
Total Population (1000s)	0.0004*	0.0001	-0.00003	-0.00002	-0.0001	-0.0001
Foreign Born as Percent of Population	-	0.27**	-	-0.01	-	-0.02
Job Growth	-9.88*	-9.22*	-5.00	-5.01	-8.60*	-8.62*
Region (Referent=West)						
Northeast	0.64	2.58†	0.94†	0.89	-0.63	-0.79†
Midwest	-1.87	0.13	1.93**	1.88**	-0.49	-0.66
South	-3.13**	-2.14†	0.03	0.01	-1.46**	-1.54**
Slope Parameters						
Time	-0.36*	-0.42**	0.51**	0.51**	-0.62**	-0.61**
Time^2	0.25**	0.27**	-	-	0.27**	0.27**
Interactions:						
FBSR Change*Time	0.001	0.001	-0.001	-0.001	-0.002	-0.002
Emerging/New*Time	0.07	0.03	-0.20	-0.20†	-0.15	-0.14
Pre-emerging*Time	0.10	0.07	-0.12	-0.12	-0.07	-0.06
FBSR Change*Emerging/New*Time	0.001	-0.0004	-0.001	-0.001	0.003	0.003
FBSR Change*Pre-emerging*Time	0.001	0.001	-0.003	-0.003	0.01†	0.01†
Covariance Parameters						
Intercept	17.02**	15.27**	2.33**	2.37**	1.57**	1.57**
Slope	0.08*	0.08*	0.0	0.0	0.01	0.01
Residual	0.78**	0.79**	1.04**	1.04**	0.61**	0.61**
Fit Statistics[b]						
-2 Res LogL	1578.7	1570.8	1457.2	1461.9	1268.7	1273.3
AIC	1586.7	1578.8	1463.2	1467.9	1276.7	1281.3
AICC	1586.8	1578.9	1463.3	1467.9	1276.8	1281.4
BIC	1597.1	1589.3	1471.0	1475.7	1287.1	1291.7

$^{\dagger}p\leq0.10$ * $p\leq0.05$ ** $p\leq0.01$

[a]Data source: 2005, 2006, 2007, and 2008 American Community Survey Public Use Microdata Samples, U.S. Bureau of the Census

[b]Null model likelihood ratio tests for all models shown indicate significant model fit to the data, $p\leq0.01$.

Table 5. Estimated Effects of Immigrant Destination Type and Skill Ratio from Linear Growth Models Predicting Wages for Adults Age 25-64 in the 100 Largest U.S. Metropolitan Areas, 2005-2007 (n=300).

Outcome:	Overall Wages[a]		Wages by Industrial Sector[a],					
Covariates	Model 1, All Adults	Model 2, All Adults	Professional/Technical		Health		Accommodation/Food Services	
			Model 3	Model 4	Model 5	Model 6	Model 8	Model 9
Intercept Parameters								
Constant	3.48**	3.48**	3.80**	3.80**	3.69**	3.69**	2.84**	2.84**
Foreign-Born Skill Ratio (FBSR)	0.001**	0.001**	0.002**	0.002**	0.0004**	0.0004**	0.0002	0.0004†
FBSR Change	-0.002**	-0.002**	-0.003**	-0.003**	-0.001*	-0.001**	-0.001	-0.001†
Destination Type (Referent=Established)								
Emerging/New	-0.02	-0.01	0.02	0.04	0.03	0.04†	0.04	0.07†
Pre-emerging	-0.18**	-0.15**	-0.23**	-0.20**	-0.06*	-0.04	-0.14**	-0.09*
Interactions:								
FBSR Change*Emerging/New	0.004**	0.004**	0.01**	0.01**	0.003**	0.003**	0.006**	0.006**
FBSR Change*Pre-emerging	0.002*	0.002*	0.001	0.001	0.001	0.001	0.001	0.002
Total Population (1000s)	0.00002**	0.0001**	0.00004**	0.00004**	0.00†	0.00	0.00002**	0.00002**
Foreign Born as Percent of Population	-	0.004**	-†	0.004	-	0.003*	-	0.01**
Job Growth	-0.18*	-0.17*	-0.20	-0.18	-0.23**	-0.22*	-0.37**	-0.34**
Region (Referent=West)								
Northeast	0.05	0.09*	-0.008	0.02	0.002	0.03	0.003	0.06
Midwest	0.01	0.04	-0.006	0.02	-0.03	-0.003	-0.14**	-0.08†
South	-0.05†	-0.03	-0.01	0.001	-0.05†	-0.04†	-0.07†	-0.04
Slope Parameters								
Time	0.04**	0.04**	0.04**	0.04**	0.02**	0.02**	0.04**	0.04**
Time^2	-0.004**	-0.003**	0.002	0.003	0.004**	0.004**	-0.004*	-0.004*
Interactions:								
FBSR Change*Time	-0.00	-0.00002	-0.0001	-0.0001	-0.00	-0.00	0.0001	0.0001
Emerging/New*Time	-0.001	-0.001	0.002	0.001	0.003	0.002	0.004	0.003
Pre-emerging*Time	-0.00	-0.0003	0.001	0.001	0.0003	0.0004	0.002	0.002
FBSR Change*Emerging/New*Time	-0.0001	-0.0001	-0.0002	-0.0003	-0.0001	-0.0001	-0.0001	-0.0001
FBSR Change*Pre-emerging*Time	-0.0002†	-0.0002*	-0.00	-0.00	-0.0002†	-0.0002†	-0.00	-0.00001
Covariance Parameters								
Intercept	0.01**	0.01**	0.03**	0.03**	0.01**	0.01**	0.02**	0.02**
Slope	0.0001**	0.0001**	0.0002**	0.0002**	0.0001**	0.0001**	0.0001**	0.0001**
Residual	0.0001**	0.0001**	0.0003**	0.0003**	0.0001**	0.0001**	0.0002**	0.0002**
Fit Statistics[c]								
-2 Res LogL	-1130.3	-1128.9	-728.3	-720.4	-1047.5	-1041.0	-926.7	-930.7
AIC	-1122.3	-1120.9	-720.3	-712.4	-1039.5	-1033.0	-918.7	-922.7
AICC	-1122.2	-1120.7	-720.1	-712.3	-1039.4	-1032.9	-918.5	-922.5
BIC	-1111.9	-1110.4	-709.9	-702.0	-1029.1	-1022.6	-908.3	-912.2

†$p \leq 0.10$ * $p \leq 0.05$ ** $p \leq 0.01$

[a]Data source: Tables CA06N and CA25N for 2005,2006, and 2007, Regional Economic Information Systems, U.S. Bureau of Labor Statistics

[b]Data source: 2005, 2006, 2007, and 2008 American Community Survey Public Use Microdata Samples, U.S. Bureau of the Census

[c]Null model likelihood ratio tests for all models shown indicate significant model fit to the data, $p \leq 0.01$.

Table 6. Estimated Effects of Immigrant Destination Type and Skill Ratio from Linear Growth Models Predicting Out-Migration among Native- Born Adults Age 25-64 in the 100 Largest U.S. Metropolitan Areas (n=400).

Covariates	Model 1, All Adults	Model 2, All Adults	Model 3, High Skill Adults	Model 4, High Skill Adults	Model 5, Low Skill Adults	Model 6, Low Skill Adults
Intercept Parameters						
Constant	17.72**	17.71**	17.38**	19.45**	25.26**	26.49**
Foreign-Born Skill Ratio (FBSR)	0.04*	0.03†	0.04†	0.03	-.01	0.004
FBSR Change	-0.11*	-0.10†	-0.18*	-0.12†	0.06	0.06†
Destination Type (Referent=Established)						
Emerging/New	4.24	2.98	7.24	4.63	0.69	1.80
Pre-emerging	0.02	1.02†	4.86	-0.26	-2.45	2.05
Interactions:						
FBSR Change*Emerging/New	-0.05	-0.03	-0.25	-0.22	0.25*	0.20†
FBSR Change*Pre-emerging	-0.004	-0.01	-0.10	-0.10	0.06	0.02
Total Population (1000s)	0.001	0.001†	0.001	0.002*	0.0003	-0.0004
Foreign Born as Percent of Population	-	-0.40†	-	-0.82*	-	0.81**
Job Growth	3.96	3.96	-80.72†	-80.65†	21.24	11.73
Region (Referent=West)						
Northeast	16.29**	13.48**	17.44**	11.75†	3.98	4.87
Midwest	13.89**	10.95*	16.03**	10.13†	3.00	6.12†
South	11.23**	9.80**	13.39**	10.53*	3.28	5.24†
Slope Parameters						
Time	0.33†	0.34†	0.82†	0.85†	0.26	0.21
Interactions:						
FBSR Change*Time	-0.003	-0.003	0.03†	0.03†	-0.02	-0.02†
Emerging/New*Time	0.97†	1.02†	0.56	0.67	1.12	1.11
Pre-emerging*Time	0.92†	0.96†	1.15	1.25	1.18	1.07
FBSR Change*Emerging/New*Time	-0.02	-0.02	0.04	0.04	-0.06	-0.06
FBSR Change*Pre-emerging*Time	-0.01	-0.01	0.03	0.03	-0.03	-0.03
Covariance Parameters						
Intercept	151.30**	147.04**	248.97**	241.42**	32.28**	29.40**
Slope	0.38	0.38	1.48	1.24	0.91	0.92
Residual	18.29**	18.34**	97.61**	97.94**	32.70**	32.66**
Fit Statistics[c]						
-2 Res LogL	2658.8	2657.3	3199.7	3195.0	1754.5	1747.2
AIC	2666.8	2665.3	3207.7	3203.0	1762.5	1755.2
AICC	2666.9	2665.4	3207.9	3203.1	1762.6	1755.4
BIC	2677.3	2675.7	3218.2	3213.5	1772.9	1765.6

†$p \leq 0.10$ * $p \leq 0.05$ ** $p \leq 0.01$

[a]Data source: 2005, 2006, 2007, and 2008 American Community Survey Public Use Microdata Samples, U.S. Bureau of the Census

[b]Migration is based on questions regarding places of residence in the past year.

[c]Null model likelihood ratio tests for all models shown indicate significant model fit to the data, $p \leq 0.01$.

Table 7. Summary of Significant Effects.

Covariates	Native Unemployment			Total Wages			
	All	High Skill	Low Skill	All	Professional & Technical	Health-related	Food & Accommodation Services
Foreign-born Skill Ratio (FBSR)	Negative effect		Negative effect	Positive effect	Positive effect	Positive effect	Positive effect
FBSR Change	Negative effect in pre-emerging destinations. Increasing effect over time in new destinations.	NO EFFECTS	Negative effect in pre-emerging destinations. Increasing effect over time in new destinations.	Negative effect in established destinations. Positive effect in emerging/new destinations. Increasingly negative effect over time in pre-emerging destinations.	Negative effect in established & pre-emerging destinations. Positive effect in emerging/new destinations.	Negative effect in established & pre-emerging destinations. Increasingly negative effect over time in pre-emerging destinations. Positive effect in emerging/new destinations.	Negative effect in established & pre-emerging destinations. Positive effect in emerging/new destinations. Effect becomes more positive over time in all destinations.
Emerging/New versus Established Destinations							Positive effect
Pre-emerging versus Established Destinations	Negative effect		Negative effect	Negative effect.	Negative effect.		Negative effect.

	Native Underemployment			Native Out-migration			
	All	High Skill	Low Skill	All	All	High Skill	Low Skill
FBSR	Positive effect			Positive effect	Positive effect		
FBSR Change	Negative effect in established & emerging/new destinations.	Negative effect that is greatest in emerging/new destinations.	Positive effect. Positive effect increases over time in pre-emerging destinations.	Negative effect in established destinations. Positive effect in emerging/new destinations. Increasingly negative effect over time in pre-emerging destinations.	Negative effect. Effect is increases to become positive over time in emerging/new & pre-emerging destinations.	Negative effect	Positive effect that declines over time and that is greatest in emerging/new destinations.
Emerging/New versus Established Destinations							
Pre-emerging versus Established Destinations				Negative effect.	Positive effect		

Figure 1. Effect of 2000-2008 Change in Foreign-born Skill Ratio (FBSR) and Destination Type Over Time, Net Effects of FBSR Level, Area Job Growth, Foreign-born Population as a Percent of Total Population, Population Size, and Geographic Region