

## *As information flows, so does immigration*

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### **Body**

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**Information** plays as crucial a role in migration as in most other economic activities. The faster and more accurately **information flows**, the more efficient the process. That usually is good for society. But when better **information** facilitates doing something illegal, that isn't necessarily true.

Many people wonder why **immigration** has mushroomed recently. For decades, large wage differentials have existed between the U.S. and poor countries like Mexico. Yes, some people entered the United States seeking work without legal permission. But the numbers were small. Most who entered found work in bordering states such as Texas or California. Few went as far as Georgia, Ohio or Minnesota, all of which now have large and growing immigrant communities.

Illegal immigrants now make up 3 percent of the U.S. population and 5 percent of the labor force. Why the dramatic change? One answer is that "network effects" are powerful. Network effects exist when the increasing use of some good or service makes that very item more valuable.

Telecommunication provides many examples. When the telephone was invented in 1876, it was an interesting new device but not terribly useful. Early adopters could call only a handful of people. As the number of subscribers grew, however, the number of people one could call grew. That made the new machine more and more valuable until it became a necessity.

The same process applies to cell phone cameras. The first teenager to get such a phone in any school cannot do much. But once many friends have similar phones, they can send pictures back and forth constantly.

Network effects play huge roles in most migrations, but such effects often are ignored. Yet they are so important — and have reached such critical mass — in current **immigration** that ignoring them means we focus on symbolic palliatives like guest worker programs or sending the National Guard to our border with Mexico.

The more people migrate from one country to another and the cheaper and faster the communication, the easier it becomes for others to follow. This is nothing new. It was true for my own family a century ago and many other immigrants before World War I.

My grandfather migrated from the Netherlands in the late 1890s on contract with a vegetable farmer in Maryland. When he returned home to Wilnes three years later, he found that relatives from his village had migrated to Minnesota.

After some correspondence, the Verbrugges met him as he stepped off the train in Chandler, Minn., in 1904. His bride arrived the next year with 17 others from the home village. Grandpa's sister and her husband, his half-sister and many from a related family made the move a few years later.

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The more contacts a Dutch peasant had in Minnesota, the easier the migration. They wrote with advice on just what to do, what pitfalls to avoid and how much money was needed. They lined up a job and a house or a farm for the new arrivals. The more who made the trip, the more viable migrating appeared to those remaining across the Atlantic. If World War I and the Great Depression had not short-circuited the process, many more might have come.

What was true for the Dutch in Chandler and Edgerton was true for the Danes around Ruthton, the Belgians up by Green Valley, the Hungarians around Balaton, and Germans, Swedes and Norwegians everywhere in Minnesota.

It is truer for today's potential immigrants. Contact with someone who preceded you greatly facilitates the process. If your cousin or neighbor works in Worthington, Willmar or South St. Paul, moving to those cities is much easier than striking out into the unknown.

While such network effects are greatest for people born in Mexico, simply because those already here number in the millions (legal and illegal), there is nothing unique about the incentives luring Mexicans. People from Bangladesh or Botswana would move here with the same alacrity if they did not have to cross oceans.

Cheap communications accentuate network effects. When my grandmother sent a letter to the Netherlands, months could pass before any reply. A brief cable communicating a birth or death cost more than all the cream and eggs sold in a week.

Ten years ago, only a minority of families in Mexico had a telephone. International long-distance was expensive. Now, with cheap cellular technology, someone in South Minneapolis can call Oaxaca for cents a minute.

In the face of snowballing network effects, half-measures like the 1986 Simpson-Mazzoli ***Immigration*** Control and Reform Act availed us nothing. Nor will the proposed guest worker programs, increased appropriations for the Border Patrol or deploying 6,000 members of the National Guard on the border. Yes, these changes make crossing the border more difficult for Mexicans but are not necessarily a deterrent, because the measures are more than offset by the decrease in costs resulting from millions of relatives and friends who have already migrated.

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