U.S. Natural Gas Imports and Exports: 2007

This special report looks at recent trends in U.S. international natural gas trade. Natural gas import and export data, including liquefied natural gas (LNG) data, are provided through the year 2007 in the appendix (Tables SR1-SR9). A note on utilized data sources is provided at the end of this report. Questions concerning this report should be addressed to Damien Gaul at 202-586-2073, or through e-mail at Damien.Gaul@eia.doe.gov.

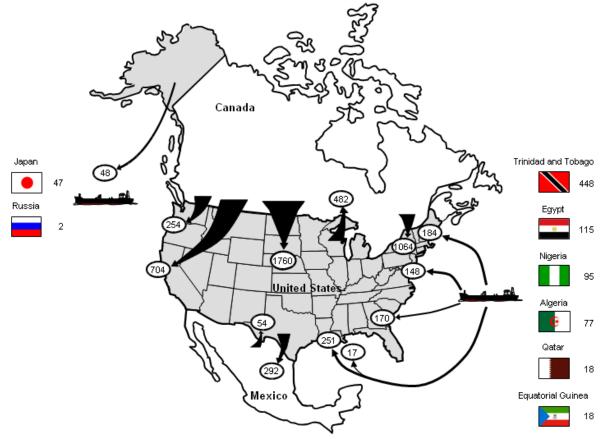
International natural gas deliveries in 2007 continued to be a critical source of supply meeting U.S. energy demand. U.S. liquefied natural gas (LNG) imports, which are delivered via ocean-going tankers, reached historically high volumes with large percentage growth over the previous year. However, LNG still accounted for only a small portion of overall U.S. natural gas imports, and the pace of deliveries fell dramatically in the second half of the year. U.S. pipeline imports from Canada, which is by far the largest source country of natural gas exports to the United States, increased to near-record levels after declining the previous year.

Net U.S. imports equaled approximately 16 percent of

domestic consumption in 2007, a portion that in recent years has risen steadily, albeit at a slow pace; in fact, net U.S. imports in 2007 were just 4 percentage points higher than the 12 percent recorded 10 years prior. Despite being a small portion of overall U.S. supplies, the volumes received from foreign sources still qualify the United States as the largest importer of natural gas in the world. Altogether, the United States received imports from eight different countries (Figure 1).

Markets in Mexico and Canada are connected with natural gas markets in the United States by an extensive pipeline network that has allowed for increasing volumes to be traded

Figure 1. Flow of Natural Gas Imports and Exports, 2007 (Billion Cubic Feet)



Note: North American natural gas flows are transported primarily through pipelines, but a very small portion of trade (less than 1 percent) occurs through trucking of LNG. **Source:** Energy Information Administration, based on data from the Office of Fossil Energy, U.S.

Department of Energy, Natural Gas Imports and Exports, DOE/FE-0521 (Washington DC, April 2008), web site www.fe.doe.gov.

¹ LNG (liquefied natural gas) is natural gas, primarily methane, which has been cooled to its liquid state at -260°F (-162.2°C). Liquefying natural gas reduces the volume it occupies by more than 600 times, making it a practical size for storage and transportation.

over time. More recently, the United States has become increasingly active in the global market for LNG. In 2007, the United States was the fourth leading importer of LNG in the world behind Japan, South Korea, and Spain.²

The United States also has exported increased volumes in recent years to its trading partners. In spite of a decline in pipeline exports to Mexico, overall U.S. pipeline exports in North America increased in 2007. LNG exports (primarily from Alaska to Japan) declined, but there were two new destination countries for U.S. LNG exports during the year. A single LNG cargo, carrying the equivalent of about 2 billion cubic feet (Bcf) of natural gas in gaseous form, was delivered to Russia in October, while a single truckload of LNG was delivered to Canada in July.

This report distinguishes between international trade of natural gas by pipeline and LNG. After a brief Overview, it will first address pipeline imports and exports with Canada and Mexico in 2007 and, second, developments in U.S. participation in global LNG trade.

Overview/Trends

Net imports to the United States in 2007 increased 323 Bcf to 3,785 Bcf, which marks the highest level of net imports on record (Figure 2). Increases in both LNG

deliveries from a variety of countries and pipeline imports from Canada resulted in growth in gross imports of 421 Bcf. However, an increase in U.S. gross exports offset about 23 percent of the expanded import level. Net imports represented 16.4 percent of total U.S. natural gas consumption.

Net imports from Canada in 2007 totaled 3,301 Bcf, which was an increase of 1.6 percent, or 52 Bcf, over the previous year. Despite this slight growth in 2007, Canadian supplies generally have not increased as a share of the U.S. market in recent years, and the level of net imports from Canada on average during the last 5 years has fallen (Figure 3). Gross imports in 2007 increased 193 Bcf, or 5.4 percent. However, this increase coincided with a strong increase in exports from the United States to Canada. The slight increase in net imports in 2007 underscores the difficulty Canada is experiencing in increasing output from conventional resources, primarily located in the Western Canada Sedimentary Basin (WCSB).

Gross U.S. pipeline exports to Mexico in 2007 declined 30 Bcf, or 9.4 percent, from the previous year. U.S. exports to Mexico totaled just 292 Bcf, the lowest level in 4 years. The recent decline in U.S. exports coincides with greater output from Mexico's national oil and gas company Petróleos Mexicanos (Pemex), as well as the construction and

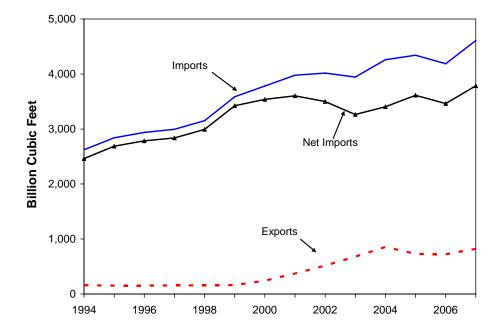


Figure 2. Total U.S. Natural Gas Imports and Exports, 1994-2007

Source: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports, DOE/FE-0521* (Washington DC, April 2008), web site www.fe.doe.gov.

² BP, Statistical Review of World Energy 2007, (June 2008). Online. http://www.bp.com.

operation of new LNG receiving capacity in Mexico.

The average price for all imports was virtually unchanged from 2006 to 2007, dropping by 1 cent per thousand cubic feet (Mcf) to \$6.87 per Mcf, which is the equivalent of \$6.70 per million British thermal units (MMBtu).³ On a volume-weighted basis, the price of imports in the form of LNG averaged \$7.07 per Mcf, while the price for imports by pipeline averaged \$6.83. However, because of the higher Btu content of LNG, the average price for LNG was less on a heat content (or "Btu") basis at \$6.69 per MMBtu compared with \$6.70 per MMBtu for pipeline imports. The average wellhead price in the United States in 2007 was \$6.39 per Mcf (\$6.22 per MMBtu), compared with \$6.40 per Mcf (\$6.23 per MMBtu) in 2006.⁴

LNG imports rose significantly to 771 Bcf as the number of LNG source countries expanded from four to six. The volume of LNG imports was another record high and more than triple the volume received in 2002. Increased supplies from Trinidad and Tobago, as well as from Algeria, primarily

accounted for the growth in deliveries in 2007. Trinidad and Tobago is the source country with the largest contribution to U.S. LNG imports, while Algeria was, at one time, the sole supplier of LNG to the United States. However, LNG import growth slowed significantly starting in the second half of the year as LNG demand increased in other parts of the world, particularly in Japan (the largest-volume LNG importer in the world) and Europe.

Canada-U.S. Pipeline Trade

With productive capacity far exceeding its domestic consumption, Canada is the second-largest exporter of natural gas in the world. All of the country's natural gas exports are delivered into the U.S. market, a trading relationship that has proved lucrative for Canada while providing the United States essential supplies of natural gas. This Canadian-U.S. trade predominantly occurs through major long-haul pipeline systems originating from supply basins in Alberta, British Columbia, and Nova Scotia,

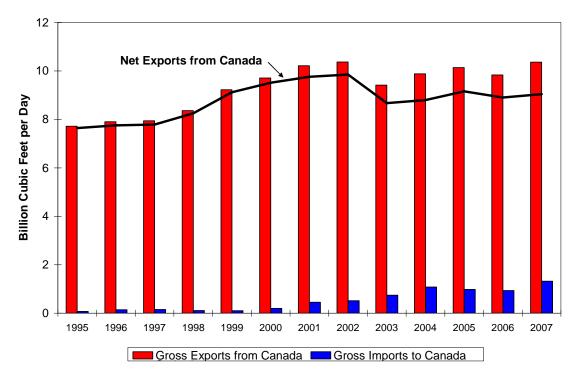


Figure 3. Canadian International Trade Movements, 1995-2007

Source: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*, *DOE/FE-0521* (Washington DC, April 2008), web site www.fe.doe.gov.

 $^{^3}$ See Table SR2, Summary of U.S. Natural Gas Imports, 2006-2007, which is appended to this report.

⁴ Energy Information Administration, *Natural Gas Monthly*, DOE/EIA-0130 (2008/12) (Washington, DC, December 2008), Table 3, for wellhead price data. The wellhead price was converted from dollars per Mcf to dollars per MMBtu using an average heat content of 1,028 Btu per cubic foot in 2007 as published in Table A4 of the Energy Information Administration, *Annual Energy Review 2007*. DOE/EIA-0348 (2007) (Washington, DC, June 2008).

Canada. The integrated network transports Canadian natural gas to markets in nearly every major northern consuming region of the United States, where it competes with U.S. domestic production.

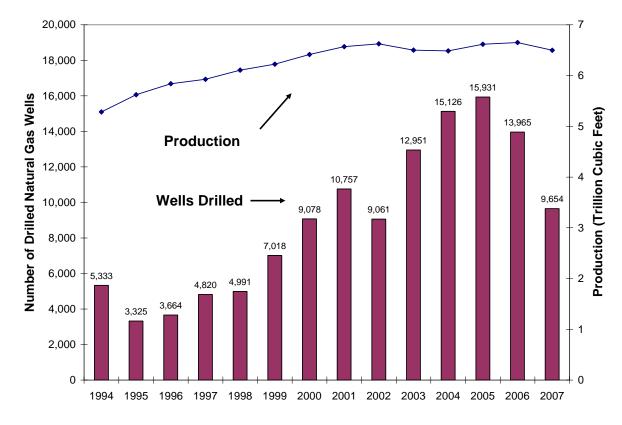
Although the volume of U.S. net imports of Canadian natural gas grew 1.6 percent over the previous year to 3,301 Bcf, this volume was still 8 percent less than the level just 5 years before. This general decline in U.S. imports from Canada over time reflects underlying trends in the Canada's production, which is concentrated in the WCSB (mostly located in Alberta). In 2007, Canadian production of 6,499 Bcf (17.8 Bcf per day) was 2.3 percent less than production of 6,652 Bcf (18.2 Bcf per day) in 2006.⁵

Producers in the WCSB continued to reduce drilling programs during 2007 as production costs (including labor) escalated and North American natural gas prices stabilized. In 2007, the number of drilled natural gas wells in Canada dropped to 9,654, about 31 percent less than in 2006 and 39

percent less than the record peak number of wells drilled in 2005 (Figure 4). Although the accompanying output decline was not as severe, this slowdown in drilling new prospects demonstrated a lack of incentive to invest in new production in the WCSB in the current economic environment. Other factors played a role in maintaining the level of exports to the United States: the level of natural gas in storage in Canada at the end of December 2007 was significantly less than the level at the end of December 2006, and consumption in Canada was approximately the same in comparison with the previous year.

Total revenue to Canadian producers suggested by the volume of exports in 2007 is estimated at \$25.9 billion, a slight increase over the \$24.5 billion in revenue in 2006. However, revenue was, revenues from exports were well below the record level of \$29.9 billion in 2005. Because the value of the U.S. dollar in comparison with the Canadian dollar declined between 2005 and 2007, the value of revenue from natural gas trade with the United States has declined

Figure 4. Number of Drilled Natural Gas Wells and Production in Canada, 1994-2007



Sources: Production data: International Energy Agency, *Natural Gas Monthly Survey*, Online at http://www.iea.org. (December 2008). Well data: Canadian Association of Petroleum Producers, *Statistical Handbook*. Data available on the Internet at http://www.capp.ca.

Canadian Association of Petroleum Producers, Statistical Handbook, Data available on the Internet at http://www.capp.ca.

The International Energy Agency, Natural Gas Monthly, (Paris, France, International Energy Agency, Natural Gas Monthly, International Energy Agency,

⁷ International Energy Agency, *Natural Gas Monthly*, (Paris, France, December 2008). Online at http://www.iea.gov.

⁵ International Energy Agency, *Natural Gas Monthly*, (Paris, France, December 2008). Online at http://www.iea.gov.

even more severely than suggested by the comparison based on estimates in nominal U.S. dollars.

U.S. exports to Canada occur on a much smaller scale than flows in the reverse direction. Nonetheless, U.S. exports to Canada have grown significantly in recent years and are now an important variable in the trade balance between Canada and the United States. In 2007, U.S. exports to Canada totaled 482 Bcf, which was 41 percent higher than in the previous year. Most of the exported supplies are transported through the St. Clair, Michigan, border point, to major pipeline interconnections and storage fields located in Dawn, Ontario. From Dawn, supplies are then transported eastward to higher-priced markets in both Eastern Canada and the U.S. Northeast. The volume of U.S. exports through this location often varies seasonally and with changes in regional prices. The highest monthly export total at St. Clair (63 Bcf) in 2007 occurred in December and was more than double the low volume of 24 Bcf in August.

To meet future increases in North American demand, Canada's industry has initiated a variety of efforts to increase supplies. Most immediately, Canada's first LNG import terminal, which is being developed to meet demand in the U.S. Northeast and eastern Canada, likely will be operational in early 2009. Irving Oil and Repsol's project, located in Canaport, New Brunswick, has received all necessary regulatory approvals and has completed construction of three tanks, each with storage capacity of about 2.5 Bcf. The facility will have total sendout capacity of 1.2 Bcf per day in its first phase of operations and will use existing and expanded capacity on the Maritimes and Northeast Pipeline to move gas into the U.S. Northeast.

Additionally, as has occurred in the United States, there is renewed interest and optimism regarding unconventional gas recovery in Canada, particularly relating to shale formations. Following recent successes in production output from the Barnett Shale formation in Northeast Texas, as well as other shale formations in the Lower 48 States, several companies have been active in the Upper Montney and Horn River regions of British Columbia. Commercial shale gas production in the Upper Montney region was estimated at approximately 80 million cubic feet (MMcf) per day at the end of the 2007 and is expected to rise rapidly in 2008 and 2009. Encana Corporation, Apache Corporation, and EOG Resources have listed reserves in the area. 8

A consortium of companies continues to work through the permitting process for a pipeline from the Mackenzie Delta in the Arctic, another effort long underway to increase supply options in Canada. Increased projected costs for the construction of the 760-mile pipeline may result in the project being uneconomical. However, natural gas from the Mackenzie Delta would support Canadian exports to the United States by helping to meet growth in Canadian demand

as a result of oil sands operations in Alberta (the proposed terminus for the pipeline). Without additional supply sources, increased demand in Alberta may significantly affect the volume of natural gas available for export to the United States.

Currently, there are 22 principal entry points for imports from Canada into the United States. For this report, they are grouped into four regions of the United States: the Pacific Northwest, the West, the Midwest, and the Northeast (Figure 5). Imports into all regions but the West increased in 2007.

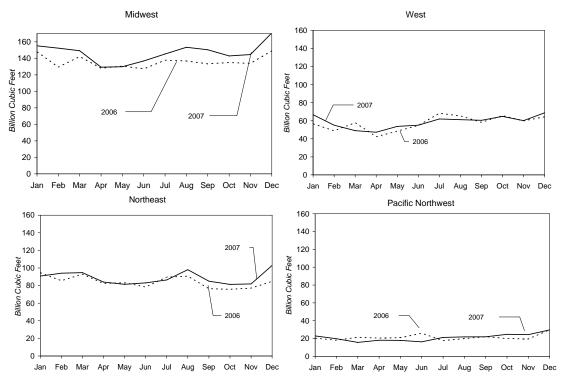
The Midwest region in 2007 received the greatest percentage (46.5 percent) of total natural gas imports from Canada with imports of approximately 1,760 Bcf. This region, which had an increase in imports of 129 Bcf, or 7.9 percent, from 2006 volumes, includes the largest cross-border pipeline system built in recent years, the Alliance Pipeline System, which crosses the border at Sherwood, North Dakota. Despite the overall increase in imports to this region in 2007, the volumes at the Sherwood, North Dakota, border crossing dropped 8.9 percent to 466 Bcf in 2007. The receipt point with the largest volumes for U.S. imports from Canada is located at Port of Morgan, Montana, where the Northern Border Pipeline connects to the Foothills pipeline portion of the TransCanada Pipeline system, Canada's largest pipeline network. In 2007, volumes increased by 14.7 percent to 764 Bcf. The average price for imports into the Midwest was \$6.70 per Mcf (\$6.52 per MMBtu).

About 28 percent of all U.S. imports from Canada were delivered to the U.S. Northeast in 2007. During the year, Canadian imports into this region increased 52 Bcf, or about 5.1 percent, to 1,064 Bcf. The largest share of imports into the Northeast occurred at the Waddington, New York, border crossing, where National Fuel Supply Corporation connects to TransCanada. The annual volume at this location increased 4 percent to 422 Bcf in 2007. At the Niagara, New York border crossing, where Tennessee Gas Pipeline Company connects with the TransCanada system, volumes increased about 2 Bcf to 357 Bcf. Reflecting their proximity to major consuming markets with the highest prices in the United States, border points in the Northeast had the highest prices of the four import regions. The average price for imports into the Northeast was \$7.45 per Mcf (\$7.31 per MMBtu), which was a decrease of \$0.07 per Mcf (\$0.069 per MMBtu) over the previous year.

The West and the Pacific Northwest regions received, respectively, 18.6 and 6.7 percent of total imports from Canada during 2007. The annual import level into the Pacific Northwest declined by 0.6 percent, or 2 Bcf. Imports into this region have now declined by 35.7 percent since 2003. At the same time, imports to the West region (which includes border points with linkages to California markets) have been steadily increasing in recent years. In 2007, imports to the West increased by 2.0 percent to 704 Bcf. Average prices in the Pacific Northwest and the West during 2007 were,

⁸ North American Natural Gas Supply Assessment, Navigant Consulting Inc. (prepared for the Clean Skies Foundation), July 2008. Available at http://www.navigantconsulting.com/industries/energy/fuels/

Figure 5. U.S. Natural Gas Pipeline Imports from Canada by Regional Point of Entry, 2006-2007



Source: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports, DOE/FE-0521* (Washington DC, April 2008), web site www.fe.doe.gov. **Notes:** Flows in the Pacific Northwest region consist of points of entry in the State of Washington. Flows in the West region consist of points of entry in Idaho. Points of entry in Montana, North Dakota, Michigan, Minnesota, comprise the Midwest region. Points of entry in New York, Vermont, and Maine comprise the Northeast region.

respectively, \$6.61 per Mcf (\$6.43 per MMBtu) and \$6.31 per Mcf (\$6.14 per MMBtu).

The United States exports natural gas by pipeline to Canada at numerous locations, but most significantly at St. Clair, Michigan, where the Vector Pipeline crosses the border. U.S. exports through St. Clair in 2007 were 419 Bcf, while total exports to Canada were 482 Bcf. The total volume of U.S. exports to Canada in 2007 through the St. Clair border point was 132 Bcf, or 46 percent, higher than the previous year. Increased flows during the year were associated with an expansion of Vector's capacity by 200 MMcf per day to 1.2 Bcf per day in 2007. Furthermore, another expansion of the pipeline in 2009 is expected to bring capacity to 1.3 Bcf per day. The average price of U.S. exports to Canada at St. Clair in 2007 was \$7.24 per Mcf (\$7.04 per MMBtu), 2.0 percent below the 2006 price.

Mexico - U.S. Pipeline Trade

In marked contrast to a trend of lower natural gas output in the late 1990s and the beginning of this decade, Mexico's national oil and natural gas company Petróleos Mexicanos (Pemex) increased production in 2007 for the fourth consecutive year. Additionally, concerns over sources of supply also have lessened with Mexico now receiving regular LNG shipments at the Altamira LNG terminal on the east coast of the country.

The result of the growing production base and new LNG supplies has been lower Mexican imports from the United States. Net U.S. exports to Mexico in 2007 totaled 238 Bcf, which is the lowest annual volume since 2001. Gross exports from the United States were 9 percent lower than the previous year at approximately 292 Bcf. Additionally, the balance of trade between the two countries was affected by the United States importing a significantly higher volume from Mexico (although this volume is still relatively small in comparison with U.S. exports to Mexico).

Currently, Mexican natural gas production is concentrated in the south of the country (including offshore Gulf of Mexico), where it is mostly associated with crude oil production. In 2007 there was a 15-percent increase in production over the prior year (Figure 6). However, it is expected that development of reserves in the northern part of the country will be the focus of future production growth with up to 10 times as much proven and probable reserves located in this

⁹ International Energy Agency, *Natural Gas Monthly*, (Paris, France, December 2008). Online at http://www.iea.gov.

region (including the Burgos Basin) than in the southern part of the country. Indeed, production in 2007 from the northern part of the country totaled 934 Bcf, 90 percent higher than 4 years earlier. ¹⁰

At the same time, Mexico continues to struggle with attracting the necessary level of investment to develop resources, in part the result of the country's prohibition against foreign ownership of oil and natural gas resources. A recent legislative effort to allow foreign investment in Pemex and other energy reforms failed, despite support from President Felipe Calderon. Calderon's predecessor, Vicente Fox, obtained legislative approval for multiple service contracts (MSCs), which allow private firms to subcontract to develop some natural gas projects. However, the Mexican legislature has challenged the legality of MSCs on several occasions, eventually discouraging foreign companies from bidding on projects.

Recent LNG imports have had a significant impact on the natural gas market in Mexico. LNG imports to Mexico commenced in August 2006 with the delivery of a shipment from Nigeria to Altamira LNG, a joint venture of Royal Dutch Shell plc (50 percent), Total S.A. (25 percent), and Mitsui & Co. Ltd (25 percent). In 2007, Altamira received an estimated 110 Bcf, mostly from Nigeria. LNG imports may further increase with the start of operations in May 2008 of the Energia Costa Azul LNG project, near Ensenada, Baja

California. Energia Costa Azul LNG, which is owned by Sempra Energy, Inc., has a peak regasification capacity of 1 Bcf per day. Both Sempra and Royal Dutch Shell (which, although not an owner of the facility, has obtained 50 percent of the send-out capacity rights) have indicated intentions to transport a portion of LNG supplies to the facility across the border to U.S. markets. Additionally, Mexican authorities have awarded a contract for the construction and ownership of an LNG receiving terminal at Manzanillo (Mexico's busiest port on the Pacific Ocean) to a consortium that includes Mitsui & Co. Ltd., Korea Gas Corp. (Kogas) and Samsung Corp. The government has targeted 2011 for the commencement of the plant's operations.

Current natural gas consumption in Mexico is small compared with the rest of North America at about 2.2 trillion cubic feet (Tcf), or approximately 8 percent of the total demand for the continent. However, demand has increased rapidly in the country, with consumption increasing at an average annual rate of 5.5 percent in the past 5 years. The increase in consumption is occurring across all customer classes. Mexico's electric generation sector is increasingly relying on natural gas to meet increases in demand. In addition, as pipeline infrastructure to serve residential and commercial users continues to grow, requirements for natural gas in those sectors have increased substantially. Also, the North American Free Trade Agreement has encouraged greater investment in exporting industries, allowing for

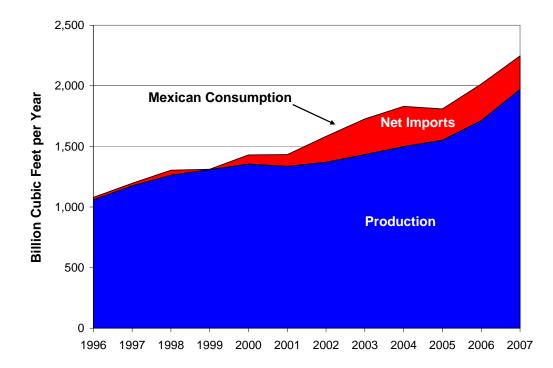


Figure 6. Mexican Natural Gas Consumption, Production, and Imports, 1994-2007

Source: International Energy Agency, *Natural Gas Monthly Survey*, Online at http://www.iea.org. (December 2008).

¹⁰ Pemex, *Monthly Petroleum Statistics*, (September 2008). Online at http://www.pemex.com.

¹¹ International Energy Agency, *Natural Gas Monthly*, (Paris, France, December 2008). Online at http://www.iea.gov.

greater natural gas demand in the industrial sector.

U.S. exports to Mexico primarily serve industries, electric power plants, and local distribution networks in the north of the country. In all, there are 15 natural gas pipeline interconnections at the U.S-Mexico border, which add up to an import capacity into Mexico of 3.5 Bcf per day. ¹² About half of this capacity involves interconnections to the system of Pemex Gas (in the state of Sonora) and the other half of the capacity is connected to other natural gas companies in northern Mexico (Sempra in Baja California and Gasoductos de Chihuahua in Chihuahua).

Completion of several pipeline projects in the early part of this decade facilitated the dramatic increase in U.S. export volumes. However, cross-border pipeline capacity additions slowed considerably, with no new pipelines constructed between the two countries in 2006 or 2007.

Exports equaling 92 Bcf at the U.S.-Mexican border town of Ogilby, California, on the North Baja Pipeline accounted for about 31 percent of U.S. flows to Mexico. Volumes at the Ogilby border point were the highest of any point of entry into Mexico. Through the border point located at Clint, Texas, exports totaled 84 Bcf (18 percent more than 2006), with transport occurring on El Paso Corporation's Samalayuca Pipeline. Deliveries across the border point in Roma, Texas, on Kinder Morgan's Mier-Monterrey Pipeline, were 23 Bcf, or approximately 3 Bcf higher than the previous year. Construction of the Mier-Monterrey Pipeline was completed in March 2003. However, deliveries through Tennessee Gas Pipeline at Rio Bravo, Texas, decreased 6 Bcf to a total of 55 Bcf.

The balance of trade between the United States and Mexico in 2007 was also affected by U.S. imports from Mexico, although these occur on a considerably smaller scale than flows in the reverse direction. The United States imported 54 Bcf from Mexico in 2007, which was more than 4 times the volume imported the previous year. Supplies were imported through three separate border points in Texas, with the largest import total (26.6 Bcf) occurring at the McAllen, Texas, border crossing.

The average price of U.S. pipeline exports to Mexico during the year was \$6.60 per Mcf (\$6.60 per MMBtu), which was 2.2 percent higher than the average price in 2006. The value of U.S. export trade with Mexico was \$1.9 billion, a decrease of \$154 million, or 7.4 percent, from the previous year.

U.S. LNG Trade

U.S. LNG imports in 2007 totaled the equivalent of 771 Bcf of natural gas in gaseous form. This volume was 32 percent higher than the volume in 2006 and 18 percent more than the previous record of 652 Bcf in 2004. LNG imports have substantially increased since earlier this decade, but growth has been uneven from year to year. In fact, the record volume in 2007 followed annual decreases in 2005 and 2006. In addition, there was significant variation in the pace of deliveries during the course of 2007, as LNG suppliers in August began re-directing volumes to other parts of the world in response to higher prices. LNG deliveries declined in each of the remaining months of 2007.

During 2007, there were five LNG import terminals operating in the continental United States. Southern Union Company's Trunkline LNG terminal in Lake Charles, Louisiana, received the largest volume of any U.S. terminal with receipts totaling 251 Bcf. The facility owned by Suez Energy North America, Inc., in Everett, Massachusetts, received the second-biggest volume at 184 Bcf. El Paso Corporation's Southern LNG facility on Elba Island, Georgia, received 170 Bcf in 2007, while Dominion's Cove Point LNG facility on the Chesapeake Bay in Maryland received 148 Bcf. Excelerate Energy's Gulf Gateway port offshore Gulf of Mexico received 17 Bcf.

Although shipments to the Everett and Elba Island facilities were relatively constant during the year, the offshore Gulf Gateway port and the Lake Charles and Cove Point facilities all received LNG shipments primarily during the spring and summer (Figure 7). The pattern of U.S. LNG imports reflects the vicissitudes of global supply and demand. The mid-year increase in deliveries occurred at a time of relatively low demand for LNG in other parts of the world. As foreign demand increased during the fall and into winter, U.S. LNG imports declined significantly as available global supplies were bid away by other countries. In fact, the lowest monthly total for LNG imports in 2007 occurred in December, when the United States received 21 Bcf. This was equivalent to 21 percent of the peak month deliveries of 99 Bcf in April 2007.

LNG imports during the year came from six source countries, compared with just four in 2006. Deliveries from Trinidad and Tobago, representing 58 percent of all LNG deliveries, totaled 448 Bcf, about 58 Bcf more than in the previous year. The Atlantic LNG facility, located in Port Fortin, Trinidad and Tobago, now has four operational trains, the newest of which is the largest in the world with the capacity to liquefy 240 Bcf per year. ¹⁴ In total, Atlantic LNG has a production capacity of 15 tons per year (720 Bcf).

Egypt, which only started exporting LNG in 2005, exported a total of 115 Bcf to the United States in 2007, which was down slightly from the previous year volume of 120 Bcf.

Energy Information Administration, Gas Transportation Information System, Natural Gas Pipeline Capacity Database.

¹³ The heat content of natural gas delivered to Mexico from the United States is generally lower than the average heat content of U.S. domestic production at 1,000 British thermal units per cubic foot of natural gas.

 $^{^{14}}$ Conversion based from reported 5 million tons per year was based on a ratio of 48 Bcf of natural gas in gaseous form per 1 million tons of LNG.

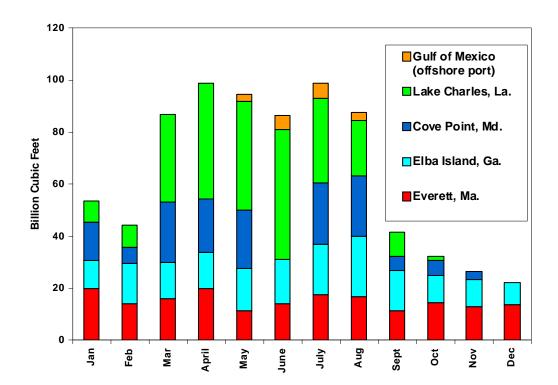


Figure 7. LNG Imports by Terminal and Month, 2007

Source: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports, DOE/FE-0521* (Washington DC, April 2008), web site www.fe.doe.gov.

Nigeria was the source country for the third-largest volume of U.S. LNG imports. U.S. imports from Nigeria increased from 57 Bcf in 2006 to 95 Bcf in 2007, because of increased capacity at the country's liquefaction facility on Bonny Island. Algerian LNG production also increased in 2007 in comparison with 2006, leading to U.S. imports from this country growing more than fourfold in volume to 77 Bcf. Qatar and Equatorial Guinea (a new LNG-exporting country in 2007) each exported 18 Bcf of LNG to the United States.

Although numerous companies have announced intentions to participate in the emerging international trade of LNG with the United States, the number of companies that have actually imported LNG in recent years has been few and relatively unchanged. Through its BG LNG Services subsidiary, BG Group in 2007 imported the largest volume of LNG (422 Bcf), accounting for about 55 percent of overall LNG imports. Suez North America's entire throughput (184 Bcf) was sourced in Trinidad and Tobago and imported through its Everett terminal. The combined total for the three next largest importers was less than the Suez volume. BP (55 Bcf), Statoil (52 Bcf), and Shell (42 Bcf) all imported LNG solely through the Cove Point LNG facility. Lastly, Excelerate Energy imported 17 Bcf through its Gulf Gateway terminal offshore Gulf of Mexico.

Although prices for LNG in the global market are often set through long-term contracts of 20 or more years in length and are often tied to the price of oil, prices for U.S. LNG imports are usually set on a short-term basis. In 2007, the United States received cargos carrying a total 404 Bcf through short-term authorizations from the U.S. Department of Energy's Office of Fossil Energy. Although price considerations are not uniform for all these short-term LNG imports, many purchase prices appear pegged to U.S. domestic prices, particularly prices at the Henry Hub.

The average price for LNG imports in 2007 was highest (based on heat content) for supplies from Trinidad and Tobago at \$6.80 per MMBtu (or \$7.14 per Mcf). LNG from Algeria was delivered at an average price of \$6.58 per MMBtu (or \$7.17 per Mcf).), which was the second-highest price received for LNG by any source country. On average, the price of LNG imported to the United States was \$6.69 per MMBtu (\$7.07 per Mcf), which was similar to the average price of \$6.70 per MMBtu (\$6.83 per Mcf) for imports to the United States by pipeline.

Although LNG imports reached historical highs in 2007, they still represented only about 3.7 percent of U.S. consumption and slightly less than 17 percent of U.S. gross imports. Moreover, very sparse deliveries in the second half of 2007 highlighted the extreme competition that has developed for LNG supplies. Beginning in September 2007, the global LNG market was characterized by limited supply availability, strong world demand, and high prices. As a result, U.S. LNG imports declined dramatically in subsequent months as

buyers in other countries have consistently demonstrated a willingness to pay more than U.S. market prices for cargos.

The scarcity of LNG supplies on the world market followed delays in global supply expansion that had been expected in the latter half of 2007, including the ramping up of new projects in Norway and Qatar. Additionally, maintenance of existing infrastructure for the production and export of LNG significantly reduced output. In November 2007, Norway's Snohvit facility, with production capacity of 200 Bcf per year was closed because of water leakage. In late January 2008 it began producing again at approximately 60 percent capacity utilization. ¹⁵

At the same time, Japan and South Korea, the largest LNG-consuming countries in the world, significantly stepped up purchasing activity. Both are projected to have relatively slow consumption growth for natural gas overall, but both are almost entirely dependent on LNG to meet their natural gas demand. Thus, any natural gas demand growth or market disruptions may significantly affect the global LNG market. Japan started increasing LNG imports in July 2007 to make up for the temporary closure of its 8-gigawatt Kashiwazaki-Kariwa nuclear plant following damage caused by an earthquake.

Despite intense competition and very high prices for LNG supplies during the second half of 2007, companies in the Lower 48 States continued progress toward the construction of new LNG terminals. To date in 2008, these efforts have resulted in the opening of three new LNG import facilities: Sabine Pass LNG, L.P., located in Cameron Parish, Louisiana; Freeport LNG L.P., located on Quintana Island, Texas; and Excelerate Energy LLC's Northeast Gateway terminal sited offshore Massachusetts. A fourth LNG facility, Cameron LNG, located on Lake Charles, Louisiana, began construction in late 2005 and expects to begin commercial operations in 2009. By the first quarter 2009, total U.S. capacity to receive LNG imports is expected to exceed 11 Bcf per day.

Conclusion

Foreign trade in natural gas is an important part of U.S. supplies. Net imports in 2007 were at an all-time high of 3,785 Bcf. Growth in the LNG sector of U.S. natural gas supply continued in 2007 as the United States imported a record 771 Bcf. However, a severe reduction in U.S. LNG imports in the second half of the year was recorded as other countries offered higher prices and bid away cargos from the United States. U.S. net imports by pipeline from Canada reversed a 1-year downturn, but rose only slightly to 3,301 Bcf. Meanwhile, pipeline exports to Canada continued to expand, further evidence of an increasingly integrated North American marketplace.

¹⁵ "Snohvit Hits Second Snag," *World Gas Intelligence*. (April 2, 2008), p.5.

Data Sources:

Data for 1995 through 2007 are based on company filings made with the U.S. Department of Energy, Office of Fossil Energy, but may be the result of adjustments by the Energy Information Administration during review and comparison with data from EIA's *Natural Gas Monthly* and *Natural Gas Annual*. The Office of Fossil Energy filings report data on a monthly level and are received quarterly. The Office of Fossil Energy collects these data as part of its regulatory oversight responsibilities. These data are published by the Office of Fossil Energy in the quarterly report, *Natural Gas Imports and Exports* (DOE/FE-0360). Data related to pipeline and terminal capacities were obtained from the Energy Information Administration, Office of Oil and Gas, as well as from trade press, companies, and industry sources.

Data for 1994 and earlier years were obtained from EIA Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas," which was discontinued in 1995. The data reported on Form FPC-14 represented physical movements of natural gas, whereas the data collected by the Office of Fossil Energy are reported on an equity (sales) basis. For 1994 and earlier years, comparisons of the information in this article (physical movements) with the information reported by the Office of Fossil Energy (sales) may show differences because reporting requirements were different. Further information about how import and export data are collected is provided in the *Natural Gas Monthly*, Appendix B, "Data Sources."

Table SR1. Historical Summary of U.S. Natural Gas Net Imports, 1955-2007 (Million Cubic Feet)

Year	Total Imports	Total Exports	Net Imports	Total Consumption	Net Imports as Percentage of Total Consumption
	40.000	04.000		0.000.057	
955	10,888	31,029		8,693,657	
956	10,380	35,963		9,288,865	
957	37,941	41,655		9,846,139	
958	135,797	38,719	97,078	10,302,608	0.94
959	133,990	18,413	115,577	11,321,181	1.02
300	100,000	10,110	110,011	11,021,101	1.02
260			11,332 144,314		1.21
960	,		, -	11,966,537	
961	218,860	10,747	208,113	12,489,268	1.67
962	401,534	15,814	385,720	13,266,513	2.91
963	406,204	16,957	389,247	13,970,229	2.79
64	443,326	19,603	423,723	14,813,808	2.86
65	456,394	26,132	430,262	15,279,716	2.82
966	479,780	24,639	455,141	16,452,403	2.77
67	564,226	81,614	482,612	17,388,360	2.78
					3.00
68	651,885	93,745	558,140	18,632,062	
69	726,951	51,304	675,647	20,056,240	3.37
		00.040		04.400.000	
70	820,780	69,813	750,967	21,139,386	3.55
71	934,548	80,212	854,336	21,793,454	3.92
72	1,019,496	78,013	941,483	22,101,452	4.26
73	1,032,901	77,169	955,732	22,049,363	4.33
74	959,284	76,789	882,495	21,223,133	4.16
		,	,	,,	
75	953,008	72,675	880,333	19.537.593	4.51
76	963,768	64,711	899,057	19,946,496	4.51
77	1,011,002	55,626	955,376	19,520,581	4.89
78	965,545	52,532	913,013	19,627,478	4.65
79	1,253,383	55,673	1,197,710	20,240,761	5.92
980	984,767	48,731	936,036	19,877,293	4.71
81	903,949	59,372	844,577	19,403,858	4.35
982	933,336	51,728	881,608	18,001,055	4.90
83	918,407	54,639	863,768	16,834,914	5.13
84	843,060	54,753	788,307	17,950,524	4.39
04	043,000	54,755	700,507	17,950,524	4.00
85	949,715	55,268	894,447	17,280,943	5.18
986	750,449	61,271	689,178	16,221,296	4.25
87	992,532	54,020	938,512	17,210,809	5.45
88	1,293,812	73,638	1,220,174	18,029,588	6.77
89	1,381,520	106,871	1,274,648	18,800,826	6.78
90	1,532,259	85,565	1,446,694	18,715,090	7.73
91	1,773,313	129,244	1,644,068	19,035,156	8.64
92	2,137,504	216,282	1,921,222	19,544,364	9.83
93	2,350,115	140,183	2,209,931	20,279,095	10.90
94	2,623,839	161,738	2,462,101	20,707,717	11.89
05	2 0 4 4 0 4 0	454.440	2 696 020	24 500 665	40.45
95	2,841,048	154,119	2,686,929	21,580,665	12.45
96	2,937,413	153,393	2,784,020	21,966,616	12.67
97	2,994,173	157,006	2,837,167	22,737,342	12.48
98	3,152,058	159,007	2,993,051	22,245,956	13.45
99	3,585,505	163,415	3,422,090	22,405,151	15.27
	. ,	•			
00	3,781,603	243,716	3,537,887	23,333,121	15.16
01	3,976,939	373,278	3,603,661	22,238,624	16.20
002	4,015,463	516,233	3,499,230	23,007,017	15.21
003	3,943,749	679,922	3,263,827	22,276,502	14.65
004	4,258,558	854,138	3,404,421	22,388,975	15.21
	4.04				
05	4,341,034	728,601	3,612,434	22,010,596	16.41
		702.050	2 462 222	R21,652,886	15.99
06	4,186,281	723,958	3,462,323	21,002,000	13.99

" Not applicable.

R = Revised data.

Notes: Totals may not equal sum of components due to independent rounding.

Geographic coverage is the continental United States including Alaska.

Sources: Total Consumption: Historical Natural Gas Annual for 1955 through 2002; Natural Gas Monthly, August 2008, for 2003 through 2007. All Other Data: 1955-1971: Federal Power Commission, informally collected by letter. 1972-1994: Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas."
1995 to present: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports.

Table SR2. Summary of U.S. Natural Gas Imports, 2006-2007

		Volume		Avera	ge Btu	Reve	nue			Avera	age Price		
Source	(million co	ubic feet)	Percent	(cubic	foot)	(thousand	l dollars)	(doll thousan	d cubic	Percent	(dollars/mi	llion btu)	Percent
	2006	2007	Change	2006	2007	2006	2007	2006	2007	Change	2006	2007	Change
Pipeline													
Canada	3,589,995	3,782,708	5.37	1,019	1,019	24,526,030	25,850,68	1 6.8	3 6.8	3 0.03	3 6.70	6.71	.03
Mexico	12,749	54,062	324.06	1,000	1,000	72,058	354,05	3 5.6	5 6.5	5 15.8	7 5.65	6.55	15.87
Total	3,602,744	3,836,770	6.50	1,019	1,019	24,598,088	26,204,73	4 6.8	3 6.8	3 0.0	3 6.70	6.70	.03
LNG													
Algeria	17,449	77,299	343.01	1,090	1,090	148,032	554,17	3 8.4	8 7.1	7 -15.50	7.78	6.58	-15.5
Egypt	119,528	114,580	-4.14	1,040	1,040	813,247	782,25	1 6.8	0 6.8	3 0.3	4 6.54	6.56	.34
Equatorial Guinea	0	17,795			1,065	C	112,43	7 .	6.3	2 -		5.93	
Nigeria	57,292	95,028	65.87	1,110	1,110	388,321	669,80	6 6.7	8 7.0	5 3.99	9 6.11	6.35	3.99
Qatar	0	18,352		1,125	1,125	C	133,19	5 -	7.2	6 -		6.45	
Trinidad and Tobago.	389,268	447,758	15.03	1,051	1,051	2,848,741	3,198,76	3 7.3	2 7.1	4 -2.3	6.96	6.80	-2.38
Total	583,537	770,812	32.09	1,056	1,063	4,198,341	5,450,62	4 7.1	9 7.0	7 -1.7	1 6.81	6.69	-1.84
Grand Total	4,186,281	4,607,582	10.06	1,024	1,026	R28,796,429	31,655,35	9 6.8	8 6.8	7 -0.12	2 6.72	6.70	22

⁻ Not applicable.

R = Revised data.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska. Prices for LNG imports are reported as "landed," defined as received at the terminal. **Source:** Energy Information Administration based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports.*

Table SR3. Summary of U.S. Natural Gas Exports, 2006-2007

		Volume		Avera	ge Btu	Reve	enue			Aver	age Price		
Source	(million c	ubic feet)	Percent	(cubic	foot)	(thousand	d dollars)	thousa	llars/ nd cubic et)	Percent	(dollars/m	nillion btu)	Percent
	2006	2007	Change	2006	2007	2006	2007	2006	2007	Change	2006	2007	Change
Pipeline													
Canada	341,065	482,196	41.38	1,019	1,019	R2,497,555	3,459,307	R7.32	7.17	-2.03	7.19	7.04	-2.03
Mexico	321,955	291,773	-9.37	1,000	1,000	2,079,755	1,926,253	6.46	6.60	2.20	6.46	6.60	2.2
Total	663,020	773,969	16.73	1,010	1,012	R4,577,310	5,385,561	^R 6.90	6.96	0.79	6.84	6.90	.87
LNG													
Canada	0	2	<u></u>		1,000	0	20		12.07			12.07	
Japan	60,765	46,501	-23.47	1,010	1,010	364,494	277,774	6.00	5.97	-0.41	5.94	5.91	41
Mexico	173	87	-49.69	1,000	1,000	2,319	1,158	13.40	13.30	-0.75	13.40	13.30	75
Russia	0	1,895	·		1,010	0	22,967		12.12			12.00	
Total	60,938	48,485	-20.44	1,010	1,010	366,813	301,920	6.02	6.23	3.45	5.96	6.17	3.45
Grand Total	723,958	822,454	13.61	1,010	1,012	R4,944,123	5,687,480	^R 6.83	6.92	1.26	6.76	6.85	1.34

Not applicable.
R = Revised data.

Source: Energy Information Administration based on data from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

Table SR4. Historical Summary of U.S. Natural Gas Imports, 1955-2007

					Imports From				
Year	Pipe	line				LNG			
	Canada	Mexico	Algeria	Australia	Brunei	Canada	Egypt	Equatorial Guinea	Indonesia
1055	40.004	_	•		•		•	•	•
1955	10,881	7	0	0	0	0	0	0	0
1956	10,374	6	0	0	0	0	0	0	0
1957	20,971	16,970	0	0	0	0	0	0	0
1958	89,586	46,211	0	0	0	0	0	0	0
1959	83,061	50,929	0	0	0	0	0	0	0
1960	108,657	46,989	0	0	0	0	0	0	0
1961	167,104	51,756	0	0	0	0	0	0	0
1962	350,438	51,096	0	0	0	0	0	0	0
1963	356,455	49,749	0	0	0	0	0	0	0
1964	390,721	52,605	0	0	0	0	0	0	0
1965	404,686	51,708	0	0	0	0	0	0	0
1966	430,189	49,591	0	0	0	0	0	0	0
1967	513,255	50,971	0	0	0	0	0	0	0
1968	604,462	47,423	0	Ō	0	Ō	0	Ö	Ö
1969	680,106	46,845	Ö	Ö	Ö	0	Ö	0	0
1070	770 607	44.226	757	0	0	0	0	0	0
1970	778,687	41,336	757		0	0	0	0	0
1971	910,926	20,689	1,433	0	0	1,500	0	0	0
1972	1,009,093	8,140	2,032	0	0	230	0	0	0
1973	1,027,216	1,632	3,388	0	0	667	0	0	0
1974	959,063	222	0	0	0	0	0	0	0
1975	948,115	0	4,893	0	0	0	0	0	0
1976	953,613	0	10,155	0	0	0	0	0	0
1977	996,723	2,384	11,324	0	0	572	0	0	0
1978	881,123	0	84,422	0	0	0	0	0	0
1979	1,000,775	0	252,608	0	0	0	0	0	0
1980	796,507	102,410	85,850	0	0	0	0	0	0
1981	762,107	105,013	36,824	Ō	0	6	0	Ö	Ö
1982	783,407	94,794	55,136	Ő	Ő	Ö	Ö	Ö	Ö
1983	711,923	75,361	131,124	ő	ő	Ő	Ö	ő	Ö
1984	755,368	51,502	36,191	Ö	Ö	0	Ö	Ö	0
1985	926,056	0	22 650	0	0	0	0	0	0
		0	23,659	0		0	0	0	
1986	748,780		0		0		0		1,669
1987	992,532	0	0	0	0	0		0	0
1988	1,276,322	0	17,490	0	0	0	0	0	0
1989	1,339,357	0	42,163	0	0	0	0	0	0
1990	1,448,065	0	84,193	0	0	0	0	0	0
1991	1,709,716	0	63,596	0	0	0	0	0	0
1992	2,094,387	0	43,116	0	0	0	0	0	0
1993	2,266,751	1,678	81,685	0	0	0	0	0	0
1994	2,566,049	7,013	50,778	0	0	0	0	0	0
1995	2,816,408	6,722	17,918	0	0	0	0	0	0
1996	2,883,277	13,862	35,325	Ō	0	0	0	0	Ō
1997	2,899,152	17,243	65,675	9,686	Ö	Ö	Ö	Ö	Ö
1998	3,052,073	14,532	68,567	11,634	Ö	Ö	Ö	Ö	Ö
1999	3,367,545	54,530	75,763	11,904	0	0	0	0	0
2000	2.542.000	11 601	46.047	E 04E	0	0	0	0	2.760
20002001	3,543,966	11,601	46,947 64,945	5,945 2,394	0	0 0	0	0 0	2,760 0
	3,728,537	10,276	64,945 26,584			0	0		
2002	3,784,978	1,755	26,584 53,423	0	2,401			0	0
2003	3,437,230	0	53,423	0 14,990	0	0 0	0	0	0
2004	3,606,543	U	120,343	14,990	U	U	U	U	U
2005	3,700,454	9,320	97,157	0	0	0	72,540	0	0
2006 2007	3,589,995	12,749	17,449	0	0	0	119,528	0	0
	3,782,708	54,062	77,299	0	0	0	114,580	17,795	0

Table SR4. Historical Summary of U.S. Natural Gas Imports, 1955-2007

	•			Imports From					
Year				LNG				Total	Average
I eai	Malaysia	Nigeria	Oman	Qatar	Trinidad and Tobago	United Arab Emirates	Other ^a	- Imports ^b	Price
			•	•				40.000	
1955	0	0	0	0	0	0	0	10,888	NA
1956	0	0	0	0	0	0	0	10,380	NA
1957	0	0	0	0	0	0	0	37,941	NA
1958	0	0	0	0	0	0	0	135,797	NA
1959	0	0	0	0	0	0	0	133,990	NA
1960	0	0	0	0	0	0	0	155,646	NA
1961	0	0	0	0	0	0	0	218,860	NA
1962	0	0	0	0	0	0	0	401,534	NA
1963	0	0	0	0	0	0	0	406,204	NA
1964	0	0	0	0	0	0	0	443,326	NA
1965	0	0	0	0	0	0	0	456,394	NA
1966	0	0	0	0	0	0	0	479,780	NA
1967	0	0	0	0	0	0	0	564,226	NA
1968	0	0	0	0	0	0	0	651,885	NA
1969	0	0	0	0	0	0	0	726,951	NA
1970	0	0	0	0	0	0	0	820,780	NA
1971	ő	0	0	Ö	0	Ő	Ő	934,548	NA NA
1972	ő	0	0	Ö	0	ő	ő	1,019,496	0.31
1973	ő	0	0	ő	0	Ő	ő	1,032,901	0.35
1974	Ö	ő	ő	ő	ő	Ő	Ő	959,284	0.55
1075	0	0	0	0	0	0	0	052.000	1.01
1975 1976	0	0	0	0	0	0	0	953,008	1.21
	0	0 0	0	0	0	0	0	963,768	1.72
1977	0	0	0 0	0	0 0	0 0	0	1,011,002	1.98
1978 1979	0 0	0	0	0	0	0	0	965,545 1,253,383	2.13 2.49
	_	_	_	_		_	_		
1980	0	0	0	0	0	0	0	984,767	4.28
1981	0	0	0	0	0	0	0	903,949	4.88
1982	0	0	0	0	0	0	0	933,336	5.03
1983 1984	0 0	0 0	0 0	0	0 0	0 0	0	918,407 843,060	4.78 4.08
1904	O	O	U	O	U	U	U	043,000	4.00
1985	0	0	0	0	0	0	0	949,715	3.21
1986	0	0	0	0	0	0	0	750,449	2.43
1987	0	0	0	0	0	0	0	992,532	1.95
1988	0	0	0	0	0	0	0	1,293,812	1.84
1989	0	0	0	0	0	0	0	1,381,520	1.82
1990	0	0	0	0	0	0	0	1,532,259	1.94
1991	0	0	0	0	0	0	0	1,773,313	1.83
1992	0	0	0	0	0	0	0	2,137,504	1.85
1993	0	0	0	0	0	0	0	2,350,115	2.03
1994	0	0	0	0	0	0	0	2,623,839	1.87
1995	0	0	0	0	0	0	0	2,841,048	1.49
1996	0	0	0	0	0	4,949	0	2,937,413	1.97
1997	0	0	0	0	0	2,417	0	2,994,173	2.17
1998	0	Ő	0	ő	0	5,252	ő	3,152,058	1.97
1999	2,576	ő	ő	19,697	50,777	2,713	Ő	3,585,505	2.24
2000	0	10.654	0.000	46 OE7	00.040	0.705	0	2 704 600	2.05
2000	0	12,654	9,998	46,057	98,949	2,725	0	3,781,603	3.95
2001	0	37,966	12,055	22,758	98,009	0	0	3,976,939	4.43
2002	2,423	8,123 50.067	3,013	35,081	151,104	0 0	0 0	4,015,463	3.15 5.17
2003	2,704	50,067	8,632	13,623	378,069 462 100	0		3,943,749	5.17 5.91
2004	19,999	11,818	9,412	11,854	462,100	U	1,500	4,258,558	5.81
2005	8,719	8,149	2,464	2,986	439,246	0	0	4,341,034	8.12
2006	0	57,292	0	0	389,268	0	0	4,186,281	6.88
2007	0	95,028	0	18,352	447,758	0	0	4,607,582	6.87

 $^{^{\}mathbf{a}}$ The point of origin for volumes of imported LNG was unassigned in the reports to

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska. Prior to 2003, prices for LNG imports may be reported as either "landed," defined as received at the terminal or "tailgate," defined as regasification at the terminal. For 2003 through 2007, all prices for LNG imports are reported as "landed."

Sources: 1955-1971: Federal Power Commission, informally collected by letter.

1972-1994: Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." 1995 to present: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and*

the Office of Fossil Energy.

Volumes reported for 1966 through 1997 are on a pressure base of 14.73 pounds per square inch absolute and 60 degrees Fahrenheit. Volumes for 1955 through 1965 are as reported.

NA Not available.

Table SR5. Historical Summary of U.S. Natural Gas Exports, 1955-2007

			Expo	rts to				
Year	Pipe	line		LI	NG		Total Exports	Average Price
	Canada	Mexico	Canada	Japan	Mexico	Russia		
1955	11,467	19,562	0	0	0	0	31,029	NA
1956	16,819	19,144	Ö	0	Ō	0	35,963	NA
1957	30,867	10,788	Ö	0	Ō	0	41,655	NA
1958	32,129	6,590	Ö	Õ	Ö	Õ	38,719	NA
1959	11,739	6,674	0	Ő	0	0	18,413	NA NA
1960	5,759	5,573	0	0	0	0	11,332	NA
1961	5,577	5,170	0	0	0	0	10,747	NA
1962	5,574	10,240	0	0	0	0	15,814	NA
1963	6,879	10,078	0	0	0	0	16,957	NA
1964	9,763	9,840	0	Ö	0	0	19,603	NA
1965	17,979	8,153	0	0	0	0	26,132	NA
1966	20,281	4,358	0	0	0	0	24,639	NA
1967	70,456	11,158	Ö	Õ	Ö	Ő	81,614	NA
1968	81,647	12,098	ő	Ő	Ö	ő	93,745	NA
1969	34,931	13,391	0	2,982	0	0	51,304	NA NA
1970	10,878	14,678	0	44,257	0	0	69,813	NA
1971	14,349	15,632	0	50,231	0	0	80,212	NA
1972	15,553	14,579	0	47,882	0	0	78,013	0.51
1973	14,824	13,999	Ö	48,346	Ō	0	77,169	0.54
1974	13,263	13,268	0	50,258	0	0	76,789	0.72
1975	10,219	9,454	0	53,002	0	0	72,675	1.25
1976	7,506	7,425	0	49,779	0	0	64,711	1.55
1977	31	3,940	Ö	51,655	0	0	55,626	1.92
1978	66	4,033	Ö	48,434	Ö	Ő	52,532	2.13
1979	76	4,308	0	51,289	ő	Ö	55,673	2.29
1980	113	3,886	0	44,732	0	0	48,731	4.70
1981	106	3,337	0	55,929	0	0	59,372	5.90
1982	162	1,705	0	49,861	0	0	51,728	5.81
1983	136	1,646	Ö	52,857	Ō	0	54,639	5.10
1984	127	1,786	0	52,840	0	0	54,753	4.92
1985	178	2,207	0	52,883	0	0	55,268	4.77
1986	9,203	1,896	0	50,172	0	0	61,271	2.81
1987	3,297	2,125	0	48,599	0	0	54,020	3.07
1988	19,738	2,327	0	51,573	Ō	0	73,638	2.74
1989	38,443	17,004	0	51,424	0	0	106,871	2.51
1990	17,359	15,659	0	52,546	0	0	85,565	3.10
1991	14,791	60,448	0	54,005	0	0	129,244	2.59
1992	67,777	95,973	Ö	52,532	Ō	0	216,282	2.25
1993	44,518	39,676	0	55,989	0	0	140,183	2.59
1994	52,556	46,500	0	62,682	0	0	161,738	2.50
1995	27,554	61,283	0	65,283	0	0	154,119	2.39
1996	51,905	33,840	0	67,648	0	0	153,393	2.97
1997	56,447	38,372	0	62,187	0	0	157,006	3.02
1998	39,891	53,133	Ö	65,951	33	0	159,007	2.45
1999	38,508	61,025	0	63,607	275	0	163,415	2.61
2000	72,586	105,102	0	65,610	418	0	243,716	4.10
2001	166,690	140,370	0	65,753	465	0	373,278	4.19
2002	189,313	263,078	0	63,439	403	0	516,233	3.41
2003	270,988	342,859	0	65,698	376	0	679,922	5.54
2004	394,585	397,086	0	62,099	368	0	854,138	6.09
2005	358,280	304,954	0	65,124	242	0	728,601	7.59
2006	341,065	321,955	0	60,765	173	0	723,958	6.83
2007	482,196	291,773	2	46,501	87	1,895	822,454	6.92
	- /	, -		-,		,	, -	

NA Not available

exports to Mexico are shipped by truck.

Sources: 1955-1971: Federal Power Commission, informally collected by letter.

1972-1994: Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." 1995 to present: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports.*

Notes: Totals may not equal sum of components due to independent rounding.

Geographic coverage is the continental United States including Alaska. LNG
exports to Mexico are shipped by truck

Table SR6. U.S. Natural Gas Imports by Point of Entry, 2006-2007

	2007											
Point of	Т	otal	Dec	ember	Nove	ember	Oc	tober				
Entry	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price				
Pipeline								-1				
Canada												
Pacific Northwest												
Sumas, WA	254,086	6.61	29,652	7.78	24,372	7.47	24,635	6.11				
West		2.24			00.400			= 00				
Eastport, ID Midwest	704,429	6.31	68,801	6.82	60,169	6.65	64,802	5.93				
Babb, MT	4,580	6.46	2	5.88	568	6.40	72	6.44				
Detroit. MI	81	8.28	0		0		0					
Marysville, MI	876	7.59	876	7.59	Ő		Ö					
Noves, MN	499,863	6.72	54,965	7.32	43,345	7.08	36,408	6.23				
Port of del Bonita, MT	152	6.86	12	7.94	12	7.79	13	7.34				
Port of Morgan, MT	763,912	6.67	73,032	7.36	60,667	6.93	65,998	6.13				
Portal, ND	34	7.45	73,032	10.54	1	10.40	05,990	11.21				
Sherwood, ND ^a	465.939	6.75	39.207	7.38	37,970	6.90	37.744	6.24				
St. Clair, MI	9,633	6.97	1,234	7.22	763	6.01	1,542	6.65				
Sweetgrass, MT	1,539	6.12	118	6.57	122	6.38	121	6.11				
Warroad, MN	4,813	6.75	524	6.93	431	6.95	346	6.11				
Whitlash, MT	8,945	6.00	796	6.54	751	6.34	690	5.65				
Total	1,760,368	6.70	170,767	7.35	144,630	6.96	142,935	6.19				
Northeast	1,700,300	0.70	170,707	7.55	144,030	0.30	142,333	0.13				
Calais, ME	106,643	7.57	10,212	9.61	9,490	7.35	8,669	6.59				
Champlain, NY	17,666	5.23	1,577	5.33	1,450	5.33	1,205	5.07				
Grand Island, NY	88,886	7.41	10,193	7.83	5,339	7.77	4,963	6.92				
Highgate Springs, VT	8,021	8.51	1.243	9.18	914	8.34	492	7.58				
Massena, NY	6.887	7.78	901	8.48	655	8.17	395	7.41				
Niagara Falls, NY	356,529	7.76	29,548	7.91	25,339	7.79	29,206	6.86				
Pittsburg, NH	56,879	7.52	7,795	7.97	3,903	7.84	3,836	6.92				
Waddington, NY	422,315	7.57	41,455	8.08	34,805	8.01	32,547	6.97				
Total	1,063,825	7.45	102,922	8.12	81,895	7.80	81,313	6.86				
Total (Canada)		6.83	372,142	7.50	311,065	7.16	313,685	6.31				
Total (Janada)	3,702,700	0.00	372,142	7.50	311,003	7.10	313,003	0.01				
Mexico												
Texas												
Alamo, TX	22,197	6.71	1,765	6.67	1,435	6.10	883	6.49				
Hidalgo, TX	5,259	6.23	320	6.54	0		0					
McAllen, TX	26,605	6.48	1,891	6.58	1,568	5.84	718	6.17				
Total (Mexico)	54,062	6.55	3,976	6.62	3,003	5.96	1,601	6.35				
Total Pipeline	3,836,770	6.83	376,118	7.49	314,068	7.15	315,286	6.31				
LNO												
LNG Culf of Maxino	17.050	0.00	0		0		0					
Gulf of Mexico Lake Charles, LA	17,259 251.455	8.36 6.88	0		0		1.451	6.30				
Cove Point. MD	251,455 148,231	6.88 7.26	0		2.973	7.56	1,451 5.818	6.30 6.85				
			-			7.56 8.42	14,093	6.85 7.23				
Everett, MA	183,624 170,243	7.32 6.70	16,067	8.04	13,024							
Elba Island, GA	770,243	6.79 7.07	4,759	7.24 7.86	10,542	7.30 7.88	10,576	6.39 6.84				
Total LNG	110,012	1.01	20,826	7.00	26,539	1.00	31,939	0.04				
Total Imports	4,607,582	6.87	396,945	7.51	340,607	7.21	347,224	6.35				

Table SR6. U.S. Natural Gas Imports by Point of Entry, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

	2007												
Point of	Sep	tember	Αι	igust	J	uly	J	une					
Entry	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price					
Pipeline		-1				1		•					
Canada													
Pacific Northwest													
Sumas, WA	21,923	5.15	21,856	5.38	21,155	5.92	16,245	6.87					
West													
Eastport, ID	60,488	5.11	61,225	5.24	61,989	6.00	55,084	6.74					
Midwest													
Babb, MT		5.01	148	4.89	467	5.61	803	6.33					
Detroit, MI			0		0		0						
Marysville, MI			0		0		0						
Noyes, MN		5.39	40,217	5.75	37,839	6.38	32,414	7.17					
Port of del Bonita, MT		5.98	13	5.88	13	7.01	13	6.95					
Port of Morgan, MT		5.28	72,079	6.03	67,589	6.35	64,095	7.20					
Portal, NDSherwood, ND ^a	0 37,889	11.21 5.36	0 38,790	11.21 5.79	0 37,578	11.21 6.51	0 38,120	11.16 7.33					
St. Clair, MI		6.28	1,053	5.79 6.45	37,578 604	7.14	36,120 227	7.33 7.51					
Sweetgrass, MT		4.98	120	4.88	126	5.23	130	6.24					
Warroad, MN		5.19	287	5.58	256	6.24	300	7.02					
Whitlash, MT		4.71	799	4.87	746	5.61	733	6.33					
Total		5.33	153,506	5.89	145,218	6.40	136,835	7.22					
Northeast	100,000	0.00	100,000	0.00	140,210	0.40	100,000	7.22					
Calais, ME	10,576	6.01	10,766	6.44	9,582	6.71	8,796	7.70					
Champlain, NY		5.05	1,501	5.06	1.482	5.05	1,448	5.06					
Grand Island, NY		5.96	7,181	6.38	4,347	6.91	4,434	7.91					
Highgate Springs, VT		6.51	338	7.28	332	8.17	345	9.06					
Massena, NY		5.68	358	5.78	350	6.20	312	6.83					
Niagara Falls, NY		5.97	34,705	6.51	29,853	7.03	29,434	7.96					
Pittsburg, NH	3,127	5.93	6,698	6.55	4,514	6.86	4,085	7.85					
Waddington, NY	34,285	6.12	36,571	6.64	36,029	7.16	34,191	8.00					
Total	84,966	6.02	98,118	6.52	86,489	7.00	83,045	7.89					
Total (Canada)	317,767	5.46	334,705	5.92	314,851	6.45	291,209	7.30					
Mexico													
Texas													
Alamo, TX		5.90	1,622	6.34	2,275	6.04	1,532	7.11					
Hidalgo, TX		5.33	54	5.26	507	5.81	0						
McAllen, TX		5.31	2,682	5.80	2,598	6.08	2,142	7.24					
Total (Mexico)	1,963	5.44	4,357	5.99	5,381	6.04	3,674	7.19					
Total Pipeline	319,730	5.46	339,062	5.92	320,231	6.45	294,883	7.30					
LNG													
Gulf of Mexico	0		3,128	9.15	5,838	7.30	5,647	9.14					
Lake Charles, LA		5.28	21,064	5.88	32,811	6.69	49,935	7.33					
Cove Point, MD		5.91	23,460	6.39	23,258	7.17	0						
Everett, MA		6.51	16,797	6.48	16,850	7.16	14,191	6.83					
Elba Island, GA		5.31	23,023	6.02	19,587	6.67	16,815	7.56					
Total LNG		5.71	87,471	6.29	98,344	6.92	86,587	7.41					
Total Imports	361,383	5.49	426,534	6.00	418,576	6.56	381,470	7.32					

Table SR6. U.S. Natural Gas Imports by Point of Entry, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

	2007											
Point of	ı	Мау	Α	pril	Ma	rch	Fel	oruary				
Entry	Volume	Average Price										
Pipeline												
Canada												
Pacific Northwest												
Sumas, WA	17,921	7.02	18,070	6.84	15,610	7.12	19,762	7.03				
West	== ===		4= 000		40.000							
Eastport, ID	53,800	6.92	47,280	6.60	49,022	6.93	55,070	6.71				
Midwest	4.050	0.00	040	0.05	50	0.40	00	0.00				
Babb, MT	1,358	6.89	816	6.85	58	6.49	62	6.62				
Detroit, MI	0		81	8.28	0		0					
Marysville, MI	0		0		0		0					
Noyes, MN	33,194	7.32	30,973	7.28	49,963	7.16	51,571	7.17				
Port of del Bonita, MT	. 14	7.30	13	7.01	13	6.59	12	6.76				
Port of Morgan, MT	52,470	7.19	56,454	6.95	56,423	7.25	61,461	7.25				
Portal, ND	0	11.00	13	6.68	5	7.12	6	7.34				
Sherwood, ND ^a	40,841	7.32	39,435	7.12	40,545	7.19	37,306	7.40				
St. Clair, MI	747	7.93	160	7.89	992	7.55	647	7.70				
Sweetgrass, MT	133	6.66	132	6.78	143	6.44	136	6.89				
Warroad, MN	350	7.15	467	7.24	489	7.66	498	7.48				
Whitlash, MT	812	6.61	769	6.48	684	6.50	649	6.41				
Total	129,919	7.26	129,312	7.08	149,316	7.21	152,347	7.26				
Northeast												
Calais, ME	9,888	8.20	8,058	8.39	7,723	7.86	7,136	9.21				
Champlain, NY	1,462	5.06	1,439	5.12	1,616	5.42	1,501	5.54				
Grand Island, NY	4,633	7.96	7,410	8.11	12,449	8.03	12,302	7.71				
Highgate Springs, VT	477	9.01	799	8.82	766	8.94	1,014	8.52				
Massena, NY	368	7.61	601	7.48	781	8.65	931	8.52				
Niagara Falls, NY	30,236	8.08	30.668	8.06	28.904	7.98	30,417	7.75				
Pittsburg, NH	2,609	8.09	3,868	8.22	5,146	8.35	5,902	8.02				
Waddington, NY	31.810	8.22	31,194	7.83	37,287	8.43	34,876	8.22				
Total	81,484	8.09	84,037	7.97	94,671	8.14	94,078	8.03				
Total (Canada)	283,124	7.42	278,700	7.25	308,619	7.44	321,258	7.37				
Mexico												
Texas												
Alamo, TX	1,362	7.35	4,344	6.98	1,927	6.82	3,667	7.22				
Hidalgo, TX	150	6.97	1,390	6.69	729	6.45	635	7.34				
McAllen, TX	1,257	7.54	3,661	6.88	3.656	6.71	3.213	7.10				
Total (Mexico)	2,770	7.42	9,395	6.90	6,312	6.71	7,515	7.18				
Total Pipeline	285,893	7.42	288,095	7.24	314,931	7.43	328,773	7.37				
LNC												
LNG	0.040	0.40	^		•	0.44	•					
Gulf of Mexico	2,646	8.13	0		0	9.41	0					
Lake Charles, LA	41,667	7.22	44,555	6.99	33,710	7.25	8,635	6.90				
Cove Point, MD	22,577	8.02	20,633	7.99	23,336	7.83	6,006	8.65				
Everett, MA	11,348	7.55	19,764	6.72	16,136	7.69	14,001	7.92				
Elba Island, GA	16,081	7.46	13,790	7.53	13,666	7.54	15,459	7.11				
Total LNG	94,319	7.52	98,742	7.22	86,848	7.53	44,101	7.54				
Total Imports	380,213	7.45	386,837	7.24	401,779	7.45	372,874	7.39				

Table SR6. U.S. Natural Gas Imports by Point of Entry, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

	2	007	2006							
Point of	Jai	nuary	Т	otal	Dece	ember	Nov	ember		
Entry	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
Pipeline										
Canada										
Pacific Northwest										
Sumas, WA	22,885	6.48	255,743	6.21	29,757	7.21	19,482	6.30		
West	00.000	0.40	000 704	0.00	04.070	0.05	50.040	0.55		
Eastport, ID Midwest	66,699	6.40	690,781	6.22	64,372	6.95	59,912	6.55		
Babb, MT	132	6.29	7,343	5.44	58	6.15	56	6.71		
Detroit, MI		0.29	7,343	3.44	0	0.13	0	0.71		
Marysville, MI			24	7.07	0		0			
Noyes, MN	-	6.18	419,284	6.82	46,076	7.64	45,692	7.24		
Port of del Bonita, MT		5.79	0		0		0			
Port of Morgan, MT		6.51	665.804	6.78	58.817	7.56	44.106	7.25		
Portal, ND		7.71	2,565	5.50	25	4.71	20	5.44		
Sherwood, ND ^a		6.37	511,488	6.72	42,021	7.40	40,977	7.28		
St. Clair, MI	982	6.73	10,410	7.44	1,346	7.43	1,839	7.74		
Sweetgrass, MT	148	6.00	2,012	5.81	152	6.35	145	6.99		
Warroad, MN	497	6.40	3,563	7.94	491	8.36	439	6.84		
Whitlash, MT	764	6.05	9,120	5.59	191	6.27	681	6.62		
Total	155,192	6.36	1,631,612	6.76	149,177	7.54	133,955	7.26		
Northeast										
Calais, ME		7.36	105,650	7.73	6,569	8.16	7,444	7.97		
Champlain, NY		5.55	17,721	5.04	1,584	5.48	1,466	5.41		
Grand Island, NY		6.67	80,907	7.61	7,790	8.28	6,670	7.69		
Highgate Springs, VT		8.54	8,404	8.25	1,014	9.40	1,068	8.14		
Massena, NY		8.20	6,588	8.95	722	9.46	601	8.93		
Niagara Falls, NY		6.60	354,703	7.43	27,170	8.38	24,242	7.87		
Pittsburg, NH		7.40	31,853	7.26	3,489	7.88	2,909	8.33		
Waddington, NY		7.10	406,033	7.62	36,418	8.42	32,730	7.97		
Total	90,808	6.93	1,011,860	7.52	84,757	8.32	77,130	7.89		
Total (Canada)	335,584	6.53	3,589,995	6.83	328,063	7.59	290,480	7.21		
Mexico										
Texas										
Alamo, TX		5.58	3,880	5.49	1,233	6.00	395	6.56		
Hidalgo, TX		5.21	967	5.53	822	5.40	120	6.36		
McAllen, TX		5.46	7,902	5.75	1,845	5.31	888	6.41		
Total (Mexico)	4,115	5.42	12,749	5.65	3,901	5.55	1,403	6.45		
Total Pipeline	339,699	6.52	3,602,744	6.83	331,964	7.57	291,883	7.21		
LNG										
Gulf of Mexico	0		453	7.31	0		0	•		
Lake Charles. LA		5.74	143.608	6.64	11.638	7.43	16.782	7.00		
Cove Point, MD		5.70	116,613	7.51	9,035	8.10	2,963	8.48		
Everett, MA		7.47	176,013	7.58	16,571	7.80	14,031	8.00		
Elba Island, GA		5.78	146,766	7.03	13,996	7.95	13,460	7.11		
Total LNG		6.38	583,537	7.19	51,240	7.81	47,236	7.42		
Total Imports	393,140	6.50	4,186,281	6.88	383,205	7.60	339,118	7.24		

Table SR6. U.S. Natural Gas Imports by Point of Entry, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

	2006												
Point of	Oc	tober	Sep	tember	Au	gust	,	July					
Entry	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price					
Pipeline		-1						1					
Canada													
Pacific Northwest													
Sumas, WA	19,996	4.50	22,023	5.29	19,880	5.90	17,657	5.34					
West													
Eastport, ID	65,653	4.61	58,253	5.37	65,439	6.01	68,301	5.28					
Midwest													
Babb, MT		5.48	102	4.60	217	5.97	1,712	5.46					
Detroit, MI			0		0		0						
Marysville, MI			0		0		0						
Noyes, MN		4.81	30,953	5.61	31,170	6.62	29,484	5.69					
Port of del Bonita, MT			0		0		0						
Port of Morgan, MT		4.54	62,034	5.89	62,418	6.64	60,715	6.56					
Portal, ND		6.06	455	4.38	227	6.18	501	5.60					
Sherwood, ND ^a		4.83	38,715	5.63	40,816	6.71	42,464	5.62					
St. Clair, MI		5.37	88	5.85	786	7.27	1,680	5.92					
Sweetgrass, MT Warroad, MN		5.42 3.93	160 251	4.29 6.80	172 258	5.87 6.91	184 270	5.24 5.72					
Whitlash, MT		3.93 4.94	694	4.76	735	5.58	737	5.72 5.14					
Total		4.72	133,452	5.74	136,799	6.65	137,749	6.05					
Northeast	134,510	4.12	133,432	3.74	130,733	0.03	137,743	0.03					
Calais, ME	8,296	5.29	8,384	6.37	11,425	7.47	11,266	6.33					
Champlain, NY		4.91	1,479	4.97	1,496	4.87	1,511	4.87					
Grand Island, NY		5.59	4,212	6.21	5,708	7.52	5,751	6.30					
Highgate Springs, VT		5.41	352	7.74	336	8.05	320	7.82					
Massena, NY		5.80	389	6.81	359	7.38	303	6.45					
Niagara Falls, NY		5.19	25.907	6.24	31.641	7.30	32.037	6.24					
Pittsburg, NH		5.50	2,894	6.33	4,316	7.64	4,830	6.60					
Waddington, NY		5.24	32,882	5.87	35,452	7.58	33,649	6.42					
Total		5.26	76,499	6.08	90,733	7.42	89,667	6.33					
Total (Canada)	296,395	4.82	290,227	5.72	312,849	6.69	313,374	5.92					
Mexico													
Texas													
Alamo, TX	578	4.69	1.280	4.72	0		0						
Hidalgo, TX			0		0		Ö						
McAllen, TX		4.69	2,003	4.81	0		0						
Total (Mexico)		4.69	3,283	4.77	0	-	0						
Total Pipeline	297,831	4.82	293,510	5.71	312,849	6.69	313,374	5.92					
LNG													
Gulf of Mexico	0		0		453	7.31	0						
Lake Charles, LA		4.10	11,520	6.75	8,820	6.79	17,695	5.96					
Cove Point, MD		4.14	5,449	6.97	11,778	7.23	11,980	6.15					
Everett, MA		7.20	9,143	6.33	14,238	7.01	14,261	6.55					
Elba Island, GA		4.47	13,890	6.85	16,834	7.01	13,616	5.84					
Total LNG		5.40	40,004	6.72	52,122	7.03	57,550	6.12					
Total Imports	334,016	4.88	333,514	5.83	364,972	6.74	370,925	5.95					

Table SR6. U.S. Natural Gas Imports by Point of Entry, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

	2006												
Point of	J	une	ı	l ay	А	pril	М	arch					
Entry	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price					
Pipeline								1					
Canada													
Pacific Northwest													
Sumas, WA	25,891	5.27	20,839	5.74	20,467	5.88	21,341	6.42					
West													
Eastport, ID	54,827	5.29	48,449	5.84	42,322	6.02	57,872	6.31					
Midwest	2 206	E 07	4 000	E 24	EEO	E 70	161	F 70					
Babb, MT Detroit. MI		5.27	1,828 0	5.31	553	5.76	161	5.78					
Marysville, MI			24	7.07	0		0						
Noves, MN		5.79	28,097	6.28	30,755	6.57	34,942	6.84					
Port of del Bonita, MT		5.79	20,097	0.20	30,733	0.57	34,942	0.04					
Port of Morgan, MT		5.53	54,848	6.23	50.995	6.31	59,316	6.85					
Portal, ND		5.75	471	5.47	120	6.18	59,510	7.78					
Sherwood, ND ^a	41.004	5.79	43,687	6.20	43.051	6.43	45,949	6.79					
St. Clair, MI		6.49	169	6.88	1,145	7.31	461	6.98					
Sweetgrass, MT		5.35	213	5.16	223	5.92	130	5.82					
Warroad, MN		5.74	280	7.02	287	7.83	234	10.34					
Whitlash, MT		5.03	975	5.31	974	5.50	1,012	5.80					
Total	127,289	5.67	130,592	6.21	128,104	6.42	142,210	6.83					
Northeast	•		•		•		•						
Calais, ME	8,988	6.38	9,022	8.46	8,459	8.01	7,566	7.41					
Champlain, NY	1,431	4.89	1,399	4.88	1,417	4.91	1,549	4.97					
Grand Island, NY	3,723	6.12	4,215	7.25	6,239	7.46	11,078	7.36					
Highgate Springs, VT	363	7.06	435	7.46	632	7.17	1,045	7.93					
Massena, NY		6.58	398	7.43	531	7.64	776	9.84					
Niagara Falls, NY		6.55	29,958	7.12	32,228	7.43	32,533	7.45					
Pittsburg, NH		6.69	1,989	7.25	2,632	7.38	1,446	7.33					
Waddington, NY		6.59	35,837	6.96	30,355	7.56	36,958	7.96					
Total	78,382	6.50	83,254	7.17	82,493	7.49	92,951	7.62					
Total (Canada)	286,389	5.79	283,133	6.39	273,386	6.64	314,374	6.94					
Mexico													
Texas													
Alamo, TX			0		50	6.20	238	6.06					
Hidalgo, TX			0		0		25	5.97					
McAllen, TX			130	5.28	20	6.07	428	6.15					
Total (Mexico)	0		130	5.28	70	6.16	691	6.11					
Total Pipeline	286,389	5.79	283,263	6.39	273,456	6.64	315,065	6.94					
LNG													
Gulf of Mexico	0		0		0		0						
Lake Charles, LA		5.74	25,345	6.83	17,023	7.10	0						
Cove Point, MD		6.43	11,626	7.00	14.421	7.18	8.862	7.25					
Everett, MA		6.12	16,606	7.67	13,923	7.19	16,420	7.91					
Elba Island, GA		5.87	13,694	6.93	13,425	7.16	7,945	7.13					
Total LNG		6.02	67,271	7.09	58,792	7.16	33,228	7.55					
Total Imports	348,095	5.83	350,535	6.53	332,248	6.73	348,293	7.00					

Table SR6. U.S. Natural Gas Imports by Point of Entry, 2006-2007

		200	6	·
Point of	Febr	uary	Janı	ıary
Entry	Volume	Average Price	Volume	Average Price
Pipeline				
Canada				
Pacific Northwest				
Sumas, WAWest	18,052	7.21	20,357	9.32
Eastport, ID Midwest	48,874	7.16	56,506	9.67
Babb, MT	110	6.32	104	6.13
Detroit, MI	0		0	
Marysville, MI	0		Ö	
Noyes, MN	34,166	7.82	38,308	9.86
Port of del Bonita, MT	34,100	7.82	38,308	9.00
Port of der Bornta, WT	51,224	7.60	58.506	10.11
	,		,	
Portal, ND	7	6.74	35	5.06
Sherwood, ND ^a	42,367	7.67	47,677	9.80
St. Clair, MI	169	7.84	2,009	9.43
Sweetgrass, MT	127	6.52	153	7.53
Warroad, MN	256	10.94	221	18.30
Whitlash, MT	946	5.81	983	6.30
Total	129,372	7.67	147,996	9.92
Northeast				
Calais, ME	8,487	8.85	9,744	12.09
Champlain, NY	1,441	5.12	1,561	5.21
Grand Island, NY	10,426	8.33	8,986	10.28
Highgate Springs, VT	1,129	8.65	1,084	10.50
Massena, NY	816	10.73	827	13.13
Niagara Falls, NY	28,892	8.58	31,310	10.67
Pittsburg, NH	1,158	8.23	1,140	9.92
Waddington, NY	33,176	9.19	39,988	10.61
Total	85,524	8.77	94,642	10.68
Total (Canada)	281,822	7.89	319,501	10.06
Mexico				
Texas				
Alamo, TX	0		105	7.46
Hidalgo, TX	0		0	
McAllen, TX	486	7.33	1.244	7.46
Total (Mexico)	486	7.33	1,349	7.46
Total Pipeline	282,308	7.89	320,850	10.05
LNG				
Gulf of Mexico	0		0	
Lake Charles, LA	3,053	8.66	3,028	11.94
Cove Point, MD	10,998	8.38	11,941	11.15
Everett, MA	16,807	8.62	16,620	9.39
Elba Island, GA	7,880	8.21	7,877	11.68
Total LNG	38,737	8.47	39,466	10.57
Total Imports	321,045	7.96	360,316	10.11

^a EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline importes.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska. Prices for LNG imports are reported as "landed," defined as received at the terminal.

Sources: Energy Information Administration based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*, and EIA estimates of dry natural gas imports.

imports.

Not applicable.

Table SR7. Summary of U.S. Natural Gas Imports, 1978-2007 (Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet)

		Pipe	line		Total F	Pipeline	LN	G
Year and	Cana	ıda	Mex	ico			Alge	eria
Month	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1978 Total	881,123	2.19	0		881,123	2.19	84,422	1.53
1979 Total	1,000,775	2.61	0		1,000,775	2.61	252,608	2.03
1980 Total	796,507	4.32	102,410	4.41	898,917	4.33	85,850	3.77
1981 Total	762,107	4.83	105,013	5.01	867,120	4.85	36,824	5.54
1982 Total	783,407	4.97	94,794	5.02	878,200	4.98	55,136	5.82
1983 Total	711,923	4.49	75,361	4.70	787,284	4.51	131,124	6.41
1984 Total	755,368	4.01	51,502	4.49	806,870	4.04	36,191	4.90
1985 Total	926,056	3.17	0		926,056	3.17	23,659	4.60
1986 Total	748,780	2.42	0		748,780	2.42	0	
1987 Total	992,532	1.95	0		992,532	1.95	0	
1988 Total	1,276,322	1.83	0		1,276,322	1.83	17,490	2.71
1989 Total	1,339,357	1.81	0		1,339,357	1.81	42,163	2.22
1990 Total	1,448,065	1.91	0		1,448,065	1.91	84,193	2.47
1991 Total	1,709,716	1.81	0		1,709,716	1.81	63,596	2.36
1992 Total	2,094,387	1.84	0		2,094,387	1.84	43,116	2.54
1993 Total	2,266,751	2.02	1,678	1.94	2,268,429	2.02	81,685	2.20
1994 Total	2,566,049	1.86	7,013	1.99	2,573,061	1.86	50,778	2.28
1995 Total	2,816,408	1.48	6,722	1.53	2,823,130	1.48	17,918	2.30
1996 Total	2,883,277	1.96	13,862	2.25	2,897,138	1.96	35,325	2.70
1997 Total	2,899,152	2.15	17,243	2.31	2,916,394	2.15	65,675	2.67
1998 Total	3,052,073	1.95	14,532	2.03	3,066,605	1.95	68,567	2.51
1999 Total	3,367,545	2.23	54,530	2.14	3,422,075	2.23	75,763	2.41
2000 Total	3,543,966	3.97	11,601	5.43	3,555,567	3.98	46,947	3.48
2001 Total	3,728,537	4.43	10,276	5.00	3,738,814	4.44	64,945	3.73
2002 Total	3,784,978	3.13	1,755	2.36	3,786,733	3.13	26,584	3.61
2003 Total	3,437,230	5.23	0		3,437,230	5.23	53,423	5.32
2004 Total	3,606,543	5.80	0		3,606,543	5.80	120,343	5.82
2005 Total	3,700,454	8.09	9,320	8.46	3,709,774	8.09	97,157	8.86
2006								
January	319,501	10.06	1,349	7.46	320,850	10.05	2,988	13.69
February	281,822	7.89	486	7.33	282,308	7.89	2,802	9.13
March	314,374	6.94	691	6.11	315,065	6.94	3,019	7.63
April	273,386	6.64	70	6.16	273,456	6.64	2,804	7.15
May	283,133	6.39	130	5.28	283,263	6.39	0	
June	286,389	5.79	0 0		286,389	5.79	2,808	6.57
July	313,374	5.92 6.69	0	 	313,374 312,849	5.92	3,028 0	6.61
August September	312,849 290,227	5.72	3,283	4.77	293,510	6.69 5.71	0	
October	296,395	4.82	1,436	4.69	297,831	4.82	0	
November	290,480	7.21	1,403	6.45	291,883	7.21	0	
December	328,063	7.59	3,901	5.55	331,964	7.57	ő	
Total	3,589,995	6.83	12,749	5.65	3,602,744	6.83	17,449	8.48
2007								
January	335,584	6.53	4,115	5.42	339,699	6.52	2,521	6.37
February	321,258	7.37	7,515	7.18	328,773	7.37	0	
March	308,619	7.44	6,312	6.71	314,931	7.43	8,686	7.81
April	278,700	7.25	9,395	6.90	288,095	7.24	24,496	7.18
May	283,124	7.42	2,770	7.42	285,893	7.42	23,648	7.25
June	291,209	7.30	3,674	7.19	294,883	7.30	12,309	7.12
July	314,851	6.45	5,381	6.04	320,231	6.45	0	
August	334,705	5.92	4,357	5.99	339,062	5.92	2,817	6.66
September	317,767	5.46	1,963	5.44	319,730	5.46	2,822	5.92
October	313,685	6.31	1,601	6.35	315,286	6.31	0	
November	311,065	7.16	3,003	5.96	314,068	7.15	0	
December	372,142	7.50	3,976	6.62	376,118	7.49	0	
Total	3,782,708	6.83	54,062	6.55	3,836,770	6.83	77,299	7.17

Table SR7. Summary of U.S. Natural Gas Imports, 1978-2007

Year					NG			
and	Austr	ralia	Bru	nei	Car	ada	Egy	pt
Month	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1978 Total	0		0		0		0	
979 Total	0		0		0		0	
980 Total	0		0		0		0	
981 Total	0		0		6	6.63	0	
982 Total	0		0		0		0	
983 Total	0		0		0		0	
984 Total	0		0		0		0	
985 Total	0		0		0		0	
986 Total	0		0		0		0	
987 Total	0		0		0		0	
988 Total	0		0		0		0	
989 Total	0		0		0		0	
990 Total	0		0		0		0	
991 Total	0		0		0		0	
992 Total	0		0		0		0	
993 Total	0		0		0		0	
994 Total	0		0		0		0	
995 Total	0		0		0		0	
996 Total 997 Total	0 9,686	2.92	0 0		0		0	
000 T 111	•						•	
998 Total	11,634	3.30	0		0		0	
999 Total	11,904	2.70	0 0		0		0	
000 Total 001 Total	5,945	3.25	0		0		0	
001 Total	2,394 0	3.86	2,401	3.25	0		0	
003 Total	0		0		0		0	
003 Total	14,990	6.47	0		0		0	
005 Total	0		0		0		72,540	10.88
2006								
January	0		0		0		2,970	8.31
February	0		0		0		5,261	8.11
March	0		0		0		0	
April	0		0		0		13,560	7.02
May	0		0		0		19,826	6.93
June	0		0		0		14,334	5.68
July	0		0		0		15,004	5.67
August	0		0		0		8,880	7.00
September	0		0		0		8,782	6.76
October	0		0		0		2,551	4.05
November	0		0		0		16,921	7.12
December	0		0		0		11,440	8.26
Total	0		0		0		119,528	6.80
007								
January	0		0		0		8,803	5.77
February	0		0		0		5,778	6.73
March	0		0		0		14,783	7.42
April	0		0		0		14,218	7.56
Мау	0		0		0		14,914	7.44
June	0		0		0		14,804	7.50
July	0		0		0		11,948	6.76
August	0		0		0		11,585	5.98
September	0		0		0		11,985	5.20
October	0		0		0		2,789	6.68
November December	0	 	0 0		0	 	2,973 0	7.56
Total	0		0		0		114,580	6.83

Table SR7. Summary of U.S. Natural Gas Imports, 1978-2007

Year				-	NG			
and	Equatoria	I Guinea	Indor	nesia	Mala	ysia	Nige	ria
Month	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
978 Total	0		0		0		0	
79 Total	0		0		0		0	
80 Total	0		0		0		0	
81 Total	0		0		0		0	
82 Total	0		0		0		0	
83 Total	0		0		0		0	
84 Total	0		0		0		0	
85 Total	0		0		0		0	
86 Total	0		1,669	4.62	0		0	
87 Total	0		0		0		0	
88 Total	0		0		0		0	
89 Total	0		0		0		0	
90 Total	0		0		0		0	
91 Total	0		0		0		0	
92 Total	0		0		0		0	
93 Total	0		0		0		0	
94 Total	0		0		0		0	
95 Total	0		0		0		0	
96 Total	0		0		0		0	
97 Total	0		0		0		0	
98 Total	0		0		0		0	
99 Total	0		0		2,576	2.36	0	
00 Total	0		2,760	3.99	0		12,654	4.37
01 Total	0		0		0		37,966	5.56
02 Total	0		0		2,423	3.43	8,123	3.21
003 Total	0		0		2,704	4.97	50,067	4.66
004 Total	0		0		19,999	4.93	11,818	6.20
05 Total	0		0		8,719	9.00	8,149	10.11
006								
lanuary	0		0		0		3,028	11.94
ebruary	0		0		0		3,053	8.66
March	0		0		0		0	
April	0		0		0		5,991	7.38
/lay	0		0		0		3,100	7.35
une	0		0		0		5,996	5.96
uly	0		0		0		6,129	5.93
August	0		0		0		6,199	7.06
September	0		0		0		6,025	6.94
October	0		0		0		8,957	4.10
November	0		0		0		5,732	7.30
December	0		0		0		3,082	7.30
Total	0		0		0		57,292	6.78
007								
lanuary	0		0		0		5,325	5.87
ebruary	0		0		0		5,743	7.05
/larch	0		0		0		9,085	7.73
pril	0		0		0		9,042	7.03
lay	0		0		0		14,970	7.83
une	2,910	7.46	0		0		20,312	7.67
uly	8,989	6.04	0		0		12,442	6.87
ugust	5,896	6.18	0		0		15,005	5.93
September	0		0		0		3,105	5.43
October	0		0		0		0	
lovember	0		0		0		0	
December	0		Ō		0		Ō	
Total	17,795	6.32	0		0		95,028	7.05

Table SR7. Summary of U.S. Natural Gas Imports, 1978-2007

V				LI	IG			
Year and	Oma	an	Qa	tar	Trinidad and	d Tobago	United Ara	b Emirates
Month	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
978 Total	0		0		0		0	
979 Total	Ő		Ö		ő		ő	
980 Total	ő		Ö		ő		Ő	
981 Total	Ő		Ö		0		0	
982 Total	ő		ő		ő		0	
983 Total	0		0		0		0	
984 Total	0		0		0		0	
985 Total	0		0		0		0	
986 Total	0		0		0		0	
987 Total	0		0		0		0	
988 Total	0		0		0		0	
989 Total	0		0		0		0	
990 Total	0		0		0		0	
991 Total	0		0		0		Ō	
992 Total	0		0		0		Ō	
							-	
993 Total	0		0		0		0	
994 Total	0		0		0		0	
995 Total	0		0		0		0	
996 Total	0		0		0		4,949	3.46
997 Total	0		0		0		2,417	3.74
998 Total	0		0		0		5,252	2.63
999 Total	0		19,697	2.71	50,777	2.39	2,713	3.03
000 Total	9,998	3.36	46,057	3.44	98,949	3.43	2,725	3.53
001 Total	12,055	5.56	22,758	4.37	98,009	4.14	0	
002 Total	3,013	3.34	35,081	3.39	151,104	3.40	0	
003 Total	8,632	3.76	13,623	4.99	378,069	4.74	0	
004 Total	9,412	5.59	11,854	5.68	462,100	5.84	0	
005 Total	2,464	5.72	2,986	5.97	439,246	7.68	0	
006								
January	0		0		30,480	10.35	0	
February	0		0		27,620	8.45	0	
March	0		0		30,209	7.54	0	
April	0		0		36,437	7.17	0	
Мау	0		0		44,346	7.15	0	
June	Ö		0		38,568	6.11	Ō	
July	ő		Ö		33,390	6.31	Ö	
August	0		Ö		37,043	7.03	0	
September	Ő		Ö		25,197	6.65	0	
October	0		0		24,677	6.01	0	
November	0		0		24,583	7.65	0	
December	Ö		ő		36,718	7.71	ő	
Total	0		0		389,268	7.32	0	
007								
January	0		0		36,792	6.61	0	
February	Ö		Ö		32,581	7.77	Ö	
March	Ö		Õ		54,295	7.49	Ö	
April	Ő		0		50,986	7.18	ő	
Vay	Ő		3,040	6.12	37,747	7.71	0	
June	0		5,926	8.12	30,327	7.16	0	
July	0	 	3,098	6.55	61,866	7.10	0	
	0					6.33	0	
August	0		6,287	7.34	45,881		0	
September			0		23,741	5.99	-	
October	0		0		29,149	6.86	0	
November December	0		0		23,566 20,826	7.92 7.86	0	
2000111001	0		18,352			7.14	0	
Total				7.26	447,758			

Table SR7. Summary of U.S. Natural Gas Imports, 1978-2007

Year	LI	NG	Tota	I LNG	Grand	Total
and	Otl	her ^a			., .	
Month	Volume	Average Price	Volume	Average Price	Volume	Average Price
4070 Total	0		04.400	1.50	965.545	2.42
1978 Total	0		84,422	1.53	/	2.13
1979 Total	0		252,608	2.03	1,253,383	2.49
1980 Total	0		85,850	3.77	984,767	4.28
1981 Total	0		36,830	5.54	903,949	4.88
1982 Total	0		55,136	5.82	933,336	5.03
1983 Total	0		131,124	6.41	918,407	4.78
1984 Total	0		36,191	4.90	843,060	4.08
1985 Total	0		23,659	4.60	949,715	3.21
1986 Total	0		1,669	4.62	750,449	2.43
1987 Total	0		0		992,532	1.95
1988 Total	0		17,490	2.71	1,293,812	1.84
1989 Total	0		42,163	2.22	1,381,520	1.82
1990 Total	0		84,193	2.47	1,532,259	1.94
1991 Total	Ö		63,596	2.36	1,773,313	1.83
1992 Total	0		43,116	2.54	2,137,504	1.85
1002 10101	0			2.07	2,107,004	1.03
1993 Total	0		81,685	2.20	2,350,115	2.03
1994 Total	0		50,778	2.28	2,623,839	1.87
1995 Total	0		17,918	2.30	2,841,048	1.49
1996 Total	0		40,274	2.80	2,937,413	1.97
1997 Total	0		77,778	2.74	2,994,173	2.17
1998 Total	0		85,453	2.63	3,152,058	1.97
1999 Total	0		163,430	2.47	3,585,505	2.24
2000 Total	Õ		226,036	3.50	3,781,603	3.95
2001 Total	Ö		238,126	4.35	3,976,939	4.43
	0	 				
2002 Total	U		228,730	3.41	4,015,463	3.15
2003 Total	0		506,519	4.79	3,943,749	5.17
2004 Total	1,500	5.52	652,015	5.82	4,258,558	5.81
2005 Total	0		631,260	8.26	4,341,034	8.12
2006						
January	0		39,466	10.57	360,316	10.11
February	0		38,737	8.47	321,045	7.96
March	0		33,228	7.55	348,293	7.00
April	0		58,792	7.16	332,248	6.73
May	0		67,271	7.09	350,535	6.53
June	0		61,705	6.02	348,095	5.83
	0		57,550	6.12	370,925	5.95
July	0			7.03		6.74
August			52,122		364,972	
September	0		40,004	6.72	333,514	5.83
October	0		36,185	5.40	334,016	4.88
November December	0 0	 	47,236 51,240	7.42 7.81	339,118 383,205	7.24 7.60
Total	0		583,537	7.19	4.186.281	6.88
			,		.,,	
2007	•		50 444	2.22	000 110	0.50
January	0		53,441	6.38	393,140	6.50
February	0		44,101	7.54	372,874	7.39
March	0		86,848	7.53	401,779	7.45
April	0		98,742	7.22	386,837	7.24
May	0		94,319	7.52	380,213	7.45
June	0		86,587	7.41	381,470	7.32
July	0		98,344	6.92	418,576	6.56
August	0		87,471	6.29	426,534	6.00
September	0		41,654	5.71	361,383	5.49
October	0		31,939	6.84	347,224	6.35
November	Õ		26,539	7.88	340,607	7.21
December	ŏ		20,826	7.86	396,945	7.51
					,	
Total	0		770,812	7.07	4,607,582	6.87

^a The point of origin for volumes of imported LNG was unassigned in the reports to the Office of Fossil Energy.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska. Prior to 2003, prices for LNG imports may be reported as either "landed," defined as

Not applicable.

received at the terminal or "tailgate," defined as regasification at the terminal. For 2003 through 2007, all prices for LNG imports are reported as "landed."

Sources: 1978-1994: Energy Information Administration, Form FPC-14,
"Annual Report for Importers and Exporters of Natural Gas." 1995 to present:
Energy Information Administration based on data from the Office of Fossil
Energy, U.S. Department of Energy, Natural Gas Imports and Exports.

Table SR8. U.S. Natural Gas Exports by Point of Exit, 2006-2007

				200	7			
Point of	To	otal	Dece	ember	Nove	ember	Oc	tober
Exit	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Pric
Pipeline						-		•
Canada								
Detroit, MI	22,904	6.88	3,652	7.17	3,687	7.27	1,220	6.35
Havre, MT	20,420	6.16	1,620	6.64	1,618	6.53	1,699	5.90
Marysville, MI	9.158	7.77	1.387	7.75	896	7.84	5	6.55
Sault Ste. Marie, MI	4,389	7.13	701	7.55	1,118	7.58	235	6.48
St. Clair, MI	418,765	7.24	63,367	7.69	49,851	7.48	27,744	6.73
Sumas, WA	6,560	6.14	944	7.09	419	7.66	190	5.98
Total (Canada)	482,196	7.17	71,671	7.64	57,587	7.45	31,094	6.66
,	,		,-		, , , , ,		,	
Mexico								
Alamo, TX	1,540	7.11	0		72	6.94	170	7.90
Calexico, CA	5,147	6.87	497	7.44	487	6.79	497	6.33
Clint, TX	84,484	6.37	8,057	6.20	8,245	5.60	8,418	5.59
Del Rio, TX	282	7.74	20	7.63	20	7.65	23	7.26
Douglas, AZ	16,102	6.94	474	7.16	845	6.69	519	6.45
Eagle Pass, TX	1,955	6.72	138	7.02	159	7.12	170	6.31
El Paso, TX	8,682	6.76	1,100	6.88	759	6.25	595	6.73
McAllen, TX	4.142	6.65	1,144	6.89	253	6.53	1,340	6.88
Nogales, AZ	88	6.79	12	7.28	9	6.45	10	5.69
Ogilby, CA	91,539	6.51	7,337	7.03	7,225	6.27	6,602	5.93
Penitas,TX	0 1,000		0		0		0,002	0.00
Rio Bravo, TX	54,660	6.80	3,266	7.00	4,147	6.66	5,920	6.69
Roma. TX	23.152	6.93	3,339	7.02	3.439	6.93	4,640	6.83
Total (Mexico)	291,773	6.60	25,384	6.76	25,661	6.24	28,902	6.22
Total (Mexico)	291,773	0.00	23,364	0.70	23,001	0.24	20,902	0.22
Total Pipeline	773,969	6.96	97,055	7.41	83,249	7.08	59,996	6.45
LNG								
Canada								
Buffalo, NY	2	12.07	0		0		0	
Total (Canada)	2	12.07	ŏ		ŏ		ŏ	
Japan	_	12.07	v		·		•	
Kenai, AK	46,501	5.97	4,436	6.27	3,204	6.32	1,680	6.20
Total (Japan)	46,501	5.97	4,436	6.27	3,204	6.32	1,680	6.20
Mexico	40,501	5.51	4,430	0.21	3,204	0.52	1,000	0.20
Nogales, AZ	16	15.27	0		0		0	
Otay Mesa, CA	71	12.85	5	13.47	5	12.83	6	11.98
	87	13.30	5 5	13.47 13.47	5 5	12.83	6	11.98
Total (Mexico)	07	13.30	э	13.47	э	12.03	0	11.30
Russia	4.005	40.40	^		•		4.005	40.40
Kenai, AK	1,895	12.12	0		0		1,895	12.12
Total (Russia)	1,895	12.12	0		0	-	1,895	12.12
Total LNG	48,485	6.23	4,441	6.28	3,209	6.33	3,580	9.34
Total Exports	822,454	6.92	101,495	7.36	86,458	7.05	63,576	6.61

Table SR8. U.S. Natural Gas Exports by Point of Exit, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

				200	7			
Point of	Septe	ember	Au	gust	Ju	uly	J	une
Exit	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Pric
Pipeline						1		
Canada								
Detroit, MI	1,449	5.72	964	5.75	1,402	6.46	1,090	7.22
Havre, MT	1,699	5.15	1,661	5.05	1,671	5.35	1,638	6.51
Marysville, MI	13	6.43	0		92	6.80	145	7.52
Sault Ste. Marie, MI	150	6.06	155	6.33	157	6.51	155	7.64
St. Clair, MI	29,486	5.82	23,760	6.21	33,521	6.96	25,069	7.78
Sumas, WA	187	5.99	1,068	4.60	1,053	4.61	100	6.99
Total (Canada)	32,984	5.78	27,608	6.06	37,897	6.81	28,197	7.68
M. 1	•		-					
Mexico	005	0.40	400	5.04	•		0.50	7.00
Alamo, TX	265	6.16	182	5.84	0		258	7.68
Calexico, CA	422	5.62	443	6.07	444	6.97	427	7.64
Clint, TX	6,597	5.64	8,226	6.13	8,798	5.64	7,441	7.30
Del Rio, TX	22	7.13	24	7.34	24	7.92	23	8.40
Douglas, AZ	1,485	5.64	1,684	6.23	1,626	6.77	1,483	7.50
Eagle Pass, TX	147	5.41	158	5.83	127	6.96	156	7.66
El Paso, TX	533	6.12	523	6.26	442	6.14	498	7.39
McAllen, TX	737	6.53	489	5.94	179	5.91	0	
Nogales, AZ	8	5.40	9	6.47	7	7.34	8	7.67
Ogilby, CA	9,204	5.63	10,961	6.09	10,125	6.37	8,330	6.42
Penitas,TX	0		0		0		0	
Rio Bravo, TX	5,923	6.03	5,945	6.26	5,610	6.18	5,451	7.49
Roma. TX	3,142	6.39	1,302	6.03	1.132	6.00	1,687	7.80
Total (Mexico)	28,484	5.84	29,945	6.14	28,516	6.12	25,763	7.11
Total Pipeline	61,468	5.81	57,554	6.10	66,412	6.51	53,960	7.41
LNG								
Canada	0		0		2	10.07	0	
Buffalo, NY	0 0	 	0 0		2 2	12.07	0 0	
Total (Canada)	U	-	U		2	12.07	U	-
Japan	0.004	0.40	4.040	0.05	4.000	F 00	0.040	4
Kenai, AK	3,604	6.13	4,310	6.05	4,239	5.86	3,342	5.71
Total (Japan)	3,604	6.13	4,310	6.05	4,239	5.86	3,342	5.71
Mexico				40.00				4-0-
Nogales, AZ	0		1	18.93	0		1	17.97
Otay Mesa, CA	5	11.40	5	11.89	7	12.97	6	13.61
Total (Mexico)	5	11.40	6	12.92	7	12.97	6	14.15
Russia								
Kenai, AK	0		0		0		0	
Total (Russia)	0		0		0		0	
Total LNG	3,609	6.14	4,316	6.06	4,247	5.87	3,349	5.73
Total Exports	65,077	5.83	61,870	6.10	70,660	6.47	57,309	7.31

Table SR8. U.S. Natural Gas Exports by Point of Exit, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

				200)7				
Point of	M	ay	А	pril	Ma	rch	Feb	ruary	
Exit	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Pric	
Pipeline				1		1		•	
Canada									
Detroit, MI	2,971	7.47	1,657	7.33	2,861	7.25	762	6.15	
Havre, MT	1,662	6.83	1,655	6.69	1,903	6.71	1,723	6.25	
Marysville, MI	709	6.78	333	8.01	1,451	7.58	3,012	8.31	
Sault Ste. Marie, MI	155	8.06	150	7.97	294	7.66	531	6.98	
St. Clair, MI	29,515	7.84	27,355	7.83	45,499	7.70	28,123	7.61	
Sumas, WA	19	6.87	599	6.92	1,423	6.66	136	7.29	
Total (Canada)	35,031	7.74	31,748	7.73	53,430	7.61	34,287	7.56	
Mexico									
Alamo, TX	356	7.62	0		0		0		
					396		329		
Calexico, CA	416	7.48	367	6.86		7.51		7.35	
Clint, TX	7,009	7.39	5,310	7.21	5,606	7.01	4,521	7.25	
Del Rio, TX	_ 24	8.26	26	7.88	26	7.92	24	7.88	
Douglas, AZ	1,571	7.22	1,655	7.34	1,667	7.32	1,472	7.36	
Eagle Pass, TX	171	7.49	156	7.04	173	7.15	181	6.97	
El Paso, TX	528	7.48	560	7.28	808	6.48	1,076	7.40	
McAllen, TX	0		0		0		0		
Nogales, AZ	9	7.44	6	6.70	7	7.44	3	7.23	
Ogilby, CA	6,935	6.92	4,278	6.50	5,712	6.60	7,129	7.39	
Penitas,TX	0		, 0		0		, 0		
Rio Bravo, TX	5.492	7.69	2,529	7.63	4.249	7.04	2,106	7.39	
Roma, TX	1,357	7.79	593	7.65	209	6.93	395	7.48	
Total (Mexico)	23,869	7.34	15,479	7.11	18,853	6.91	17,236	7.35	
	,		,		,		,		
Total Pipeline	58,901	7.58	47,227	7.53	72,282	7.42	51,522	7.49	
LNG									
Canada									
Buffalo, NY	0		0		0		0		
Total (Canada)	0		0		0		Ō		
Japan									
Kenai, AK	3,568	5.63	3,502	5.85	4,745	5.83	5,001	5.88	
Total (Japan)	3,568	5.63	3,502	5.85	4,745	5.83	5,001	5.88	
Mexico	0,000	0.00	0,002	0.00	4,1.40	0.00	0,001	0.00	
Nogales, AZ	0		0		2	18.16	7	15.99	
Otay Mesa, CA	9	13.38	7	12.74	7	13.48	9	13.48	
Total (Mexico)	9	13.38	7	12.74 12.74	8	14.35	16	14.62	
Russia	9	13.30	,	12.74	0	14.33	10	14.02	
	0		^		0		0		
Kenai, AK	0	 	0 0		0	 	0 0		
Total (Russia)	U	-	U		U	-	U		
Total LNG	3,577	5.65	3,509	5.86	4,753	5.85	5,017	5.91	
Total Exports	62,477	7.47	50,736	7.41	77,036	7.33	56,539	7.35	

Table SR8. U.S. Natural Gas Exports by Point of Exit, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

	20	007	2006							
Point of	Jan	uary	T	otal	Dece	ember	Nov	ember		
Exit	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Pric		
Pipeline										
Canada										
Detroit, MI	1,188	5.27	22,156	7.61	1,291	7.37	1,370	6.86		
Havre, MT	1,873	6.24	21,245	6.05	2,203	6.77	1,728	5.81		
Marysville, MI	1,115	7.21	3.483	7.36	1.014	7.83	204	7.45		
Sault Ste. Marie, MI	589	5.99	5,070	8.11	1,017	7.69	1,040	7.72		
St. Clair, MI	35,475	6.46	286,582	7.39	40,742	8.01	40,304	7.56		
Sumas, WA	423	6.41	2,529	6.58	611	7.31	281	8.24		
Total (Canada)	40,663	6.43	341,065	R 7.32	46,878	[₹] 7.91	44,928	7.48		
Mexico										
	220	7.24	24.057	6.60	0		0			
Alamo, TX	238	7.24	24,057	6.62						
Calexico, CA	422	6.55	5,291	6.60	429	7.30	442	7.14		
Clint, TX	6,257	6.64	71,451	6.42	5,857	7.11	5,184	6.82		
Del Rio, TX	26	7.56	0		0		0			
Douglas, AZ	1,622	7.25	15,647	6.26	1,246	6.62	745	6.50		
Eagle Pass, TX	219	5.89	2,118	6.73	179	6.99	193	6.86		
El Paso, TX	1,259	6.53	8,143	6.47	1,300	6.80	836	6.40		
McAllen, TX	0		18,631	6.76	187	7.46	811	7.24		
Nogales, AZ	1	6.31	0		0		0			
Ogilby, CA	7,700	7.42	95,710	6.31	7,751	6.95	7,701	6.65		
Penitas,TX	0		0		0		0			
Rio Bravo, TX	4,021	6.44	60,432	6.51	2,762	7.13	2,594	6.89		
Roma, TX	1,918	7.29	20,476	6.75	902	7.42	1,420	7.06		
Total (Mexico)	23,680	6.95	321,955	6.46	20,613	7.02	19,926	6.78		
Total Pipeline	64,344	6.62	663,020	^R 6.90	67,490	^R 7.64	64,854	7.26		
LNG										
Canada										
Buffalo, NY	0		0		0		0			
Total (Canada)	ŏ		ŏ		0		Ŏ			
Japan	U		U		U		U			
Kenai, AK	4,870	6.07	60,765	6.00	4,417	6.41	4,806	6.40		
Total (Japan)	4,870	6.07	60,765	6.00	4,417	6.41	4,806	6.40		
Mexico	4,070	0.07	00,703	0.00	4,417	0.41	4,000	0.40		
Nogales, AZ	6	12.66	74	14.83	11	15.26	17	14.85		
	2	10.33	99	12.33	5	13.21	11	13.04		
Otay Mesa, CA	7				_					
Total (Mexico)	/	12.16	173	13.40	16	14.67	28	14.12		
Russia	_		_		_		_			
Kenai, AK	0		0		0		0			
Total (Russia)	0		0	-	0	-	0			
Total LNG	4,878	6.08	60,938	6.02	4,433	6.44	4,834	6.45		
Total Exports	69,221	6.58	723,958	^R 6.83	71,923	7.57	69,688	7.21		

Table SR8. U.S. Natural Gas Exports by Point of Exit, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

				200	6			
Point of	Oct	ober	Sept	ember	Aug	gust	J	uly
Exit	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Pric
Pipeline		<u>'</u>				1		•
Canada								
Detroit, MI	927	3.65	1,641	6.18	1,475	6.24	1,516	6.08
Havre, MT	1,734	4.67	1,950	4.91	1,787	6.10	1,980	5.33
Marysville, MI	270	4.60	219	6.77	225	6.96	224	5.79
Sault Ste. Marie, MI	148	4.98	94	6.51	74	6.87	60	5.65
St. Clair, MI	27,361	4.76	19,033	6.31	12,546	7.05	12,388	6.16
Sumas, WA	27,501	4.70	19,033	0.51	1,079	6.25	456	5.33
Total (Canada)	30,440	4.72	22,936	^R 6.19	17,187	R 6.83	16,624	⁸ 6.03
Mexico								
	4.405	F 07	4.470	5.04	4.070	7.44	0.000	0.04
Alamo, TX	1,105	5.67	1,179	5.21	1,279	7.44	3,890	6.04
Calexico, CA	520	4.46	465	6.64	477	6.92	480	5.86
Clint, TX	6,318	5.11	5,539	6.05	6,660	6.99	6,641	5.89
Del Rio, TX	0		0		0		0	
Douglas, AZ	1,631	5.35	1,457	6.06	1,403	6.81	1,398	5.83
Eagle Pass, TX	190	4.69	167	6.57	171	6.56	142	6.02
El Paso, TX	585	5.64	438	4.81	528	7.10	398	5.92
McAllen, TX	476	7.85	586	5.16	2,583	7.39	3,024	6.09
Nogales, AZ	0		0		0		0	
Ogilby, CA	8,158	5.18	9,344	5.28	10,442	7.02	11,657	5.98
Penitas,TX	0		0		0		0	
Rio Bravo, TX	4,535	5.18	6,269	5.26	5,805	7.49	6,840	6.04
Roma, TX	1,750	6.21	463	5.26	2,563	7.27	2,173	6.12
Total (Mexico)	25,268	5.31	25,907	5.50	31,912	7.15	36,643	5.99
Total Pipeline	55,708	4.99	48,843	^R 5.82	49,099	7.04	53,267	^R 6.00
LNG								
Canada								
Buffalo, NY	0		0		0		0	
Total (Canada)	ŏ		ŏ		Ŏ		Ŏ	
Japan	U		U		U		U	
Kenai, AK	3,171	6.24	3,726	6.20	5,628	6.15	5,595	5.94
	3,171 3,171	6.24 6.24	3,726 3,726	6.20 6.20				5.94 5.94
Total (Japan)	3,171	0.24	3,720	0.20	5,628	6.15	5,595	3.94
Mexico	4.5	44.70	4	11.00	•	45.05	•	12.04
Nogales, AZ	15 10	11.72 10.33	4 10	14.09	2 10	15.35 12.94	2 11	13.04 11.89
Otay Mesa, CA				12.60				
Total (Mexico)	26	11.16	14	13.04	12	13.42	12	12.04
Russia	_		_		_		-	
Kenai, AK	0		0		0		0	
Total (Russia)	0		0		0		0	
Total LNG	3,196	6.28	3,740	6.22	5,640	6.17	5,607	5.95
Total Exports	58,904	5.06	52,583	5.90	54,739	6.98	58,874	6.02

Table SR8. U.S. Natural Gas Exports by Point of Exit, 2006-2007(Volumes in Million Cubic Feet; Average Prices in Dollars per Thousand Cubic Feet) – Continued

				200	6			
Point of	Jι	ine	N	lay	Ą	oril	M	arch
Exit	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Pric
Pipeline								•
Canada								
Detroit, MI	1,469	5.70	2,510	8.11	2,734	6.76	2,618	7.57
Havre, MT	1,651	5.28	1,631	5.69	1,649	6.32	1,704	6.19
Marysville, MI	230	5.86	220	7.13	218	7.19	226	7.30
Sault Ste. Marie, MI	64	5.99	101	7.09	55	7.14	647	7.15
St. Clair, MI	19,559	6.12	16,881	7.16	10,994	7.22	32,169	7.20
Sumas, WA	0		0		0		44	6.40
Total (Canada)	22,974	6.03	21,343	^R 7.16	15,651	^R 7.05	37,407	7.18
Mexico								
Alamo, TX	5,190	6.04	4,999	6.87	1,399	7.43	2,307	6.73
					404	7.43 6.41		
Calexico, CA	460	5.55	462	6.38 5.94			430	6.35 6.05
Clint, TX	6,657	5.90	7,592		4,362	6.41	6,012	6.05
Del Rio, TX	0		0		0		0	
Douglas, AZ	1,309	5.74	1,431	5.90	1,423	6.13	1,445	6.14
Eagle Pass, TX	179	6.03	185	7.04	164	7.09	182	6.80
El Paso, TX	488	5.98	650	5.61	576	6.26	880	6.99
McAllen, TX	3,496	6.26	2,574	6.42	1,428	7.41	1,690	6.91
Nogales, AZ	0		0		0		0	
Ogilby, CA	9,586	5.70	6,634	5.73	6,263	6.19	6,653	6.26
Penitas,TX	0		0		0		0	
Rio Bravo, TX	6,838	6.23	7,588	6.36	4,865	7.17	5,768	6.78
Roma, TX	2,933	6.29	3,509	6.32	3,063	7.39	1,099	7.10
Total (Mexico)	37,136	5.99	35,625	6.20	23,948	6.73	26,466	6.46
Total Pipeline	60,110	6.01	56,968	6.56	39,599	6.85	63,872	6.88
LNG								
Canada								
Buffalo, NY	0		0		0		0	
Total (Canada)	ŏ		ŏ		ŏ		Ŏ	
Japan	U		U		U		U	
Kenai, AK	5,586	5.93	5,575	5.93	5,570	5.74	5,556	5.68
		5.93		5.93 5.93		5.74 5.74		5.68
Total (Japan) Mexico	5,586	5.95	5,575	5.95	5,570	3.74	5,556	3.00
	2	10.61	2	4E 0E	2	14.55	2	16.61
Nogales, AZ	10	13.61	12	15.05	10		3 2	16.61
Otay Mesa, CA		11.48		12.39		12.29		12.85
Total (Mexico)	12	11.91	14	12.86	13	12.72	5	15.37
Russia	_		_		_		-	
Kenai, AK	0		0		0		0	
Total (Russia)	0	-	0		0	-	0	-
Total LNG	5,598	5.94	5,589	5.95	5,582	5.76	5,561	5.69
Total Exports	65,708	6.00	62,557	6.50	45,181	6.72	69,434	6.79

Table SR8. U.S. Natural Gas Exports by Point of Exit, 2006-2007

	2006							
Point of Exit	Feb	ruary	January					
	Volume	Average Price	Volume	Average Price				
Pipeline				•				
Canada								
Detroit, MI	2,292	9.06	2,312	12.96				
Havre, MT	1,493	7.16	1,734	8.54				
Marysville, MI	205	8.71	227	11.74				
Sault Ste. Marie, MI	842	8.32	929	10.70				
St. Clair, MI	27,829	8.37	26,777	10.69				
Sumas, WA	58	6.96	0	==				
Total (Canada)	32,718	8.36	31,979	10.74				
Mexico								
Alamo, TX	1,147	7.38	1,562	8.87				
Calexico, CA	355	7.52	368	9.93				
Clint, TX	5,125	6.82	5,502	8.47				
Del Rio, TX	0		0					
Douglas, AZ	1,249	7.02	909	7.97				
Eagle Pass, TX	173	7.27	193	8.73				
El Paso, TX	772	6.99	690	7.66				
McAllen, TX	1,456	7.46	318	9.24				
Nogales, AZ	0		0					
Ogilby, CA	6,387	7.20	5,134	8.81				
Penitas,TX	0		0					
Rio Bravo, TX	3,469	7.50	3,101	7.74				
Roma, TX	336	8.18	265	9.37				
Total (Mexico)	20,469	7.19	18,043	8.48				
Total Pipeline	53,188	7.91	50,022	^R 9.93				
LNG								
Canada								
Buffalo, NY	0		0					
Total (Canada)	Ŏ		Ö					
Japan	•		•					
Kenai, AK	5,563	5.79	5,572	5.88				
Total (Japan)	5,563	5.79	5,572	5.88				
Mexico	,		-7-					
Nogales, AZ	5	17.01	7	19.67				
Otay Mesa, CA	10	13.45	0					
Total (Mexico)	15	14.58	7	19.67				
Russia								
Kenai, AK	0		0					
Total (Russia)	0		0	-				
Total LNG	5,578	5.81	5,579	5.90				
Total Exports	58,766	7.71	55,600	9.52				

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

Sources: Energy Information Administration based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*.

Not applicable.

R = Revised data.

Table SR9. Summary of U.S. Natural Gas Exports, 1978-2007

1978 Total	66 76 113 106 162 136 127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	1.79 2.04 3.31 4.79 4.95 4.60 4.19 3.06 2.12 1.81	4,033 4,308 3,886 3,337 1,705 1,646 1,786 2,207 1,896 2,125	1.65 1.97 2.47 3.37 5.17 4.79 4.48 3.99	4,098 4,384 3,999 3,443 1,867 1,782 1,913	1.66 1.97 2.50 3.41 5.15
Volid 1978 Total 1979 Total 1980 Total 1981 Total 1982 Total 1984 Total 1985 Total 1986 Total 1987 Total 1988 Total 1989 Total 1999 Total 1999 Total 1991 Total 1992 Total 1992 Total 1994 Total 1995 Total 1995 Total 1995 Total 1995 Total 1996 Total 1997 Total 1998 Total 1999 Total 1995 Total 1996 Total 1997 Total 1998 Total 1999 Tot	66 76 113 106 162 136 127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	1.79 2.04 3.31 4.79 4.95 4.60 4.19 3.06 2.12 1.81	4,033 4,308 3,886 3,337 1,705 1,646 1,786 2,207 1,896	1.65 1.97 2.47 3.37 5.17 4.79 4.48	4,098 4,384 3,999 3,443 1,867	1.66 1.97 2.50 3.41 5.15
1979 Total	76 113 106 162 136 127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	2.04 3.31 4.79 4.95 4.60 4.19 3.06 2.12 1.81	4,308 3,886 3,337 1,705 1,646 1,786 2,207 1,896	1.97 2.47 3.37 5.17 4.79 4.48	4,384 3,999 3,443 1,867	1.97 2.50 3.41 5.15
1979 Total 1980 Total 1981 Total 1982 Total 1982 Total 1984 Total 1984 Total 1985 Total 1986 Total 1987 Total 1987 Total 1989 Total 1990 Total 1990 Total 1991 Total 1992 Total 1993 Total 1994 Total 1995 Total 1995 Total 1995 Total 1996 Total 1997 Total 1998 Total 1997 Total 1998 Total 1999 Total 199	76 113 106 162 136 127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	2.04 3.31 4.79 4.95 4.60 4.19 3.06 2.12 1.81	4,308 3,886 3,337 1,705 1,646 1,786 2,207 1,896	1.97 2.47 3.37 5.17 4.79 4.48	4,384 3,999 3,443 1,867	1.97 2.50 3.41 5.15
980 Total	113 106 162 136 127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	3.31 4.79 4.95 4.60 4.19 3.06 2.12 1.81	3,886 3,337 1,705 1,646 1,786 2,207 1,896	2.47 3.37 5.17 4.79 4.48	3,999 3,443 1,867 1,782	2.50 3.41 5.15
981 Total	106 162 136 127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	4.79 4.95 4.60 4.19 3.06 2.12 1.81	3,337 1,705 1,646 1,786 2,207 1,896	3.37 5.17 4.79 4.48	3,443 1,867 1,782	3.41 5.15
982 Total	162 136 127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	4.95 4.60 4.19 3.06 2.12 1.81	1,705 1,646 1,786 2,207 1,896	5.17 4.79 4.48	1,867 1,782	5.15
984 Total	127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	4.19 3.06 2.12 1.81	1,786 2,207 1,896	4.48		
984 Total	127 178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	4.19 3.06 2.12 1.81	1,786 2,207 1,896	4.48		4.70
985 Total	178 9,203 3,297 19,738 38,443 17,359 14,791 67,777	3.06 2.12 1.81	2,207 1,896		1,913	4.78
986 Total	9,203 3,297 19,738 38,443 17,359 14,791 67,777	2.12 1.81	1,896			4.46
988 Total	3,297 19,738 38,443 17,359 14,791 67,777	1.81			2,385	3.92
988 Total	19,738 38,443 17,359 14,791 67,777		2.125	3.49	11,099	2.35
989 Total	38,443 17,359 14,791 67,777	2 02	_,	3.18	5,421	2.35
990 Total	17,359 14,791 67,777	2.02	2,327	3.21	22,065	2.14
991 Total	14,791 67,777	2.00	17,004	2.14	55,447	2.05
991 Total	67,777	2.70	15,659	1.88	33,018	2.31
992 Total	67,777	1.91	60,448	1.76	75,239	1.79
993 Total		1.83	95,973	1.90	163,750	1.88
994 Total	44 540					
995 Total	44,518	2.14	39,676	2.02	84,195	2.08
996 Total	52,556	2.42	46,500	1.68	99,057	2.08
998 Total	27,554	1.96	61,283	1.50	88,836	1.64
998 Total	51,905	2.67	33,840	2.11	85,745	2.45
999 Total	56,447	2.52	38,372	2.46	94,818	2.49
999 Total	39,891	2.25	53,133	2.04	93.023	2.13
000 Total 7 001 Total 16 002 Total 18 003 Total 27 004 Total 38 005 Total 38 006 January January 39 March 30 April 30 May 20 June 20 July 20 August 20 September 20 October 30 November 20 December 20 January 24 February 34	38,508	2.35	61,025	2.27	99,533	2.30
201 Total 16 202 Total 18 203 Total 27 204 Total 38 205 Total 38 206 January 6 January 6 January 7 March 6 April 7 June 2 July 7 August 7 September 2 October 3 November 2 December 3 Total 34 2007 January 4 February 3	72,586	3.66	105,102	4.26	177,688	4.02
002 Total 18 003 Total 27 004 Total 36 005 Total 36 006 January January 6 March 6 April 7 May 2 July 2 August 2 November 2 December 4 Total 34 007 January 4 February 3	72,566 166,690	3.97		4.34		4.14
003 Total 27 004 Total 38 005 Total 38 006 January 5 March 5 May 2 June 2 July 5 September 2 October 5 November 2 December 2 Total 34 007 January 2 January 2 January 3 January 4 February 3 Jone 5 Jone 6 Jone 6 Jone 7 January 4 Jone 7 January 4 Jone 7 January 4 Jone 7 Jone	189,313	3.35	140,370 263,078	3.30	307,060 452,391	3.32
004 Total 36 005 Total 36 006 January 36 January 36 March 36 April 37 May 27 June 37 July 37 August 37 September 37 October 37 November 37 December 37 Total 34 007 January February 38						
006 36 January 36 February 37 March 38 April 39 May 29 July 39 August 39 September 20 October 30 November 20 December 34 Total 34 Total 34 February 35	270,988	6.03	342,859	5.36	613,848	5.66
006 January 3 February 3 March 3 April 4 May 2 June 2 July 4 August 5 September 2 October 3 November 4 December 4 Total 34 007 3 January 4 February 5	394,585	6.47	397,086	5.89	791,671	6.18
January	358,280	7.80	304,954	7.74	663,234	7.77
February						
March 34 April 34 May 2 June 2 July 2 August 3 September 2 October 3 November 4 December 3 Total 34 007 3 January 4 February 3	31,979	10.74	18,043	8.48	50,022	9.93
March	32,718	8.36	20,469	7.19	53,188	7.91
April	37,407	7.18	26,466	6.46	63,872	6.88
May	15,651	7.05	23,948	6.73	39,599	6.85
June	21,343	7.16	35,625	6.20	56,968	6.56
July	22,974	6.03	37,136	5.99	60,110	6.01
August	16,624	6.03	36,643	5.99	53,267	6.00
September 2 October 3 November 4 December 4 Total 34 007 January 4 February 3	17,187	6.83	31,912	7.15	49,099	7.04
October	22,936	6.19	25,907	5.50	48,843	5.82
November	30.440	4.72	25,907 25,268	5.31	55,708	4.99
December	30,440 44,928	4.72 7.48	25,266 19,926	6.78	64,854	7.26
007 January 4 February	46,878	7.40 7.91	20,613	7.02	67,490	7.64
007 January	341,065	7.32	321,955	6.46	663,020	6.90
January February	,	-	,		,.	-
February	10.000	2 42			2.2	2.5-
	40,663	6.43	23,680	6.95	64,344	6.62
warch 5	34,287	7.56	17,236	7.35	51,522	7.49
	53,430	7.61	18,853	6.91	72,282	7.42
	31,748	7.73	15,479	7.11	47,227	7.53
	35,031	7.74	23,869	7.34	58,901	7.58
June 2	28,197	7.68	25,763	7.11	53,960	7.41
	37,897	6.81	28,516	6.12	66,412	6.51
	,	6.06	29,945	6.14	57,554	6.10
		5.78	28,484	5.84	61,468	5.81
	27,608	6.66	28,902	6.22	59,996	6.45
	27,608 32,984	7.45	25,661	6.24	83,249	7.08
	27,608 32,984 31,094	7.64	25,384	6.76	97,055	7.41
Total 48	27,608 32,984	7.17	291,773	6.60	773,969	6.96

Table SR9. Summary of U.S. Natural Gas Exports, 1978-2007

Voor	LNG							
Year and Month	Canada		Japan		Mexico			
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
978 Total	0		48,434	2.17	0	_		
79 Total	Õ		51,289	2.32	Ö	_		
80 Total	0		44,732	4.90	0			
						-		
81 Total	0		55,929	6.05	0	-		
82 Total	0		49,861	5.83	0	-		
83 Total	0		52,857	5.11	0	-		
84 Total	0		52,840	4.93	0	-		
85 Total	0		52.883	4.81	0			
86 Total	Õ		50,172	2.91	Ö			
87 Total	0		48,599	3.15	0	•		
88 Total	0		51,573	2.99	0			
89 Total	0		51,424	3.01	0			
90 Total	Õ		52,546	3.59	Ö			
91 Total	0		54,005	3.71	0			
						•		
92 Total	0		52,532	3.43	0			
93 Total	0		55,989	3.34	0			
94 Total	0		62,682	3.18	0	,		
95 Total	Õ		65,283	3.41	Ö			
	0				0	·		
96 Total			67,648	3.65		•		
97 Total	0		62,187	3.83	0	-		
98 Total	0		65,951	2.91	33	5.6		
99 Total	0		63,607	3.08	275	6.9		
00 Total	Õ		65,610	4.31	418	5.8		
01 Total	0		65,753	4.39	465	5.8		
002 Total	0		63,439	4.07	403	5.8		
03 Total	0		65,698	4.47	376	5.8		
004 Total	Ō		62,099	4.94	368	8.19		
05 Total	0		65,124	5.77	242	11.8		
0 6 anuary	0		5,572	5.88	7	19.6		
	0							
ebruary	-		5,563	5.79	15	14.5		
1arch	0		5,556	5.68	5	15.3		
vpril	0		5,570	5.74	13	12.7		
Лау	0		5,575	5.93	14	12.8		
une	0		5,586	5.93	12	11.9		
uly	Õ		5,595	5.94	12	12.0		
ugust	0		5,628	6.15	12	13.4		
0								
September	0		3,726	6.20	14	13.0		
October	0		3,171	6.24	26	11.1		
lovember	0		4,806	6.40	28	14.1		
ecember	0		4,417	6.41	16	14.6		
Total	0		60,765	6.00	173	13.4		
07								
anuary	0		4,870	6.07	7	12.1		
ohruani	0							
ebruary			5,001	5.88	16	14.6		
larch	0		4,745	5.83	8	14.3		
pril	0		3,502	5.85	7	12.7		
lay	0		3,568	5.63	9	13.3		
une	0		3,342	5.71	6	14.1		
uly	2	12.07	4,239	5.86	7	12.9		
		12.01						
ugust	0		4,310	6.05	6	12.9		
September	0		3,604	6.13	5	11.4		
October	0		1,680	6.20	6	11.9		
lovember	0		3,204	6.32	5	12.8		
ecember	0		4,436	6.27	5	13.4		

Table SR9. Summary of U.S. Natural Gas Exports, 1978-2007

Year and Month	LNG		Total LNG		Grand Total	
	Russia		Volume	A B.:	Walana a	Averent Drive
	Volume	Average Price	volume	Average Price	Volume	Average Price
1978 Total	0		48,434	2.17	52,532	2.13
1979 Total	0		51,289	2.32	55,673	2.29
1980 Total	0		44,732	4.90	48,731	4.70
1981 Total	0		55,929	6.05	59,372	5.90
1982 Total	0		49,861	5.83	51,728	5.81
1983 Total	0		52,857	5.11	54,639	5.10
1984 Total	0		52,840	4.93	54,753	4.92
1985 Total 1986 Total	0 0		52,883 50,172	4.81 2.91	55,268 61,271	4.77 2.81
1987 Total	0		48,599	3.15	54,020	3.07
	O .		40,000	0.10	04,020	0.07
1988 Total	0		51,573	2.99	73,638	2.74
1989 Total	0		51,424	3.01	106,871	2.51
1990 Total	0		52,546	3.59	85,565	3.10
1991 Total	0		54,005	3.71	129,244	2.59
1992 Total	0		52,532	3.43	216,282	2.25
1993 Total	0		55,989	3.34	140,183	2.59
1994 Total	0		62,682	3.18	161,738	2.50
1995 Total	0		65,283	3.41	154,119	2.39
1996 Total	0		67,648	3.65	153,393	2.97
1997 Total	0		62,187	3.83	157,006	3.02
1998 Total	0		65,984	2.91	159,007	2.45
1999 Total	0		63,882	3.10	163,415	2.61
2000 Total	0		66,028	4.32	243,716	4.10
2001 Total	0		66,218	4.40	373,278	4.19
2002 Total	0		63,842	4.08	516,233	3.41
2003 Total	0		66,075	4.47	679,922	5.54
2004 Total	0 0		62,467	4.96	854,138	6.09
2005 Total	U		65,367	5.79	728,601	7.59
2006	0		F F70	5.00	FF 000	0.50
January	0 0		5,579	5.90 5.81	55,600 58,766	9.52 7.71
February March	0		5,578 5,561	5.69	69,434	6.79
April	0		5,582	5.76	45,181	6.72
May	Ö		5,589	5.95	62,557	6.50
June	0		5,598	5.94	65,708	6.00
July	0		5,607	5.95	58,874	6.02
August	0		5,640	6.17	54,739	6.98
September	0		3,740	6.22	52,583	5.90
October	0		3,196	6.28	58,904	5.06
November December	0		4,834 4,433	6.45 6.44	69,688 71,923	7.21 7.57
Total	0		60,938	6.02	723,958	6.83
2007						
January	0		4,878	6.08	69,221	6.58
February	0		5,017	5.91	56,539	7.35
March	0		4,753	5.85	77,036	7.33
April	0		3,509	5.86	50,736	7.41
May	0		3,577	5.65	62,477	7.47
June July	0		3,349 4 247	5.73 5.87	57,309 70,660	7.31 6.47
•	0		4,247 4,316	5.87 6.06	70,660 61,870	6.47 6.10
August September	0		3,609	6.14	65,077	5.83
October	1,895	12.12	3,580	9.34	63,576	6.61
November	0	12.12	3,209	6.33	86,458	7.05
December	0		4,441	6.28	101,495	7.36
Total	1,895	12.12	48,485	6.23	822,454	6.92
	1,000	12.12	70,700	0.20	J_L, TJ T	0.02

Not applicable.

1972-1994: Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." 1995 to present: Energy Information Administration, based on data from the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and* Exports.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska. LNG exports to Mexico are shipped by truck.

Sources: 1955-1971: Federal Power Commission, informally collected by letter.