Outline: Preferential Trading Arrangements and the NAFTA

- What Are PTAs?
- Examples
  - European Union (EU)
  - North American Free Trade Agreement (NAFTA)
- Effects of PTAs
  - Not the Same as Free Trade
    - Trade Creation
    - Trade Diversion
  - Market Diagram Illustration
- NAFTA
  - History
  - Analysis
  - What Happened?
- NAFTA Renegotiation and USMCA

What Are PTAs?

- A Preferential Trading Arrangement (PTA) is a trade policy that favors one country over another
- Most obvious cases: Charge a lower, or zero, tariff on imports from one country while charging a higher tariff on imports from another
- Also called a Regional Trade Agreement (RTA – the term used by the Gerber textbook and by the WTO) when a group of countries in a region do this with each other
  - Term is used even when the countries are not near each other
What Are PTAs?

- In WTO (and GATT), the MFN principle would prohibit this
  - All members are supposed to be charged a country’s MFN (Most Favored Nation) tariff
  - However, some exceptions are explicitly permitted in rules of GATT & WTO

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Examples of Legal PTAs

Permitted by WTO:
- Free Trade Areas (FTAs)
  - Members have zero tariffs against each other on essentially everything (also Customs Unions and Common Markets, which include FTAs)
- GSP = Generalized System of Preferences
  - Developed countries have lower (not usually zero) tariffs on some goods from developing countries
Examples of Legal PTAs

Permitted by WTO:

- Also
  - Anti Dumping Duties (higher tariff against some than against others)
  - Countervailing Duties (ditto)
  - Note: “safeguards” tariffs are also permitted,
    - But they are not normally PTAs; they are supposed to be nondiscriminatory

Examples of PTAs

- Variations on FTAs
  - FTA:
    - Two or more countries set zero tariffs on all (or almost all) imports from each other
    - Keeping their old (presumably different) tariffs against outside countries
    - Must include “rules of origin” (ROOs)
      - ROO = criteria that must be met, regarding location of production, for a good to cross a border tariff-free within the FTA
      - Otherwise, all trade would enter through lowest-tariff country

Examples of PTAs

- Variations on FTAs
  - Customs Union (CU)
    - FTA + Common External Tariffs (on each good)
    - (no need for ROOs)
  - Common Market
    - CU + free movement of factors (capital and labor) among members
Examples of PTAs

• European Union (EU)
  – A Customs Union
    • Originally among 6 countries (France, Germany, Italy, Belgium, Netherlands, Luxembourg)
    • Called, then, the "European Economic Community" (EEC)
  – Later
    • Became a Common Market
    • Grew intermittently to 15 countries
      – then, to 25 in 2004, to 27 in 2007
      – and, in 2013, to 28 (adding Croatia)
    • Changed name
      – First to "European Community" (EC)
      – Then later to "European Union"

EU Members

Austria  Austria  Austria  Italy
Belgium  Belgium  Bulgaria  Latvia
Bulgaria  Croatia  Lithuania  Luxembourg
Czech Repub.  Cyprus  Luxembourg  Malta
Czech Repub.  Denmark  Malta  Netherlands
Czech Repub.  Estonia  Malta  Netherlands
Czech Repub.  Estonia  Portugal  Poland
Czech Repub.  Finland  Romania  Slovakia
Czech Repub.  France  Romania  Slovenia
Czech Repub.  Germany  Romania  Spain
Czech Repub.  Greece  Slovenia  Spain
Czech Repub.  Greece  Sweden  Spain
Czech Repub.  Hungary  Sweden  U.K.
Czech Repub.  Ireland  Sweden  U.K.

Examples of PTAs

• North American Free Trade Area (NAFTA)
  – US, Canada, Mexico
  – Started in 1994
  – More on this later

• Mercosur
  – Customs union in South America
  – Includes Brazil, Argentina, Paraguay, Uruguay, Venezuela
Examples of PTAs

- US also now has smaller FTAs with
  - Israel (since 1985)
  - 2-country FTAs with Australia, Bahrain, Chile, Jordan, Morocco, Oman, Peru, Singapore
  - A contentious FTA was CAFTA (Central American Free Trade Agreement), approved 2005
  - Somewhat recently, 3 more (Colombia, Panama, and S. Korea)
    - Negotiated 2007
    - Approved late 2011
    - Went into effect in 2012
  - US was to be part of TPP under Obama, but no longer.

- There are more than 400 FTAs and similar arrangements that have been notified to the WTO
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Effects of PTAs

- They are NOT the same as multilateral free trade, when a country eliminates tariffs against all other countries
  - The name “free trade area” is misleading
  - It is likely that countries outside a PTA will lose from it
  - Even the members of the PTA may lose from it!

Effects of PTAs

- Two main effects of a PTA
  - Trade Creation
    = Importing from the partner what you would otherwise produce at home
  - Trade Diversion
    = Importing from the partner what you would otherwise import from another (“third”) country
Effects of PTAs

- Welfare effects of one country reducing its tariff on a good from a partner country:
  - Importing country
    - Gains from trade creation
    - Loses from trade diversion (we'll see why shortly)
  - Partner country gains regardless
  - Rest of world
    - Loses from trade diversion
    - Not much affected by trade creation

Effects of PTAs

- Reasons
  - Trade creation is much like true free trade
    - At zero tariff, import from partner only if its cost is lower
    - Thus resources are used more efficiently
  - Trade diversion is not like true free trade
    - What was imported from 3rd country, not partner, when both paid the same tariff, must have cost more in the partner than in the 3rd country
    - Switching to the partner is a switch to a higher cost source for the good

Effects of PTAs

- With trade diversion, importing country is paying more for the good
  - The importing person is not paying more, since the person doesn’t pay a tariff on imports from the partner
  - But the importing country got to keep the tariff revenue on imports from 3rd countries
    - Thus the price a person paid on import from 3rd country was higher than the price the country paid
Effects of PTAs

- Example
  - Suppose that, before NAFTA
    - The US imported sugar subject to a 25% tariff
    - The cost of sugar was
      - $8 in Haiti
      - $9 in Mexico
    - US sugar importers would pay, with the tariff,
      - 1.25 × $10.00 from Haiti
      - 1.25 × $11.25 from Mexico
    - So they buy from Haiti
      - The importers pay $10.00
      - The US government keeps $2.00 of that
      - So the US as a country pays only $8.00

- Example
  - Now with NAFTA
    - the tariff on sugar from Mexico becomes zero
    - US sugar importers would pay,
      - 1.25 × $8 = $10.00 from Haiti
      - $9.00 from Mexico
    - So they buy from Mexico
      - The importers pay $9.00
      - The US government gets nothing
      - So the US as a country pays $9.00

---

**EXAMPLE:**

<table>
<thead>
<tr>
<th></th>
<th>Without NAFTA</th>
<th>With NAFTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Price in Haiti</td>
<td>$8</td>
<td>$8</td>
</tr>
<tr>
<td>b. Price in Mexico</td>
<td>$9</td>
<td>$9</td>
</tr>
<tr>
<td>c. Tariff on Haiti</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>d. Tariff on Mexico</td>
<td>25%</td>
<td>0%</td>
</tr>
<tr>
<td>e. Price from Haiti</td>
<td>$10.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>f. Price from Mexico</td>
<td>$11.25</td>
<td>$9.00</td>
</tr>
<tr>
<td>g. Imports come from</td>
<td>Haiti</td>
<td>Mexico</td>
</tr>
<tr>
<td>h. Importers pay</td>
<td>$10.00</td>
<td>$9.00</td>
</tr>
<tr>
<td>i. Government gets</td>
<td>$2.00</td>
<td>0</td>
</tr>
<tr>
<td>j. Country’s net cost</td>
<td>$8.00</td>
<td>$9.00</td>
</tr>
</tbody>
</table>
Effects of PTAs

• Market-diagram Illustration
  – Suppose Country A can import a good from either Country B or Country C at prices
    \[ P_C < P_B \]
  – And Country A has a tariff greater than the price difference:
    \[ t > (P_B - P_C) \]
  – What happens when Country A forms a PTA with high-cost Country B, lowering its tariff to zero on imports from Country B?

Effects of PTAs

Before FTA
\[ P_C + t < P_B + t, \text{ so} \]
A imports from C

With FTA
\[ P_B < P_C + t, \text{ so} \]
A imports from B
Effects of PTAs

FTA of Country A and Country B:

Welfare effects
Producers lose \(-a\)
Consumers gain \(+ (a+b+c+d)\)
Gov’t loses \(- (c+e)\)
Net \(+ (b+d) - e\)

Market in Country A

\(P\)
\(P_B\)
\(P_C\)
\(D^A\)
\(Q\)

Effects of PTAs

FTA of Country A and Country B:

Implication:
Country A can lose from the FTA in this market, if 
\[ e > (b+d) \] 
(as is in this picture)

Trade Creation

Market Diagram Illustration

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NAFTA - History

• Before NAFTA, US had
  – US-Canada Auto Pact
    • Signed 1965
    • Free trade between US and Canada in cars and
car parts
  – US-Canada FTA
    • 1989
    • Prompted by
      – US frustration with multilateral negotiations
      – Canadian frustration with US AD and CVD policies

• Before NAFTA,
  – Mexico had
    • High tariffs, like most developing countries
    • Had begun to reduce them in 1980s
    • Even after reductions, Mexican tariffs were much
      higher than US tariffs
  – Maquiladora Arrangements with Mexico
    • Low tariffs on US imports from Mexico of goods
      processed there from US inputs
    • Initially restricted to border region

• NAFTA Negotiations
  – Done by Bush (Sr.) administration, 1991-2
  – Extended US-Canada FTA to include Mexico
  – Covered many issues in addition to trade
    • Investment
    • Intellectual Property
    • Services
  – Agreement was reached under Bush, but was
    not yet approved by Congress before 1993
NAFTA - History

- NAFTA Debate (around 1992 US election)
  - Those opposed
    - Labor unions (feared lost jobs and lower wages)
    - Some environmental groups (feared dirty industries)
    - Ross Perot (ran for president)
      - Fears firms would move to Mexico: “Great sucking sound”
    - Some Democrats

- NAFTA Debate (around 1992 US election)
  - Those in favor
    - Bush (Sr.) administration
    - Clinton (Bill) (but with reservations about labor and environment)
    - Most of the business community
    - Most economists (Not all)

- After Clinton won election
  - Clinton negotiated Side Agreements on Labor and Environment
  - NAFTA was approved (very narrowly) by Congress Nov 1993
NAFTA - History

• Jan 1, 1994: NAFTA took effect
• What happened?
  – Not much, at first
  – Then, almost a year later, the “Peso Crisis”

NAFTA - History

• Peso Crisis (also called “Tequila Crisis”)
  – Mexico’s exchange rate had been pegged
  – Resisted depreciation during 1994 due to Mexican presidential election in late ’94
  • Two assassinations in also 1994 disrupted Mexico
  – Late 1994 (after Mexican election)
    • Crisis hit
    • Peso devalued
    – Devaluation had devastating effects on the Mexican economy

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NAFTA - Analysis

• Before NAFTA
  – Many studies examined likely effects
  – Some, from both sides of the debate, used spurious analysis to support their views
    • Example: All imports from Mexico are viewed as costing jobs
    • On the positive side, advocates of NAFTA did the same with US exports, presumed to rise a lot because of Mexico’s high tariffs
    • Brown reading notes one study that overstated the benefits and understated the costs

• Before NAFTA
  Best academic studies (including “Michigan Model”) predicted
    • Positive, but very small, benefit to the US
    • Negligible disruption of US labor markets
    • Positive, somewhat larger, benefit to Mexico
    • Significant disruption in some Mexican markets
  – Nobody predicted Peso Crisis

• Reasons for small predicted effects on US
  – US MFN tariffs were already very low
  – Much trade with Mexico was already at even lower tariffs, under Maquiladora system
  – US trade with Mexico was big, but not all that big, compared to size of US economy
NAFTA - Analysis

• The issue that raised concern
  – Mexican wages were only about 1/10 of US wages
  – Seemed obvious to many (e.g., Ross Perot) that employers would move to Mexico

• Answer
  – Mexican wages were low for a reason: low productivity
  – If this had not been true, jobs would already have moved, given our already low tariffs

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NAFTA – What Happened

Peso Dropped One Year After

<table>
<thead>
<tr>
<th>Mexico Exchange Rate</th>
<th>Peso Crisis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarterly 1988-2004</td>
<td></td>
</tr>
</tbody>
</table>
NAFTA: What Happened - Mexico Reserves Dropped at Once

NAFTA: What Happened - Mexico GDP Fell after Peso Crisis

NAFTA: What Happened - Mexico Imports Fell after Crisis
NAFTA: What Happened - Mexico
Wages Fell after Crisis

NAFTA: What Happened - Mexico
Real Wages Plummeted!

NAFTA: What Happened - US
Unemployment: No effect (or fell)


NAFTA: What Happened - US Trade Grew, More To US than From
NAFTA: What Happened

• Posen (see reading) says
  – “For every 100 jobs US manufacturers created in
    Mexican manufacturing, they added nearly 250 jobs
    at their larger US home operations”
  – Unemployment in US was actually lower after NAFTA
    than before (until the 2008 financial crisis)
  – Fears of Mexican farmers crossing border into US
    haven’t happened:
    • border apprehensions have fallen since 2000,
    • as have most estimates of illegal immigration
  – Critics say NAFTA cost 45,000 jobs a year.
    • That may be true
    • But this is only 0.1% of normal job turnover in the US, where
      4m-6m workers leave or lose jobs per month

NAFTA: What Happened

• Villarreal & Fergusson (see reading) say
  – “In reality, NAFTA did not cause the huge job losses
    feared by the critics or the large economic gains
    predicted by supporters.”
  – “The net overall effect of NAFTA on the U.S. economy
    appears to have been relatively modest, primarily
    because trade with Canada and Mexico accounts for
    a small percentage of U.S. GDP.”
  – “However, there were worker and firm adjustment
    costs as the three countries adjusted to more open
    trade and investment among their economies.”

NAFTA: What Happened

• DeLong (see reading) notes that
  – The shift from manufacturing to services is just one of
    many such shifts that have happened in history
    • From hunter-gatherers to agriculture
    • And then horses, fertilizer, mechanization
    • From agriculture to manufacturing
  – Estimates of any jobs lost (shifted really) due to
    NAFTA were a tiny fraction of US employment
  – The decline in US manufacturing employment did not
    start, or even speed up, with NAFTA
NAFTA: What Should Happen?

- During 2008 primary campaign, Obama (& Clinton) argued for “renegotiating NAFTA”
  - Early on, said NAFTA was “devastating” and “a big mistake”
  - Obama later said only that he would “open up a dialogue” with Canada and Mexico
  - Wanted stronger agreements on labor and environmental standards

- After 2008
  - Obama administration did not tamper with NAFTA
  - NAFTA was not an issue in the 2012 campaign
  - Did negotiate TPP=Trans-Pacific Partnership, FTA that included Canada and Mexico

NAFTA: What Should Happen?

- Faux (see reading) says
  - NAFTA has
    - Caused a larger wage gap between US and Mexico
    - Turned US bilateral trade surplus into deficit
    - Driven 2 million Mexican farmers off the land (due to US subsidies)
    - Caused illegal immigration from Mexico to double
  - Reason: Mexico is “run by a small elite of crony capitalists” who were strengthened by NAFTA
  - Args for a deal that would
    - Create a “fund for investment in Mexico” (like what EU did for Spain, Portugal, Ireland, Greece)
    - In exchange, require “guarantees for free trade unions, enforceable minimum wages, and an increase in education and other social spending”
NAFTA: What Should Happen?

• Donald Trump, before election
  – Trump opposed NAFTA as early as 1993
    • "The Mexicans want it, and that doesn't sound good to me."
    • Called NAFTA "The single worst trade deal ever approved in this country."
• Donald Trump, after election
  – Called for renegotiation of NAFTA, as promised
  – May 18, 2017, Trump formally launched renegotiation
  – Aug 16, 2017, negotiations began

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NAFTA Renegotiation Issues

• Trade imbalances: Trump wants deficits to fall
• Rules of origin: tighten them
• Dispute mechanisms: keep or remove
  – Chapter 11: Investor-State Dispute Settlement (ISDS)
  – Chapter 19: Dumping and CVD
• Dairy and poultry (Canada’s policies)
• Sunset clause
• New issues (digital trade, state-owned enterprises, labor standards)
USMCA

- Outcome of the Renegotiation
  - May 18, 2017: Renegotiation began
  - Aug 27, 2018: Agreement reached between US and Mexico
  - Sep 30, 2018: Agreement reached with Canada to join USMCA
- USMCA = U.S.-Mexico-Canada Trade Agreement

- Features of USMCA
  - Auto rules of origin
    - Required North American content raised from 62.5% to 75%
    - 40-45% content must be from labor paid $16/hr or more (but does not rise with inflation)

- Features of USMCA
  - New rules (similar to TPP) on
    - Intellectual property
    - Environment
    - Labor
    - Financial services
    - Digital trade
USMCA

- Features of USMCA
  - Sunset clause? Not exactly
  - Revisit deal after 6 years
    - If happy, extend for 10 more
    - If not, new negotiations

- Canadian dairy
  - Canada will increase permitted imports of dairy from US, to 3.6% of its market
  - Canada to cease selling some dairy ingredients abroad at low prices and will tax exports over over some threshold

- Currencies
  - Commitment to “refrain from competitive devaluations and targeting exchange rates”
USMCA

• Features of USMCA
  – Trade with China
    • Countries must inform US 3 months before beginning trade negotiations with any "non-market economy" (i.e., China)
    • If agreement with such economy is reached, US can terminate USMCA with six months notice.

USMCA

• Features of USMCA
  – Chapter 19
    • Keeps this dispute settlement system for trade remedies such as anti-dumping
    • Does not apply them to "national-security-based" tariffs

USMCA

• Features of USMCA
  – Chapter 11 (ISDS)
    • Removes this for disputes between US and Canada
    • Keeps it for disputes with Mexico
USMCA

- “Side letter” of USMCA
  - Promise to shield Canada Mexico from future “national-security-based” tariffs (i.e., cars) (not enforceable)

USMCA

- NOT a Feature of USMCA
  - Removal of US recent tariffs on steel and aluminum from Canada and Mexico
    - But these were eventually removed anyway, May 17, 2019

USMCA

- Prospects for approval
  - Must be approved by all three legislatures
    - Canada: Dairy will resist, but approval assured
    - Mexico: Ratified June 19, 2019
    - US: Contentious, Democrats in House want changes
USMCA

- Importance of USMCA
  - Trump: “It’s not NAFTA redone, it’s a brand-new deal”
  - NYT: “a consequential set of revisions”
  - Economist: “a modest revision”, “inferior to the agreement it replaces”
  - Bown: deal to “result in less trade, not more”

Next Time

- International Policies for Economic Development: Trade
  - The Issues
  - Washington Consensus
  - Pros and cons of free trade for developing countries
  - Policy recommendations