

**CONVERGENCE OF FINANCIAL CRIMES  
FRAUD  
TERRORISM FINANCING  
MONEY LAUNDERING**

**ANALYSIS OF THE U.S. TRADE DATA BASE**

**DETECTING  
TRADE-BASED FINANCIAL CRIMES**

**SAS 5<sup>TH</sup> ANNUAL TERRORISM AND  
MONEY LAUNDERING FORUM**

**SEPTEMBER 16-17, 2009**

**John S. Zdanowicz, Ph.D.**

**Florida International Bankers Association**

**Professor of Finance**

**Florida International University**

**[john.zdanowicz@fiu.edu](mailto:john.zdanowicz@fiu.edu)**

**President – International Trade Alert, Inc.**

**[www.internationaltradealert.com](http://www.internationaltradealert.com)**

**[johnz@internationaltradealert.com](mailto:johnz@internationaltradealert.com)**

# **TRADE-BASED MONEY LAUNDERING**

## **INCREASED FOCUS**

**FFIEC – EXAMINATION MANUAL - 2005, 2006, 2007**

**ICE - ESTABLISHMENT OF TRADE TRANSPARENCY UNITS**

**FATF TRADE-BASED MONEY LAUNDERING REPORT - 2006**

**FATF BEST PRACTICES REPORT - 2008**

**IFSA - BAFT – GUIDELINES TRADE SERVICES – 2008**

**WOLFSBERG GROUP TRADE FINANCE PRINCIPLES - 2009**

## Trade-Based Money Laundering

“The process of disguising the proceeds of crime and moving value through the use of trade transactions to legitimize their illicit origins”

Financial Action Task Force - 2006

### **MONEY MOVED OUT OF THE UNITED STATES**

- Under-valued Exports
- Over-valued Imports

### **MONEY MOVED INTO THE UNITED STATES**

- Over-valued Exports
- Under-valued Imports

# UNDER-INVOICED EXPORTS

Move \$1,000,000 from US to Foreign Firm  
Through US Export at Low Price

1. US Firm has \$1 million to move to Foreign Firm
2. US Firm buys 200 gold watches at \$5,000 each (pay \$1,000,000)
3. Sell/Export 200 watches to Foreign Firm at \$5 each



4. The Foreign Firm: Sells 200 gold watches at \$5,000 each = \$1,000,000

# OVER-INVOICED IMPORTS

Move \$1,000,000 from US to Foreign Firm  
Through US Import at High Price

1. US Firm has \$1 million to move to Foreign Firm
2. Foreign Firm buys 10,000 pencils at 10 cents each (\$1,000) locally
3. Foreign Firm sells 10,000 pencils to US Firm at \$100 each



4. US Firm pays \$1,000,000 to Foreign Firm

# Impact of Trade Price Manipulation

- **Under-invoiced Exports**
  - Money laundering from illegal activities
  - Terrorist financing
  - Income tax avoidance/evasion
  - Capital flight
  - Avoid export surcharge
  - Conceal illegal commissions
- **Over-invoiced Exports**
  - Increase export subsidies

# Impact of Trade Price Manipulation

- **Over-invoiced Imports**
  - Money laundering from illegal activities
  - Terrorist financing
  - Income tax avoidance/evasion
  - Capital flight
  - Justify excessive high domestic prices under price control
  - Conceal illegal commissions
- **Under-invoiced Imports**
  - Avoid/Reduce import duties
  - Dumping at below market prices

**“The Impact of Switzerland’s Money Laundering Law  
on Capital Flows Through Abnormal Pricing in  
International Trade”**

Journal of Applied Financial Economics

January 2005, 15, 217 - 230

## **EVENT STUDIED**

**April 1998: Federal Act on the Prevention of Money Laundering in the Financial Sector – Money Laundering Act (MLA)**

## **TIME PERIOD STUDIED – 1995 TO 2000**

Before the Law: 1995, 1996, 1997

After the Law: 1998, 1999, 2000

## **OTHER VARIABLES EVALUATED**

Interest Rates: Swiss and U.S.

Exchange Rates: Swiss and U.S.

Consumer Price Index: Swiss and U.S.

Producer Price Index: Swiss and U.S.

## **RESULTS OF STUDY**

Other Variables had **NO** Impact on Movement of Money  
from Switzerland to U.S.

The only significant variable was the **NEW LAW**

## AVERAGE MONTHLY OUTFLOWS – BEFORE vs. AFTER

<u>Time Period</u>	<u>\$ Amount</u>	<u>% of Trade Volume</u>
Before the Law	\$ 252,863,571	28.93 %
After the Law	\$ 628,437,709	57.76 %
Percent Increase	149 %	100 %

## **CONCLUSION**

Increased Regulation of Financial Sector Shifts Money Laundering to International Trade

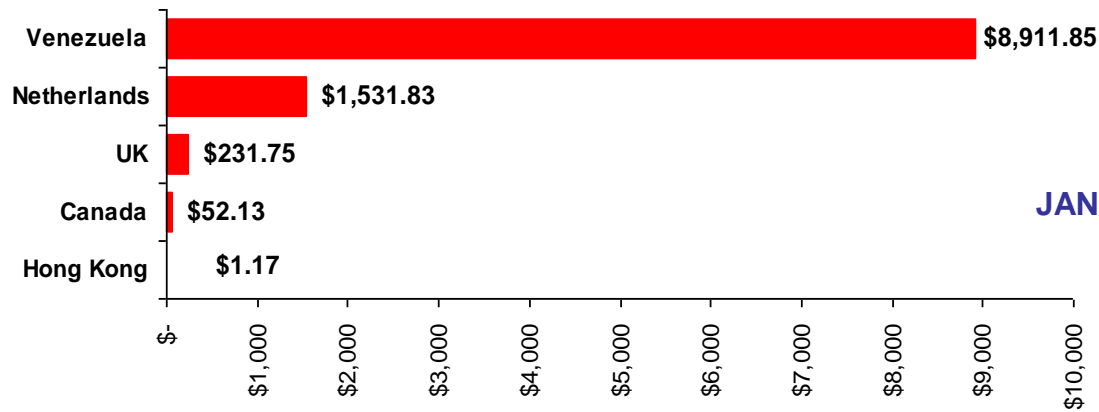
## **POLICY IMPLICATIONS**

Close the Back Door – Monitor International Trade Pricing

# **INTERNATIONAL TRADE PRICE ANALYSIS**

**EXAMPLES OF  
ABNORMAL TRANSACTION PRICES**

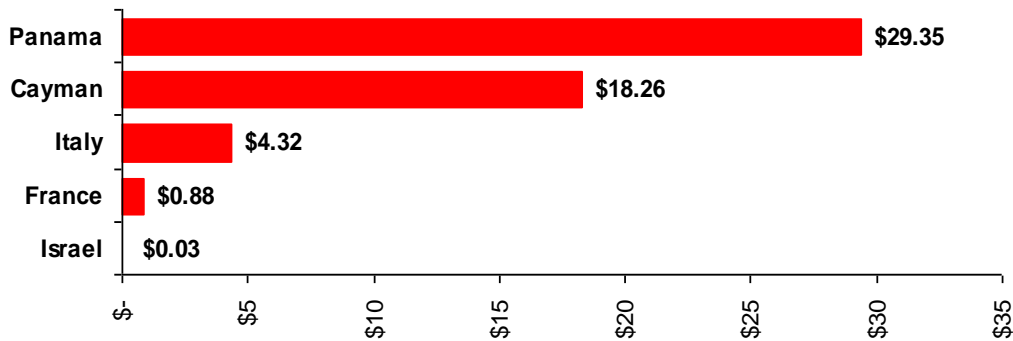
Stainless Steel Sinks and Wash Basins (price per unit)



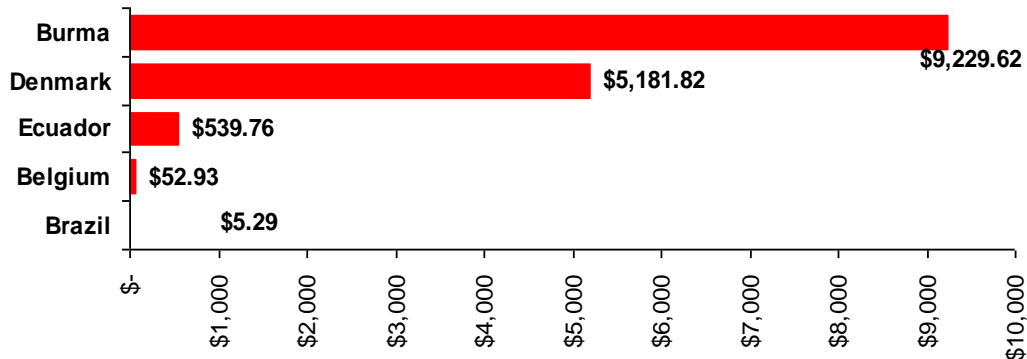
High and low unit prices for three imported products

JANUARY 1992 / MONEY LAUNDERING ALERT

Razors (price per unit)



Cut Emeralds (price per carat)





# U.S. Imports At High Average Price

---

<u>COMMODITY</u>	<u>COUNTRY</u>	<u>COUNTRY AVERAGE PRICE</u>	<u>WORLD AVERAGE PRICE</u>
Untrimmed Pillowcases (#)	France	909.29	.62
Unrecorded Mag. Discs (#)	Spain	698.16	.43
Sand (Ton)	Spain	1,993.67	11.20
Flashbulbs (#)	France	321.90	.66
Balls For Ball Point Pens(#)	France	1.43	.007
Single Edge Razor Blades (#)	France	5.33	.04
Cordless Telephones (#)	France	4,232.50	47.65
Raw Cane Sugar (Kg)	U.K.	1,407.00	.50
Slip Joint Pliers (#)	U.K.	489.75	.88



# U.S. Exports At Low Average Prices

---

<u>COMMODITY</u>	<u>COUNTRY</u>	<u>COUNTRY AVERAGE PRICE</u>	<u>WORLD AVERAGE PRICE</u>
HERRING-BONE TIRES (#)	FRANCE	7.69	192.25
ENRICHED 235 URANIUM (KG)	SPAIN	15.50	172.22
MACHINE GUNS (#)	FRANCE	364.08	2,022.67
MILITARY RIFLES (#)	U.K.	106.87	387.55

# Money Laundered Out of the United States

## Undervalued U.S. Exports

Product	Country	U.S.C.D.	Month	Price
Bulldozers (New)	Venez.	Norfolk	5	\$387.73/unit
Rocket / Grenade Launchers	Venez.	Miami	10	\$59.50/unit
Prefabricated Buildings	Haiti	Miami	12	\$2.12/unit
Forklift Trucks	Haiti	Miami	2	\$555.73/unit
New Tires	Russia	Seattle	11	\$3.97/unit
Color Video Monitors	Russia	New York	2	\$28.99/unit

# Money Laundered Out of the United States

## Overvalued U.S. Imports

Product	Country	U.S.C.D.	Month	Price
Oats	Venez.	New York	5	\$142.87/ Kg
<b>Women's Cotton Briefs</b>	Venez.	Miami	3	<b>\$50/unit</b>
Used Clothing	Haiti	LA	3	\$260/Kg.
<b>Slide Projectors</b>	Haiti	Savannah	5	<b>\$8,620/unit</b>
<b>Binoculars</b>	Russia	San Fran.	6	<b>\$3,395/unit</b>
Emeralds	Russia	New York	7	\$17,976/car

# MONEY MOVED OUT OF THE UNITED STATES TO THE WORLD 2004-2006

**2004**

UNDER-VALUED EXPORTS	OVER-VALUED IMPORTS	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
\$111,593,487,257	\$56,167,170,400	\$167,760,657,657	7.34%

**2005**

UNDER-VALUED EXPORTS	OVER-VALUED IMPORTS	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
\$129,141,799,287	\$62,806,778,514	\$191,948,577,801	7.45%

**2006**

UNDER-VALUED EXPORTS	OVER-VALUED IMPORTS	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
\$119,755,537,632	\$69,297,773,741	\$189,053,311,373	6.54%

# UNITED STATES V. TEI-FU CHEN, ET AL (SUNRIDER CORPORATION)

- GEORGE NEWHOUSE – ASSISTANT US ATTORNEY
- CENTRAL DISTRICT OF CALIFORNIA
- OVER-INVOICED IMPORTS FROM FAR EAST
- IMPORTED HERBS AND SPICES
- REVISED IMPORTS TO AVOID INCOME TAX
- PAID HIGHER IMPORT DUTIES
- “STEPPING OVER A DIME TO PICK UP A DOLLAR”
- TEI-FU CHEN – TWO YEAR PRISON SENTENCE
- OI-LIN CHEN (WIFE) – PROBATION
- IRS - \$93,000,000 – TAXES AND PENALTIES
- CUSTOMS - \$ 4,000,000 – PENALTY
- NO SPECIFIED UNLAWFUL ACTIVITY

# Chart 4: Other mushrooms

TSUSA: 0712302000(KG) CHINA(TAIWAN)

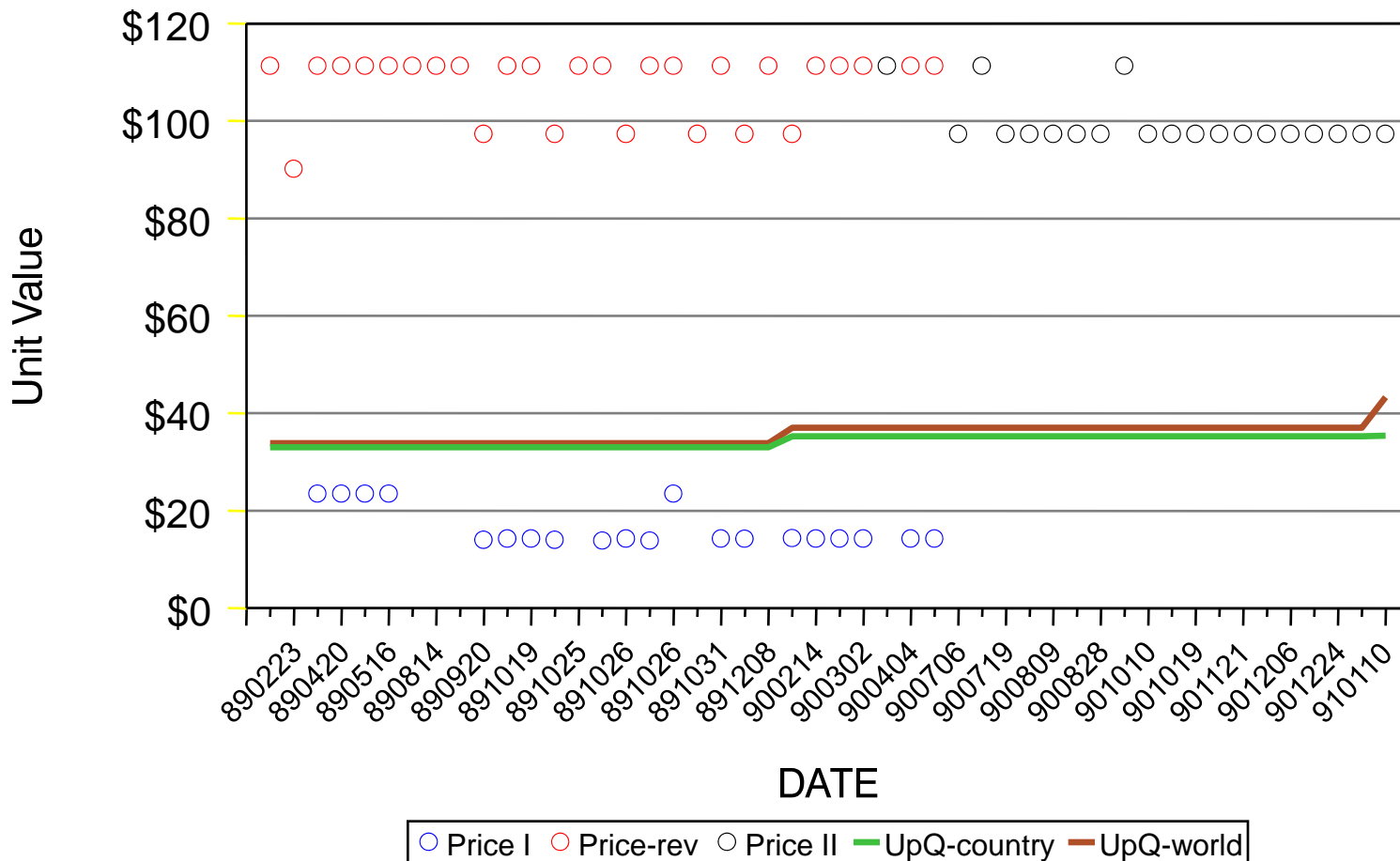
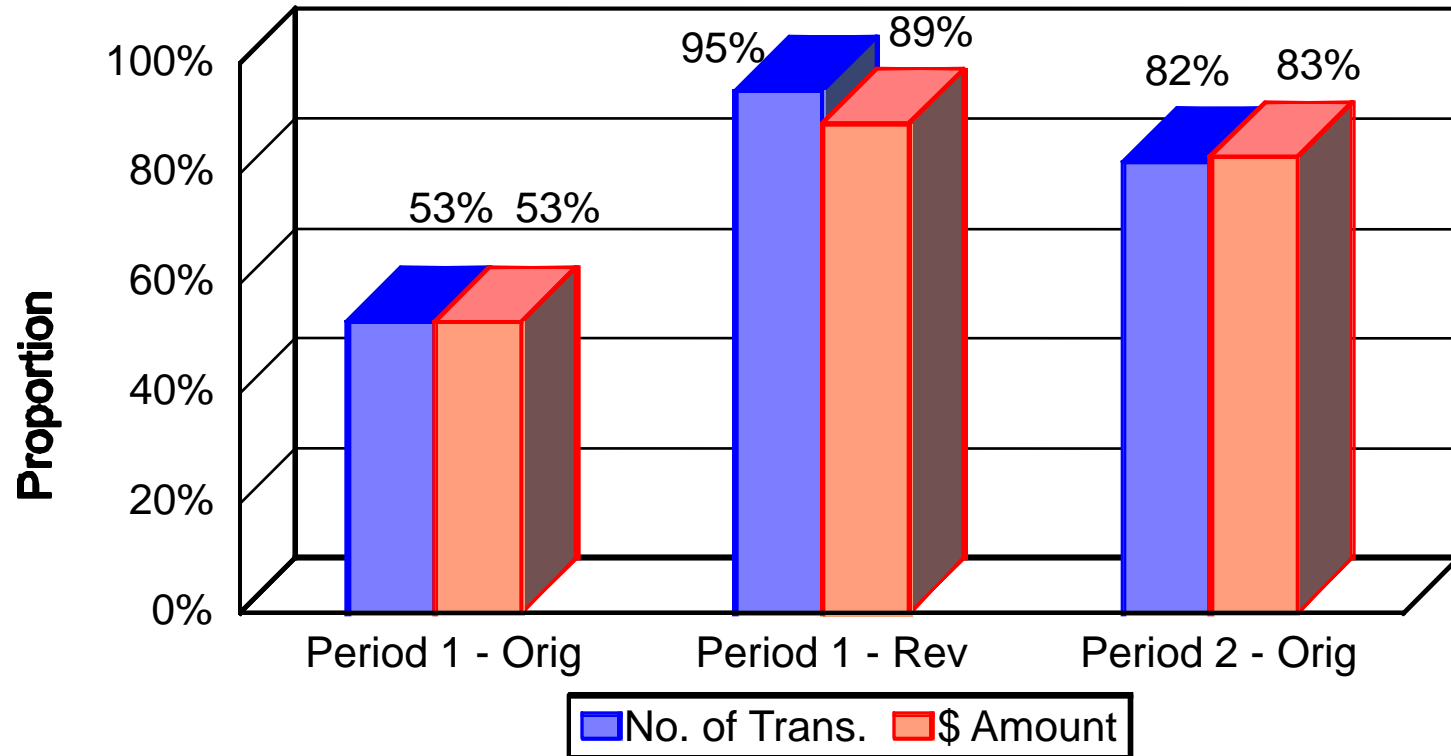


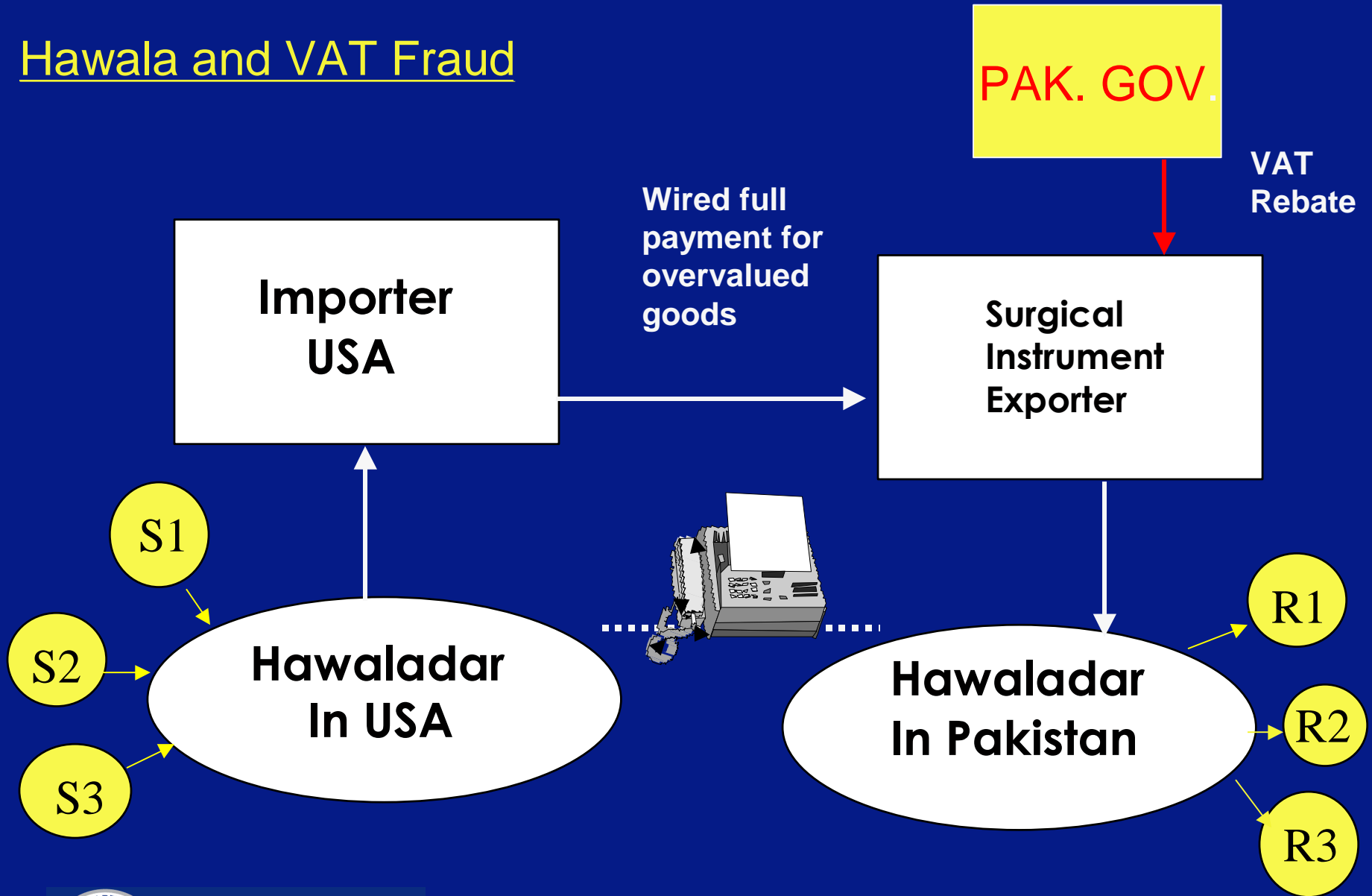
Chart 5-1: Proportion of Imports with Prices Higher Than  
Country Upper Quartile Prices



# UNITED STATES V. SHAKLEE AHMAD, ET AL

- JOHN P ROWLEY- ASST. US ATTORNEY
- EASTERN DISTRICT OF VIRGINIA -1994
- OVER-INVOICING – MEDICAL INSTRUMENTS
- IMPORTS FROM PAKISTAN
- IMPORTER – FALCON INSTRUMENTS
- SUA – FALSE STATEMENTS TO CUSTOMS
- INCOME TAX EVASION

# Hawala and VAT Fraud



U.S. Immigration  
and Customs  
Enforcement

**MONEY MOVED**  
**OUT OF U.S. - 2004**  
**INTO U.S. – 2004**

**COUNTRY – DOLLAR VALUE**  
**COUNTRY - PERCENT OF TRADE**

**U.S. CUSTOMS DISTRICT – DOLLAR VALUE**  
**U.S. CUSTOMS DISTRICT – PERCENT OF TRADE**

## MONEY MOVED OUT OF THE UNITED STATES 2004 TO THE WORLD

SUSPICIOUS PRICING	DOLLAR VALUE	PERCENT
UNDER-VALUED EXPORTS	\$ 111.6 Billion	66.5%
OVER-VALUED IMPORTS	\$ 56.2 Billion	33.5%
<b>TOTAL</b>	<b>\$ 167.8 Billion</b>	<b>100%</b>

## MONEY MOVED INTO THE UNITED STATES 2004 FROM THE WORLD

SUSPICIOUS PRICING	DOLLAR VALUE	PERCENT
OVER-VALUED EXPORTS	\$ 48.1 Billion	21.5%
UNDER-VALUED IMPORTS	\$ 175.2 Billion	78.5%
<b>TOTAL</b>	<b>\$ 223.3 Billion</b>	<b>100%</b>

# MONEY MOVED OUT OF THE U.S. - COUNTRY DOLLAR VALUE (2004)

Obs	COUNTRY	UNDER-VALUED EXPORTS	OVER-VALUED IMPORTS	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
1	CANADA	\$11,039,683,286	\$7,256,738,049	\$18,296,421,335	4.12%
2	JAPAN	\$8,151,814,635	\$5,974,212,167	\$14,126,026,802	7.68%
3	CHINA	\$6,007,716,795	\$7,800,914,990	\$13,808,631,785	5.97%
4	MEXICO	\$8,785,360,653	\$4,192,936,064	\$12,978,296,718	4.87%
5	FR GERM	\$6,407,989,714	\$5,433,984,370	\$11,841,974,084	10.90%
6	U KING	\$7,594,995,153	\$2,484,349,794	\$10,079,344,947	12.24%
7	KOR REP	\$5,816,253,001	\$1,425,414,117	\$7,241,667,118	9.99%
8	FRANCE	\$3,897,833,867	\$1,625,064,324	\$5,522,898,191	10.41%
9	TAIWAN	\$3,094,430,949	\$1,698,479,949	\$4,792,910,898	8.51%
10	SINGAPR	\$3,636,170,934	\$713,527,417	\$4,349,698,351	12.46%
11	PHIL R	\$3,398,036,934	\$512,074,712	\$3,910,111,646	24.11%
12	MALAYSA	\$2,317,172,101	\$1,201,554,685	\$3,518,726,786	9.00%
13	BELGIUM	\$3,126,261,045	\$345,127,901	\$3,471,388,946	11.84%
14	IRELAND	\$1,129,283,725	\$2,266,965,110	\$3,396,248,835	9.54%
15	HG KONG	\$2,937,782,192	\$347,808,479	\$3,285,590,672	13.08%

# MONEY MOVED OUT OF THE U.S. - COUNTRY % TRADE (2004)

Obs	COUNTRY	UNDER-VALUED EXPORTS	OVER-VALUED IMPORTS	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
1	AZERBJN	\$528,389,802	\$157,416	\$528,547,218	268.54%
2	YUGOSLV	\$169,598,049	\$741,061	\$170,339,110	72.49%
3	IRAN	\$152,952,617	\$12,628,410	\$165,581,027	70.03%
4	CUBA	\$247,970,745	.	\$247,970,745	61.91%
5	KAZAKHS	\$291,952,547	\$7,378,273	\$299,330,820	34.90%
6	BULGAR	\$214,509,017	\$14,467,039	\$228,976,056	33.72%
7	ESTONIA	\$156,854,211	\$9,510,139	\$166,364,350	31.52%
8	DENMARK	\$1,451,172,673	\$432,241,119	\$1,883,413,791	31.26%
9	BARBADO	\$99,437,204	\$820,250	\$100,257,454	26.08%
10	PHIL R	\$3,398,036,934	\$512,074,712	\$3,910,111,646	24.11%
11	ANTIGUA	\$31,027,519	\$1,270	\$31,028,789	23.94%
12	LIBERIA	\$813,897	\$33,439,992	\$34,253,890	23.64%
13	B VIRGN	\$24,263,203	\$13,856	\$24,277,059	21.11%
14	AFGHAN	\$38,156,092	\$96,595	\$38,252,686	20.95%
15	ANDORRA	\$2,416,758	\$21,034	\$2,437,792	19.44%

**MONEY MOVED  
FROM U.S. TO AL QAEDA COUNTRIES**

**MONEY MOVED  
FROM AL QAEDA COUNTRIES TO U.S.**

## **MONEY MOVED OUT OF THE UNITED STATES (2004) TO THE AL QAEDA WATCH LIST COUNTRIES**

<b>SUSPICIOUS PRICING</b>	<b>DOLLAR VALUE</b>	<b>PERCENT</b>
UNDER-VALUED EXPORTS	\$ 5.4 Billion	71.0%
OVER-VALUED IMPORTS	\$ 2.2 Billion	29.0%
<b>TOTAL</b>	<b>\$ 7.6 Billion</b>	<b>100%</b>

## **MONEY MOVED INTO OF THE UNITED STATES (2004) FROM THE AL QAEDA WATCH LIST COUNTRIES**

<b>SUSPICIOUS PRICING</b>	<b>DOLLAR VALUE</b>	<b>PERCENT</b>
OVER-VALUED EXPORTS	\$ 2.8 Billion	34.1%
UNDER-VALUED IMPORTS	\$ 5.4 Billion	65.9%
<b>TOTAL</b>	<b>\$ 8.2 Billion</b>	<b>100%</b>

# MONEY MOVED OUT OF THE UNITED STATES 2004 (million)

## - TO COUNTRIES ON THE AL QAEDA WATCH LIST

	COUNTRY	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
	<b>TOTAL</b>	<b>\$ 7,621.7</b>	<b>6.91%</b>
1	MALAYSIA	\$ 3,518.7	9.00%
2	SAUDI ARABIA	\$ 1,007.3	3.85%
3	IRAQ	\$ 916.4	9.78%
4	ARAB EMIRATES	\$ 662.3	12.72%
5	ALGERIA	\$ 260.1	3.10%
6	PAKISTAN	\$ 229.2	4.89%
7	EGYPT	\$ 227.9	5.14%
8	KUWAIT	\$ 215.8	4.54%
9	IRAN	\$ 165.6	70.03%
10	JORDAN	\$ 88.6	5.39%
11	OMAN	\$ 71.8	9.60%
12	QATAR	\$ 53.2	6.32%

	COUNTRY	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
13	BAHRAIN	\$ 46.6	6.59%
14	AFGANISTAN	\$ 38.3	20.95%
15	MOROCCO	\$ 36.8	3.54%
16	LEBANON	\$ 31.9	5.95%
17	TUNISIA	\$ 17.8	3.81%
18	BRUNEI	\$ 16.9	3.70%
19	SYRIA	\$ 8.6	1.80%
20	SUDAN	\$ 4.3	6.04%
21	YEMEN	\$ 1.9	0.66%
22	ERITREA	\$ 0.7	1.38%
23	SOMALIA	\$ 0.3	3.41%
24	DJIBUTI	\$ 0.3	0.75%
25	LIBYA	\$ 0.3	0.08%

## MONEY MOVED FROM U.S. TO AL QAEDA COUNTRIES

### U.S. EXPORTS TO AL QAEDA COUNTRIES – UNDERVALUED

<u>DESCRIPTION</u>	<u>COUNTRY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
Television Antennas	Malaysia	NO	\$ 0.30
Color TV Cameras	Kuwait	NO	\$ 116.44
Cigars	Arab Emirates	THS	\$ 15.47
Passenger Motor Vehicles	Jordan	NO	\$ 377.27
Sleeping Bags	Jordan	NO	\$ 13.26
Bulldozers	Saudi Arabia	NO	\$ 5,909.09
Mayonnaise	Lebanon	KG	\$ 0.27

## MONEY MOVED FROM U.S. TO AL QAEDA COUNTRIES

### U.S. IMPORTS FROM AL QAEDA COUNTRIES – OVERVALUED

<u>DESCRIPTION</u>	<u>COUNTRY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
Dates	Tunisia	KG	\$ 230.00
Rice, Basmati	Pakistan	KG	\$ 94.52
Footballs	Malaysia	NO	\$ 142.50
Pencils & Crayons	Malaysia	GRS	\$ 1,168.00
Pasta	Pakistan	KG	\$ 24.00
Woman's Panties, Synthetic	Morocco	DOZ	\$ 479.53
Bread	Malaysia	KG	\$ 17.26

# MONEY MOVED INTO THE UNITED STATES 2004 (million)

- FROM COUNTRIES ON THE AL QAEDA WATCH LIST

	COUNTRY	TOTAL MOVED INTO THE US	SHARE OF TRADE
	<b>TOTAL</b>	<b>\$ 8,232.7</b>	<b>7.47%</b>
1	MALAYSIA	\$ 5,222.7	13.36%
2	SAUDI ARABIA	\$ 1,177.1	4.50%
3	ALGERIA	\$ 442.5	5.28%
4	EGYPT	\$ 290.2	6.54%
5	ARAB EMIRATES	\$ 282.9	5.44%
6	PAKISTAN	\$ 199.5	4.26%
7	KUWAIT	\$ 166.6	3.51%
8	IRAQ	\$ 101.1	1.08%
9	QATAR	\$ 80.4	9.55%
10	JORDAN	\$ 74.2	4.51%
11	IRAN	\$ 35.8	15.13%
12	LEBANON	\$ 34.3	6.38%

	COUNTRY	TOTAL MOVED INTO THE US	SHARE OF TRADE
13	MOROCCO	\$ 32.3	3.11%
14	OMAN	\$ 21.5	2.87%
15	BAHRAIN	\$ 20.2	2.86%
16	TUNISIA	\$ 15.6	3.34%
17	BRUNEI	\$ 15.2	3.33%
18	SYRIA	\$ 5.8	1.20%
19	LIBYA	\$ 4.4	1.19%
20	AFGANISTAN	\$ 3.9	2.15%
21	YEMEN	\$ 3.5	1.19%
22	SUDAN	\$ 2.5	3.48%
23	ERITREA	\$ 0.5	0.91%
24	DJIBUTI	\$ 0.0	0.11%
25	SOMALIA	\$ 0.0	0.01%

## MONEY MOVED FROM AL QAEDA COUNTRIES TO U.S.

## U.S. EXPORTS TO AL QAEDA COUNTRIES – OVERVALUED

<u>DESCRIPTION</u>	<u>COUNTRY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
Smoke Detectors	Saudi Arabia	NO	\$ 22,873.63
Video Monitors, Color	Pakistan	NO	\$ 5,159.00
Telephone Handsets	Arab Emirates	NO	\$ 1,697.00
Pocket Size Walkmans	Kuwait	NO	\$ 7,574.40
Lawn Mowers	Arab Emirates	NO	\$ 22,000.00
Soap	Saudi Arabia	KG	\$ 119.86

## MONEY MOVED FROM AL QAEDA COUNTRIES TO U.S.

### U.S. IMPORTS FROM AL QAEDA COUNTRIES – UNDERVALUED

<u>DESCRIPTION</u>	<u>COUNTRY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
Television Cameras	Malaysia	NO	\$ 8.48
Fork Lift Trucks	Malaysia	NO	\$ 39.10
Billiard Tables	Malaysia	NO	\$ 17.84
Soccer Balls	Pakistan	NO	\$ 0.75
Bulldozers	Malaysia	NO	\$ 5,500.00
Natural Honey	Pakistan	KG	\$ 1.42

# CHARACTER-BASED AUDITS

## TRADE DATA ANALYSIS

**COUNTRY RISK INDEX**  
**CUSTOMS DISTRICT RISK INDEX**  
**PRODUCT RISK INDEX**

**COUNTRY  
RISK INDEX  
2006**

**TRADE-BASED  
RISK ANALYSIS OF 222 COUNTRIES**

**UPDATED MONTHLY**

**[www.internationaltradealert.com](http://www.internationaltradealert.com)**

# MONEY MOVED OUT OF THE U.S. - COUNTRY % TRADE (2006)

Obs	COUNTRY	UNDER-VALUED EXPORTS	OVER-VALUED IMPORTS	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
1	PITCARN	\$5,430,413	.	\$5,430,413	369.29%
2	ESTONIA	\$448,520,594	\$1,494,751	\$450,015,345	60.18%
3	AFGHAN	\$186,821,079	\$362,306	\$187,183,385	40.43%
4	TOKELAU	\$16,814,506	\$16,875	\$16,831,381	33.78%
5	FAROE	\$1,526,714	\$45,426	\$1,572,140	19.57%
6	C RICA	\$1,445,824,661	\$78,682,399	\$1,524,507,060	19.11%
7	HG KONG	\$4,123,850,325	\$320,994,681	\$4,444,845,006	17.28%
8	DENMARK	\$373,945,248	\$771,122,492	\$1,145,067,740	14.66%
9	BOTSWAN	\$599,984	\$38,206,181	\$38,806,165	13.91%
10	BULGAR	\$89,361,097	\$11,102,033	\$100,463,130	13.37%
11	S LUCIA	\$22,841,492	\$399,928	\$23,241,420	12.80%
12	QATAR	\$202,814,448	\$162,612	\$202,977,060	12.74%
13	ST K N	\$22,040,203	\$484,661	\$22,524,865	12.70%
14	UGANDA	\$8,472,221	\$351,765	\$8,823,986	11.77%
15	SWITZLD	\$2,157,428,386	\$1,144,059,238	\$3,301,487,624	11.54%

**U.S. CUSTOMS DISTRICT  
RISK INDEX  
2006**

**TRADE-BASED  
RISK ANALYSIS OF 45 U.S.  
CUSTOMS DISTRICTS**

**UPDATED MONTHLY**

**[www.internationaltradealert.com](http://www.internationaltradealert.com)**

# MONEY MOVED OUT OF THE U.S. - CUSTOMS DISTRICT % TRADE (2006)

Obs	CUSTOMS DIST	UNDER-VALUED EXPORTS	OVER-VALUED IMPORTS	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
1	VESSELS	\$10,440,522	\$62,203	\$10,502,725	12.65%
2	NORFOLK	\$4,366,882,223	\$1,186,220,163	\$5,553,102,386	12.49%
3	WASH DC	\$1,135,910,310	\$237,210,543	\$1,373,120,853	10.98%
4	CLEVLND	\$3,723,789,413	\$3,774,890,944	\$7,498,680,356	9.67%
5	ALASKA	\$1,981,926,506	\$500,164,352	\$2,482,090,858	9.35%
6	WILM NC	\$489,857,335	\$1,224,482,864	\$1,714,340,199	9.20%
7	MIAMI	\$5,457,244,652	\$1,172,529,595	\$6,629,774,247	9.20%
8	P RICO	\$1,912,460,747	\$1,045,689,699	\$2,958,150,446	9.09%
9	SAVANNH	\$4,555,773,333	\$2,808,081,132	\$7,363,854,466	8.93%
10	MINNPLS	\$352,484,563	\$937,729,699	\$1,290,214,261	8.88%
11	DALLAS	\$3,013,005,092	\$2,053,358,044	\$5,066,363,136	8.69%
12	CHICAGO	\$4,694,399,341	\$5,557,520,573	\$10,251,919,914	8.50%
13	SAN FRN	\$6,262,545,997	\$3,092,980,638	\$9,355,526,635	8.42%
14	BOSTON	\$1,381,013,743	\$1,297,384,689	\$2,678,398,433	8.05%
15	LOS ANG	\$18,087,424,830	\$5,272,017,132	\$23,359,441,961	7.09%

**PRODUCT  
RISK INDEX  
2006**

**TRADE-BASED  
RISK ANALYSIS OF 4,758 PRODUCTS  
(6 digit harmonized codes)**

**UPDATED MONTHLY**

**[www.internationaltradealert.com](http://www.internationaltradealert.com)**

# MONEY MOVED OUT OF THE U.S. – PRODUCT PERCENT OF TRADE (2006)

Obj	DESCRIPTION	TOTAL MOVED OUT OF THE US	SHARE OF TRADE
1	CARTRIDGES FOR RIVETING OR SIMILAR TOOLS & PARTS	\$416,426,777	2756.98%
2	IODIDES AND IODIDE OXIDES	\$529,245,774	1500.75%
3	PHOTO PLATES & FILM, EXPOS & DEVL, FOR OFFSET REPRO	\$165,778,813	747.94%
4	MECHANISMS FOR MUSIC BOXES	\$6,653,673	694.50%
5	OPTICAL FIBERS, OPTICAL FIBER BUNDLES AND CABLES E	\$1,956,532,697	627.56%
6	RARE-EARTH METAL, SCANDIUM & YTTRIUM	\$79,794,777	605.30%
7	CADMIUM AND ARTICLES THEREOF, NESOI	\$13,184,553	459.90%
8	RADIOACTIVE ELEMENTS & ISOTOPES ETC NESOI; RESIDUE	\$1,617,767,386	416.36%
9	RECORDED MEDIA FOR REPRODUCING SND OR IMAGE, NESOI	\$1,567,385,322	388.22%
10	UNRECORDED, CARDS INCORPORATING A MAGNETIC STRIPE	\$213,685,706	384.93%
11	FORMIC ACID	\$59,890,154	377.94%
12	DIELECTRIC FIXED CAPACITORS OF PAPER OR PLASTICS	\$523,967,404	277.96%
13	UNSAT CHLORIN DERIV OF ACYCLIC HYDROCARBONS NESOI	\$62,813,577	257.24%
14	FIXED RESISTORS, NESOI, PWR HAND CAP NOV 20 W	\$1,241,694,299	250.67%
15	SALT OF INORGANIC ACID/PEROXOACID, EXC AZIDE NESOI	\$86,570,802	226.22%
16	PEN NIBS AND NIB POINTS	\$73,429,037	197.32%
17	PHOSPHINATES (HYPOPHOSPHITES) & PHOSPHONATES	\$33,808,292	180.02%
18	HYDRIDS/NITRIDS/AZIDS/SILICIDS ETC W/NT CHEM DEFND	\$312,245,013	174.33%
19	ELECTRICAL INSULATORS OF GLASS	\$57,288,622	154.24%
20	TUBES, PIPES & HOSES, NT REINF ETC, WITH FITTINGS	\$178,460,024	148.50%

**ABNORMAL**

**IMPORT**

**WEIGHTS**

## ABNORMAL IMPORT WEIGHTS - 2001

<u>COUNTRY</u>	<u>PRODUCT</u>	<u>MONTH</u>	<u>U.S.C.D.</u>	<u>WEIGHT</u>
Egypt	Razors	AUG	New York	15 Kg/Unit
Indonesia	Coffee	OCT	San Francisco	1.26 Kg/Kg
Iran	Carpet	NOV	San Francisco	63 Kg/Sq Meter
Malaysia	Briefcases	MAY	San Francisco	98 Kg/Unit
Pakistan	Fabric	DEC	Los Angeles	62 Kg/Sq Meter
Russia	Binoculars	AUG	Los Angeles	120 Kg/Unit
France	Footwear	JUL	Philadelphia	46 Kg/Pair
Germany	Sweaters	APR	New York	57 Kg/Dozen

## ABNORMAL IMPORT WEIGHTS – 2003 & 2004

<u>COUNTRY</u>	<u>PRODUCT</u>	<u>MONTH</u>	<u>U.S.C.D.</u>	<u>WEIGHT</u>
Egypt	Tape	MAR 04	New York	3 Kg/Sq Meter
Indonesia	Pillows	MAR 03	Los Angeles	55 Kg/Unit
Iran	Carpet	JAN 04	Baltimore	10 Kg/Sq Meter
Pakistan	Towels	AUG 03	Charleston	2 Kg/Unit
Russia	Magnesium	JAN 03	New York	1,042 Kg/Kg
France	Travel Bags	JAN 04	Miami	38 Kg/Unit
Germany	Travel Bags	FEB 03	New Orleans	56 Kg/Unit

**QUESTIONS  
&  
COMMENTS**