

## APPENDIX A

List of Participants at the FMC Public Forums on  
Port Congestion and Intermodal Supply Chain Efficiency



Public Forum on Port Congestion  
San Pedro, California, September 15, 2014

**Participants**

MARIO CORDERO  
Chairman  
Federal Maritime Commission

EUGENE SEROKA  
Port of Los Angeles

JON SLANGERUP  
Port of Long Beach

THE HONORABLE JANICE HAHN (D-CA)  
U.S. House of Representatives

THE HONORABLE ALAN LOWENTHAL  
(D-CA)  
U.S. House of Representatives

**Panel One**

ROBERT CURRY SR.  
California Cartage Company

ALEX CHERIN  
Englander Knabe & Allen

BERNARD VAUGHAN  
Flexi-Van Leasing, Inc.

BOB WYSOCKI  
Sears Holdings Corporation

LISA FERGUSON  
MIQ Logistics

MICHELE GRUBBS  
Pacific Merchant Shipping Association

H. KEITH LESNICK  
U.S. DOT - West Coast Regional Gateway

**Panel Two**

FRAN INMAN  
Majestic Realty

BRUCE WARGO  
PierPASS

RICH DINES  
Port of Long Beach

MICHAEL J. JOHNSON  
Harbor Trucking Association

MICHAEL MAYOR  
Mayor Logistics, Inc.

RICH NAZZARO  
Toll Global Forwarding

**Panel Three**

EDWARD DENIKE  
SSA Containers

ERNESTO NEVAREX  
(speaking for himself)

JUAN CORONA  
(speaking for himself)

SANDY LANGFORD-COTY  
Los Angeles Customs Brokers

JOE WRIGHT  
Mazda North American Operations

PABLO CAMACHO  
Teamsters Union

JACQUELINE AGUIRRE  
TTSI

HECTOR VALENTINA  
Tom Green

BURKE SMITH  
The Dependable Companies

HOWARD WALLACE  
Los Angeles Harbor Grain Terminal, Inc.

EMMANUEL GOLDSHIED  
Amazon Trucking

RYAN BROWER  
Weber Logistics

RICK CURRY  
Gateways International

VAL NORONHA  
Digital Geographic Research Corporation

SRI LAXMANA  
C.H. Robinson

**Written Comments & Statements**

STEPHEN A. YOUNG  
representing a group of companies that  
collect and process scrap

JOHN CROWLEY  
Executive Director, National Association  
of Waterfront Employers

NORMAN DUNCAN  
(invite railroads)

PERRY M. BOURNE  
Dir, International Transportation & Rail  
Operations  
on behalf of Tyson Foods, Inc.

ERNESTO NEVAREZ  
(invite port drivers/truck drivers)

METRIS  
(article)

DOUG CORBETT  
(selling Chassis Racks)

REP. DUNCAN D. HUNTER  
Subcommittee on Coast Guard and  
Maritime Transportation

**Mid-Atlantic and Northeast Port Congestion Forum  
Baltimore, Maryland, October 1, 2014**

**Participants**

WILLIAM P. DOYLE  
Commissioner  
Federal Maritime Commission

RICHARD A. LIDINSKY, JR.  
Commissioner  
Federal Maritime Commission

**Opening Remarks**

THE HONORABLE HELEN D. BENTLEY  
Former member, U.S. House of Representatives

**Port Authority, MTO & Shipping Association**

DAVID THOMAS  
Port of Baltimore

JOHN REINHART  
Port of Virginia

BAYARD HOGANS  
Ports America Chesapeake

RICK LARRABEE  
Port Authority of New York & New Jersey

JOHN NARDI  
NY Shipping Association

JOHN ATKINS  
Global Container Terminals

**U.S. Coast Guard**

CAPT. DREW TUCCI  
U.S. Coast Guard

**Carrier**

HOWARD FINKEL  
China Ocean Shipping Company

CLAUDIO BOZZO  
Mediterranean Shipping Company (USA)  
Inc.

DAVID DALY  
"K" Line America, Inc.

AL GEBHARDT  
Maersk Line

**Motor Carrier/Trucking**

SHIRLEY ROEBUCK  
Gilco Trucking

HECTOR ALVAREZ  
Owner Operator

GERRY COYLE  
Evans Delivery Company

WAYNE GUAMER  
Lightning Transportation

**Chassis**

BERNARD VAUGHAN  
Flexi-Van Leasing, Inc.

DAVID MANNING  
NACPC

BILL SHEA  
Direct ChassisLink, Inc.

JON POELMA  
Consolidated Chassis Management, LLC

KEITH LOVETRO  
TRAC Intermodal

**Labor**

LARRY BACHTTELL  
ILA

MIKE VIGNERON  
ILA

**Shippers**

MARK JENSEN  
Target

DEAN TRACY  
Lowe's

BRYAN MOST  
Walmart

LORI S. SMITH  
Johnson & Johnson Sales and Logistics,  
LLC

**Open Public Comments**

JEFF BADER  
Association of Bi State Motor Carriers,  
Inc.

JON GOLD  
National Retail Federation

TIM AVANZATO  
Lanca Sales, Inc.

FRANCIS M. SMITH  
Bridge Terminal Transport

RICHARD ROCHE  
Mohawk Global Logistics

TOM HEIMGARTNER  
Best Transportation

DON PISANO  
American Coffee Corporation

GEORGE BERRY  
For Truckers By Truckers

**Written Comments & Statements**

WAYNE GAUMER  
President, Lightning Transportation

CURTIS E. WHALEN  
Executive Director, Intermodal Motor  
Carriers Conference of the American  
Trucking Associations (IMCC/ATA)

SHIRLEY G. ROEBUCK  
President, Gilco Properties Inc.

GERARD J. COYLE  
VP, Evans Delivery Company, Inc.

ILA, AFL-CIO

HECTOR R. ALVAREZ  
HMA Transportation &  
PR Rep for Port Drivers of NY/NJ

PORTS AMERICA

TIM AVANZATO  
Lanca Sales, Inc.

NACPC

**International Supply Chain Efficiency: Challenges Facing South Atlantic Ports  
North Charleston, South Carolina, October 30, 2014**

**Participants**

MICHAEL A. KHOURI  
Commissioner  
Federal Maritime Commission

**Port Authority Executives**

JOHN WALSH  
Canaveral Port Authority

JUAN KURYLA  
PortMiami

STEVEN M. CERNAK  
Port Everglades

PAUL J. COZZA  
North Carolina Ports

JAMIE McCURRY  
Georgia Ports Authority

JAMES I. NEWSOME, III,  
South Carolina Ports

BRIAN TAYLOR  
Jacksonville Port Authority

**Motor Carrier/Trucking**

KEN KELLAWAY  
RoadOne Intermodal Logistics

JOSHUA OWEN  
Ability Tri-Modal

PHIL BYRD  
Bulldog Hiway Express

CURTIS WHALEN  
ATA Intermodal Motor Carrier  
Conference

DAVE MANNING  
TCW and Tennessee Express  
American Trucking Associations (ATA)  
North American Chassis Pool Cooperative

#### Ocean Carriers

JOHN TRONTI  
Marine Transport Lines/Crowley  
Maritime Corporation

EDWARD MCCARTHY  
CMA CGM (America) LLC  
OCEMA

JOHN FOERTSCH  
OOCL (USA) Inc

#### Railroads

TRISH HAVER  
Norfolk Southern

CARL WARREN  
CSX Transportation

PHIL NOURY  
Florida East Coast Railway

#### Labor

KENNETH RILEY  
ILA

#### Chassis

BERNARD VAUGHAN  
Flexi-Van Leasing, Inc.

PHILIP WOJCIK  
CCM

VAL NOEL  
TRAC Intermodal

#### Shippers & Logistics

DON PISANO  
American Coffee Corporation

MARLON JONES  
International Paper

ANDREW MORELLI  
Rayonier Advanced Materials

#### Written Comments & Statements

PHILIP L. BYRD, Sr  
President & CEO  
Bulldog Hiway Express

DONALD A. PISANO  
President, American Coffee Corp  
Director, NITL  
Board member, Green Coffee Association

ED MCCARTHY  
Sr. VP & COO, CMA CGM Americas  
Vice Chairman, OCEMA

CURTIS E. WHALEN  
Executive Director, IMCC/ATA

International Supply Chain Efficiency: Challenges Facing Gulf Coast Ports  
Port of New Orleans, November 3, 2014

**Participants**

REBECCA F. DYE  
Commissioner  
Federal Maritime Commission

**Gulf Coast Port Authorities**

GARY LaGRANGE  
Port of New Orleans

SMITTY THORNE  
Alabama State Port Authority

ROGER GUENTHER  
Port of Houston Authority

JEFF STRADER  
Port Freeport

PAUL ANDERSON  
Port Tampa Bay

**Ship Operations**

WALDEMAR POULSEN  
Rickmers-Linie (America), Inc.

STEVEN GARIFALOS  
NYK Bulk & Project Carriers

JIM MICHALSKI  
CMA-CGM (America), Inc.

THOMAS GRANT  
Crowley Maritime

DHAVAL PATEL  
Maersk, USA Country Operations

**Trucking Operations**

BRIAN FIELKOW  
Jetco Delivery  
Local Chapter of Texas Trucking  
Association

RANDY GUILLOT  
Southeastern Motor Freight, Inc.

CATHY GAUTREAUX  
Louisiana Motor Transport Association,  
Inc.

JEFFREY LOUIS  
TCI Trucking and Warehousing Services

PHILLIP WOJCIK  
Consolidated Chassis Management, LLC

CURTIS WHALEN  
Intermodal Motor Carrier Conference,  
ATA

**Cargo Operations**

KRISTI APP  
JW Allen & Company Inc.

RICHARD CHRISS  
American Institute for International Steel

DONNA LEMM  
Mallory Alexander International Logistics

SEAN M. DUFFY  
Big River Coalition

DALE STREET  
Zen-Noh Grain Corporation

DAVID KEARNEY  
The Kearney Companies



**Terminal Operations**

JAMES PARKER  
New Orleans Terminal LLC

DON JOHNSON  
Shippers Stevedoring Co.

KEITH PALMISANO  
Ports America New Orleans

JOHN CROWLEY  
National Association of Waterfront  
Employers

BRIAN HAROLD  
APM Terminals Mobile

KENNETH CRIER  
ILA Local 3000

DAVE MORGAN  
Cooper/T. Smith

**Written Comments & Statements**

RICHARD CHRISS  
Executive Director,  
American Institute for International Steel

RANDY GUILLOT  
President, Triple G Express &  
Southeastern Motor Freight

JIM MICHALSKI  
VP, Inland Operations, CMA CGM  
Americas

CURTIS E. WHALEN  
Executive Director, IMCC/ATA

BRIAN L. FIELKOW  
President, Jetco Delivery, LLC

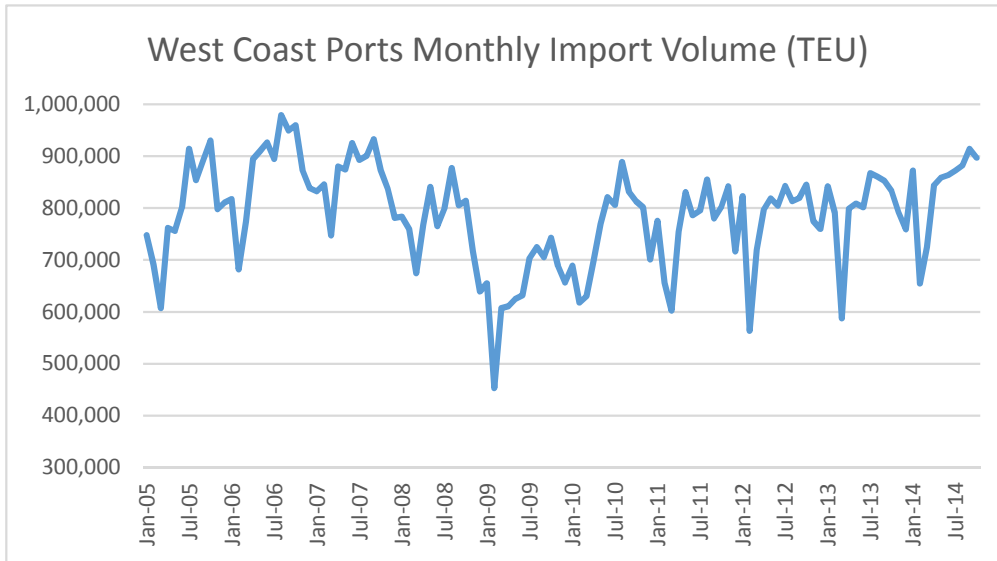


## APPENDIX B

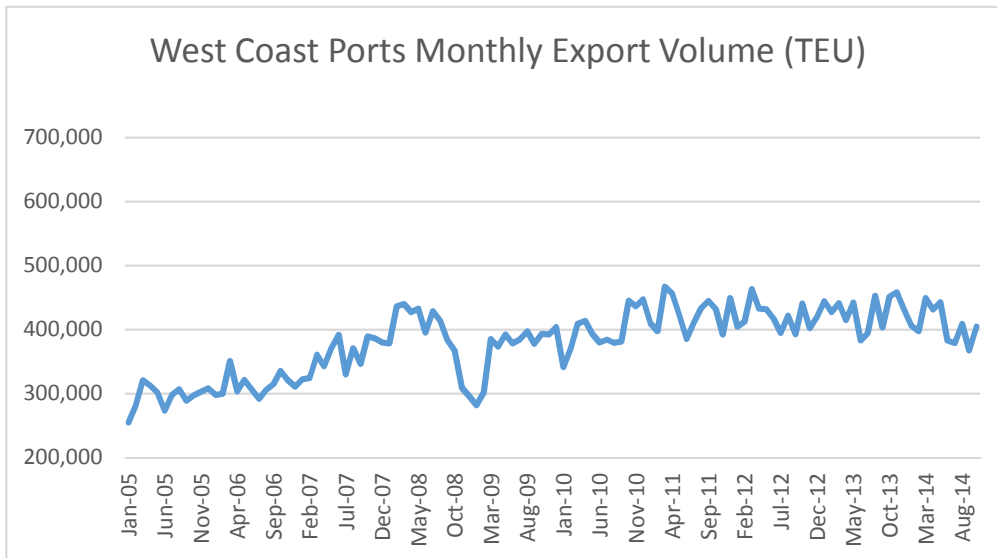
Container Volumes at U.S. Ports  
January 2005 through December 2014



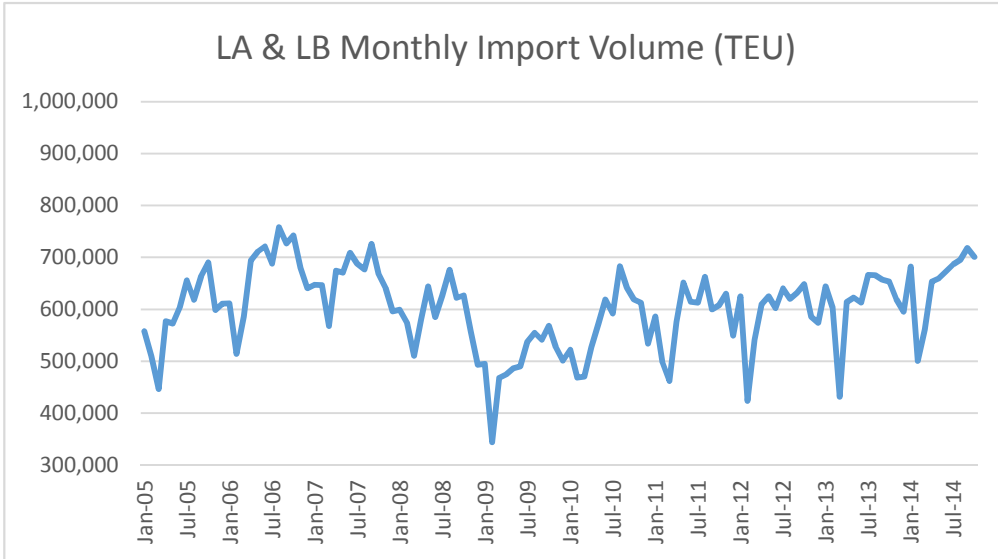
**Container Volumes at U.S. Ports (TEU)**  
**Monthly data January 2005 through December 2014**



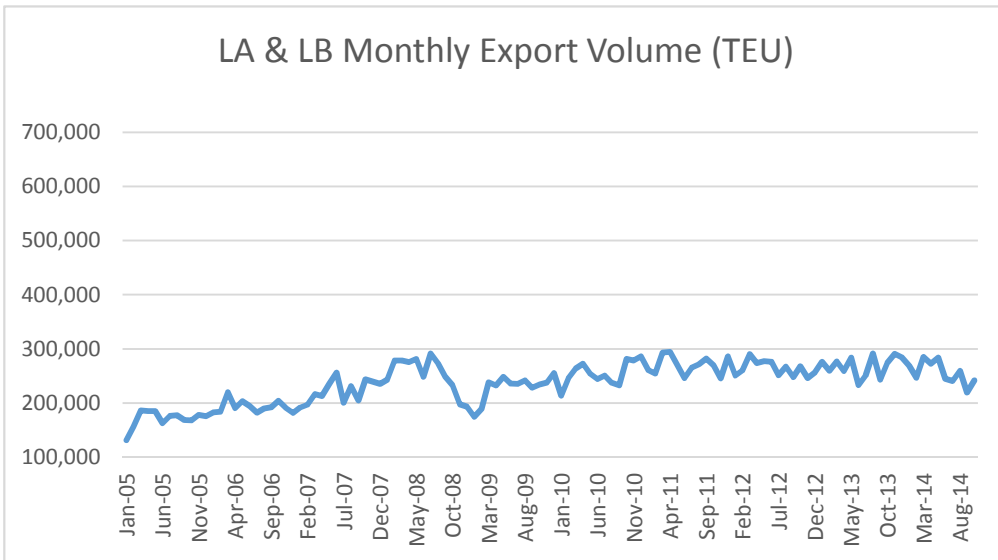
2005 Monthly Avg. 797,031      2014 Monthly Avg. 838,445      % Change 5.2%



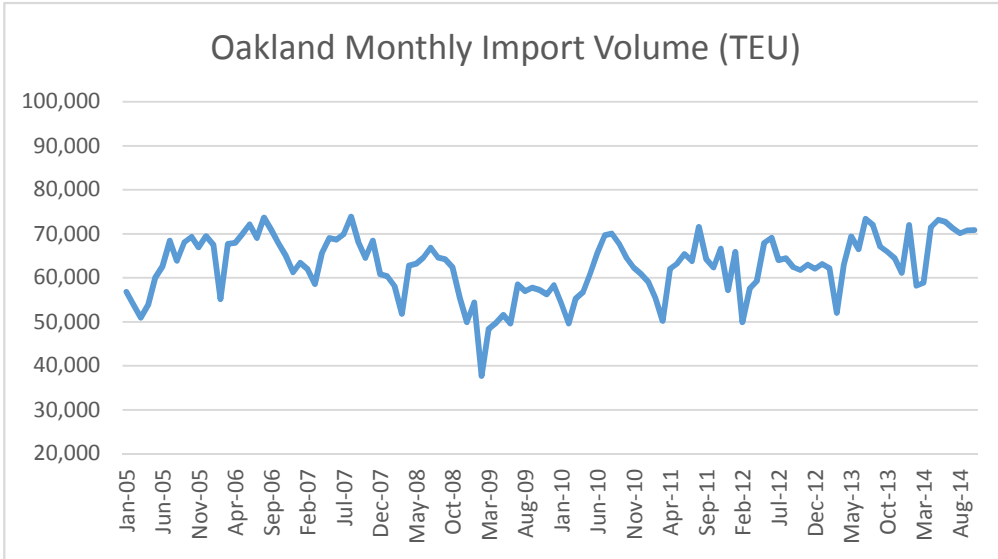
2005 Monthly Avg. 295,822      2014 Monthly Avg. 407,298      % Change 37.7%



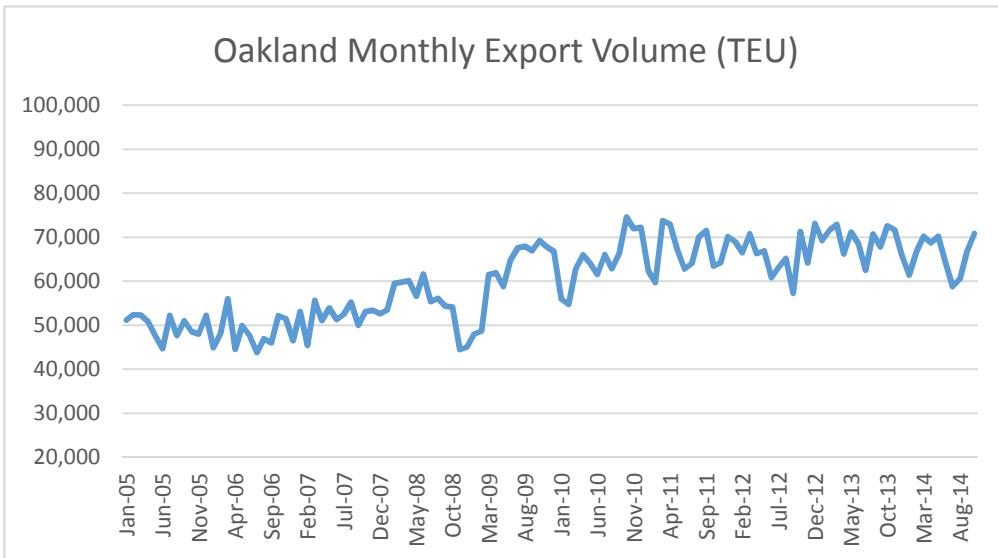
2005 Monthly Avg. 592,158      2014 Monthly Avg. 653,061      % Change 10.3%



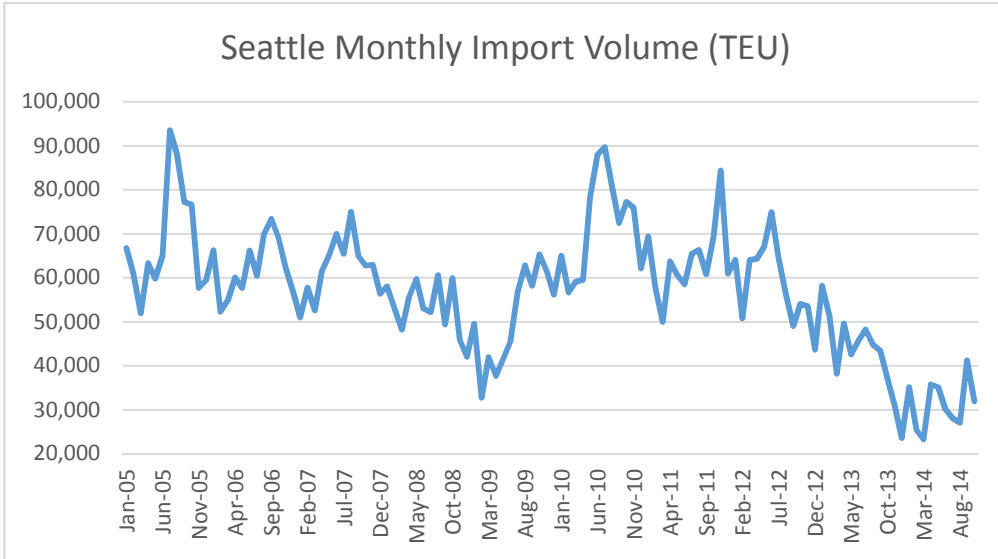
2005 Monthly Avg. 170,955      2014 Monthly Avg. 256,434      % Change 50.0%



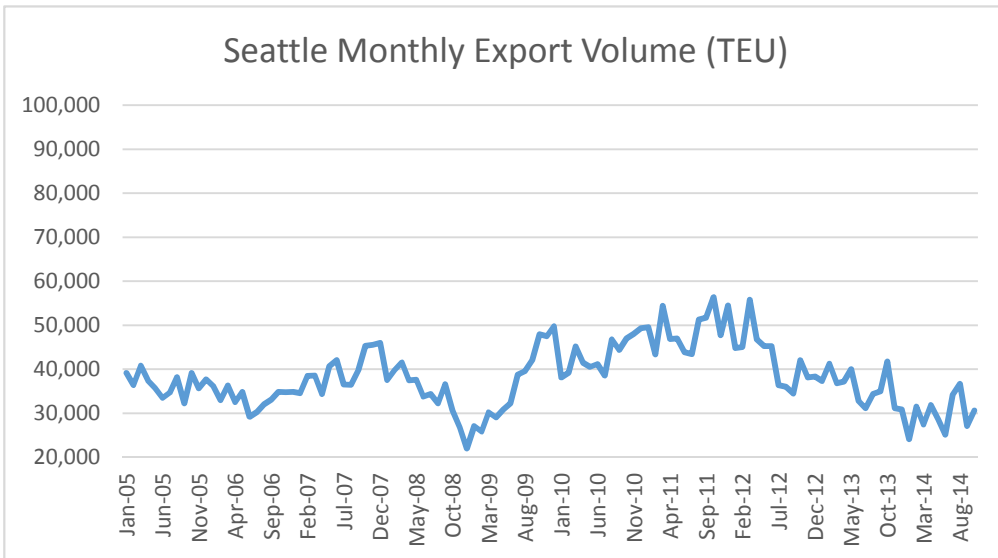
2005 Monthly Avg. 62,015      2014 Monthly Avg. 68,958      % Change 11.2%



2005 Monthly Avg. 49,886      2014 Monthly Avg. 65,858      % Change 32.0%

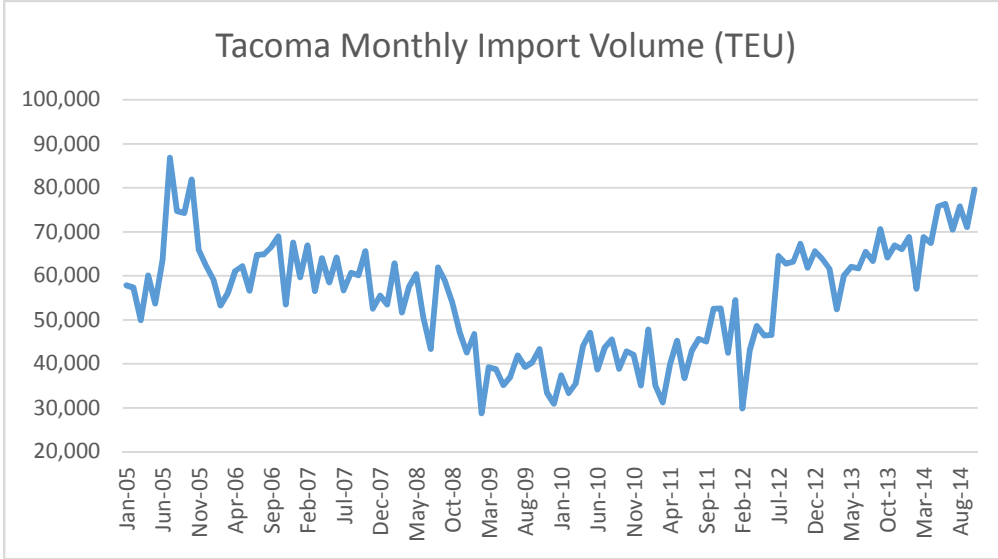


2005 Monthly Avg. 68,358      2014 Monthly Avg. 31,341      % Change -54.2%

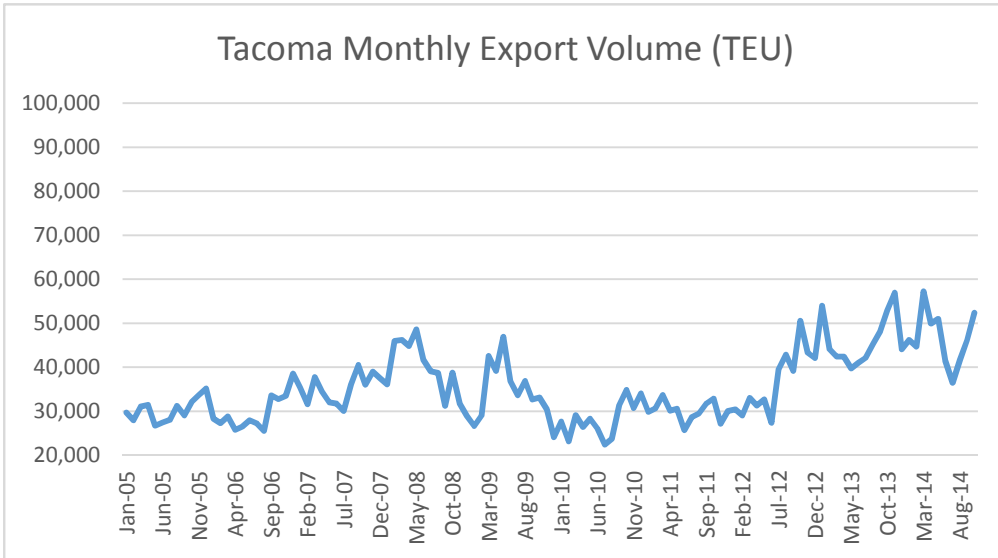


2005 Monthly Avg. 36,721      2014 Monthly Avg. 29,717      % Change -19.1%

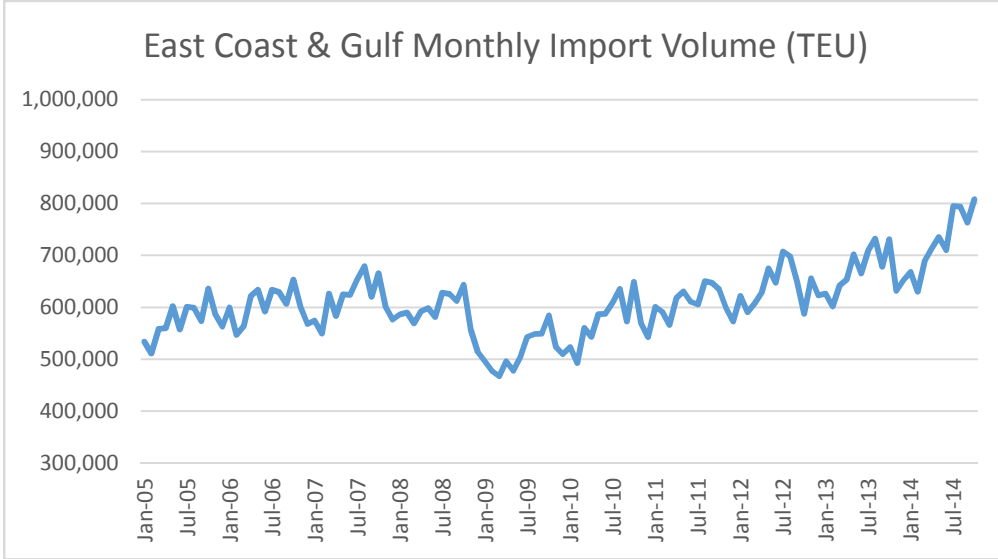




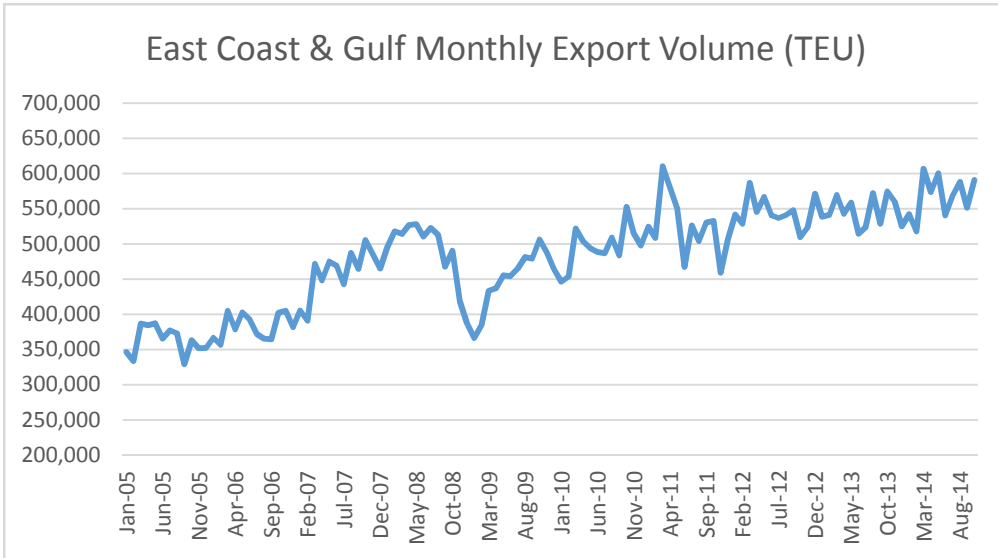
2005 Monthly Avg. 65,695      2014 Monthly Avg. 71,111      % Change 8.2%



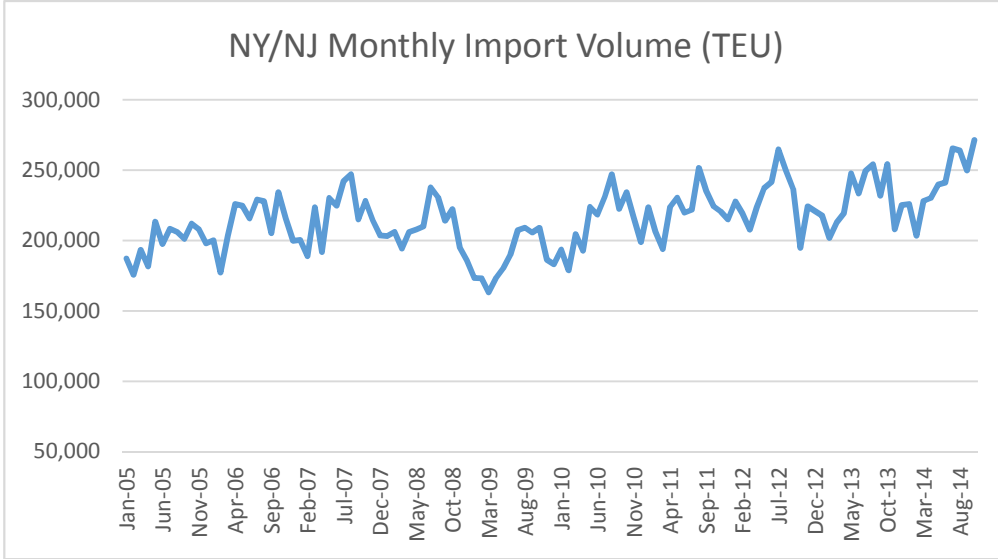
2005 Monthly Avg. 30,274      2014 Monthly Avg. 46,720      % Change 54.3%



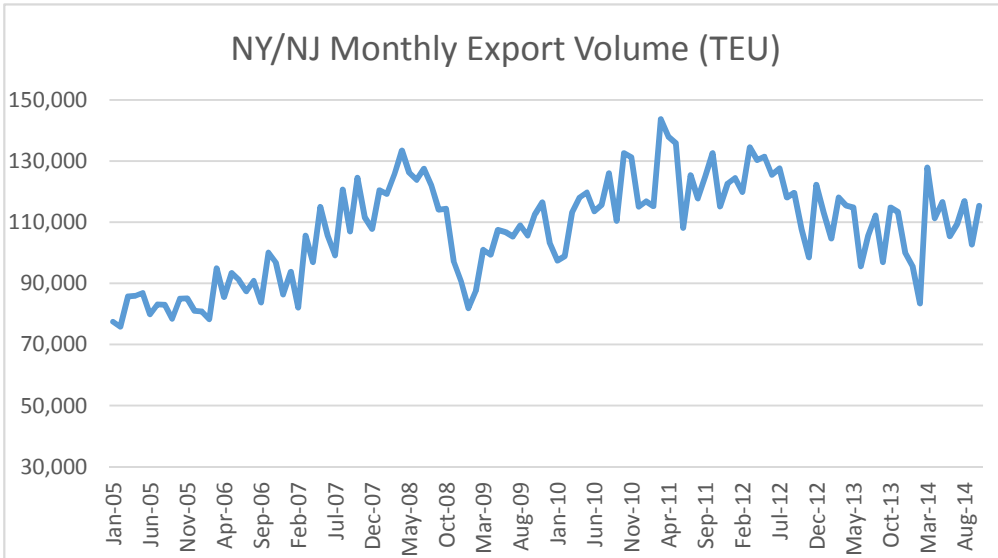
2005 Monthly Avg. 573,390      2014 Monthly Avg. 730,834      % Change 27.5%



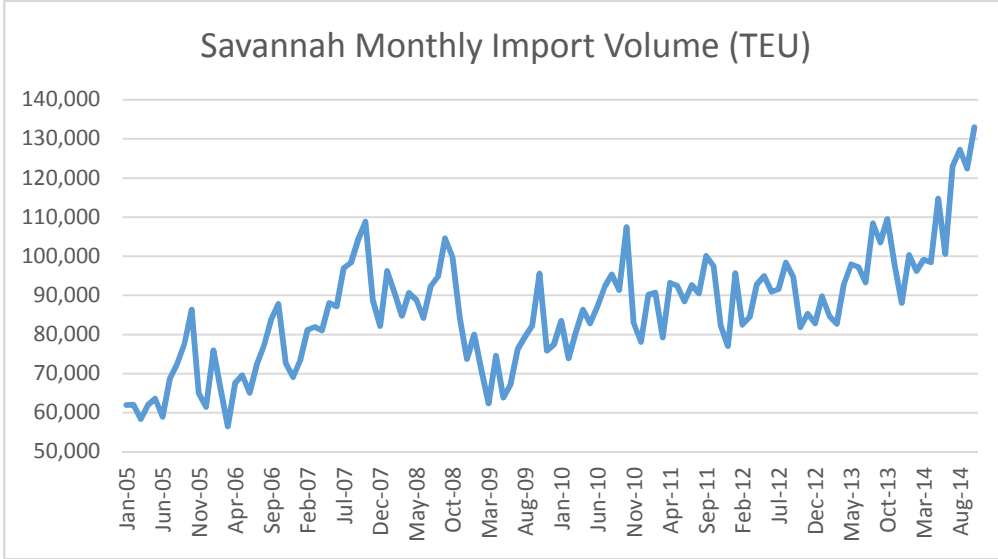
2005 Monthly Avg. 362,695      2014 Monthly Avg. 568,155      % Change 56.6%



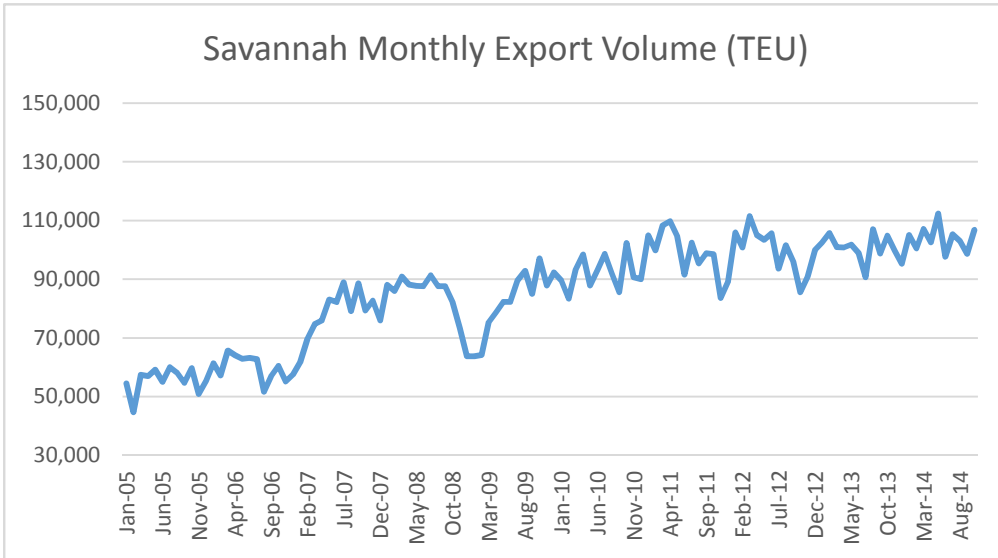
2005 Monthly Avg. 198,602      2014 Monthly Avg. 241,954      % Change 21.8%



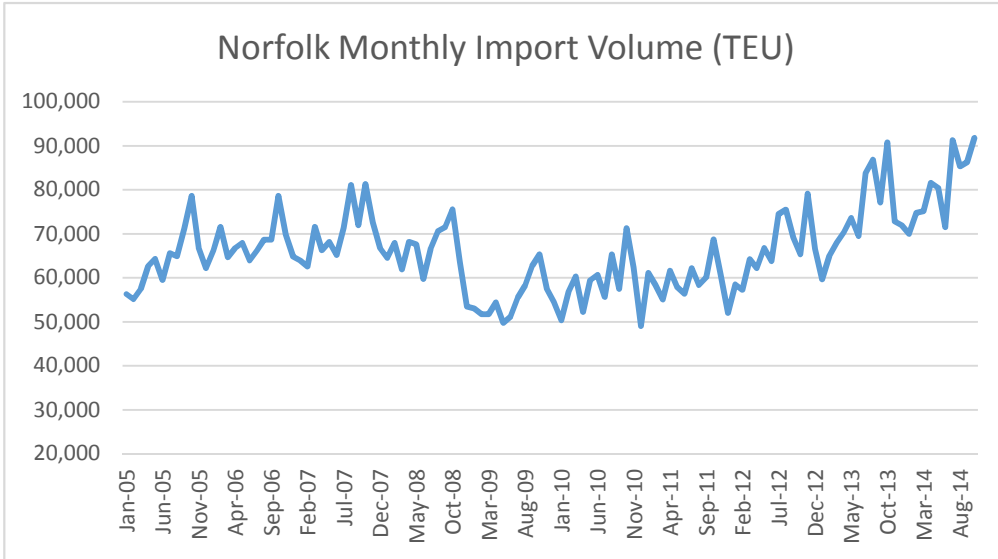
2005 Monthly Avg. 82,278      2014 Monthly Avg. 108,446      % Change 31.8%



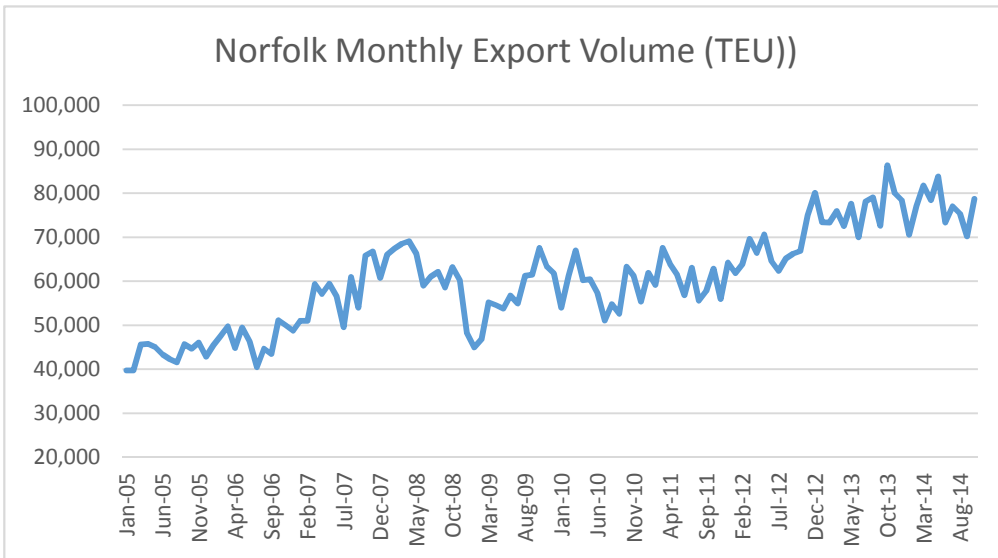
2005 Monthly Avg. 66,531      2014 Monthly Avg. 111,508      % Change 67.6%



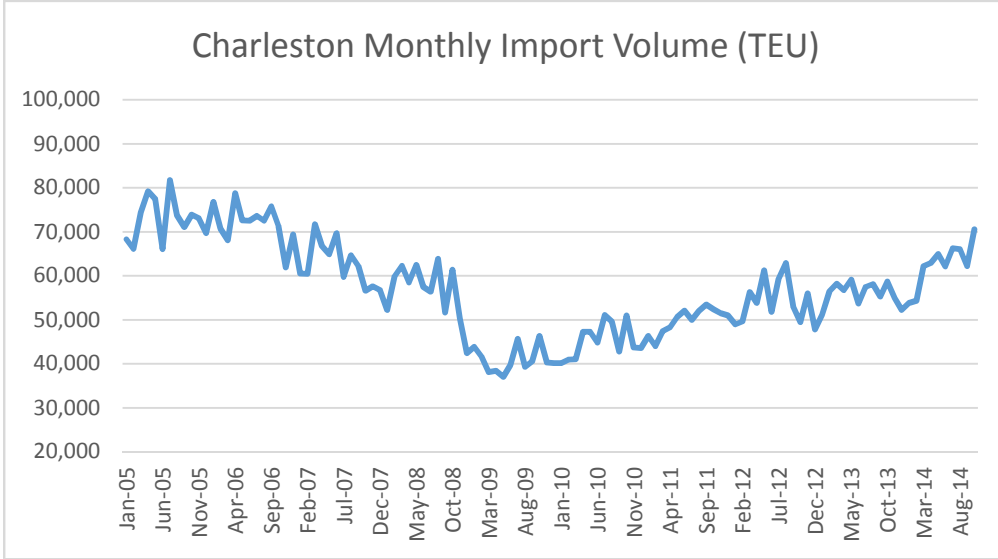
2005 Monthly Avg. 55,534      2014 Monthly Avg. 103,894      % Change 87.1%



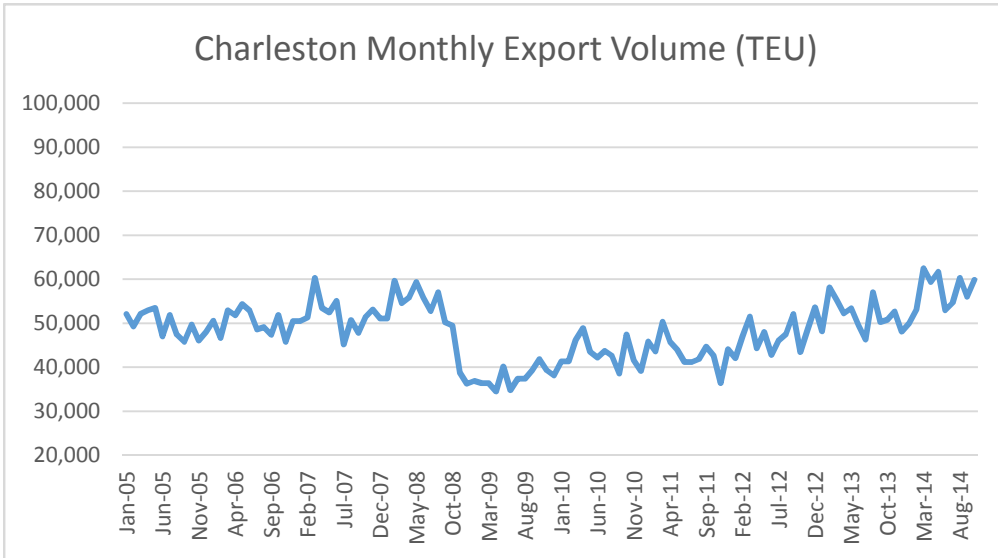
2005 Monthly Avg. 63,726      2014 Monthly Avg. 80,816      % Change 26.8%



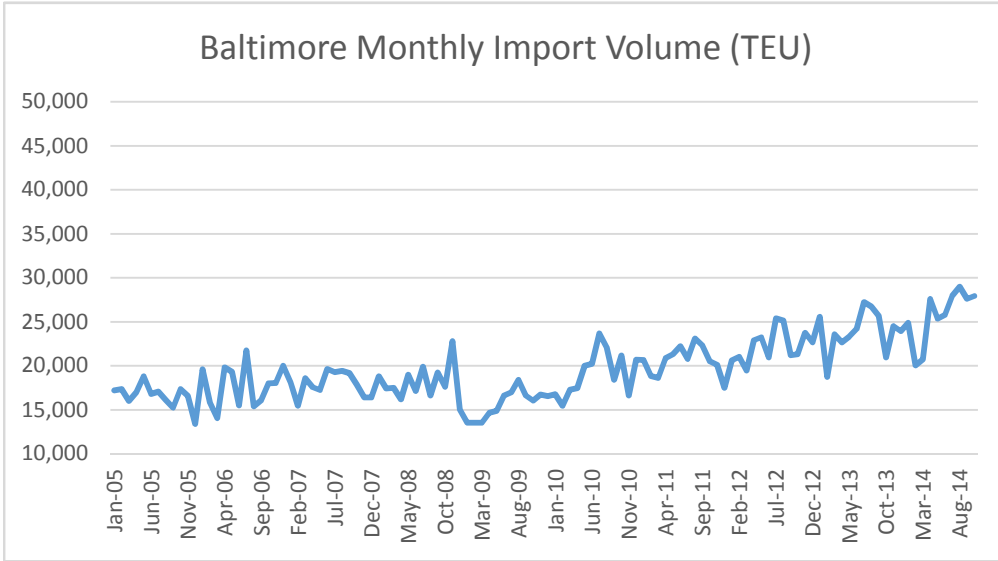
2005 Monthly Avg. 43,528      2014 Monthly Avg. 76,617      % Change 76.0%



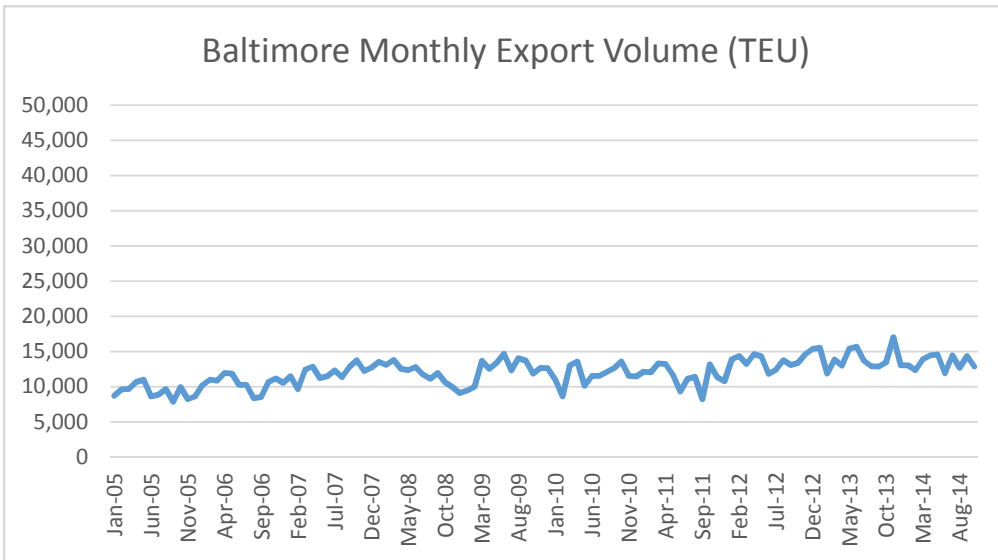
2005 Monthly Avg. 72,900      2014 Monthly Avg. 62,547      % Change -14.2%



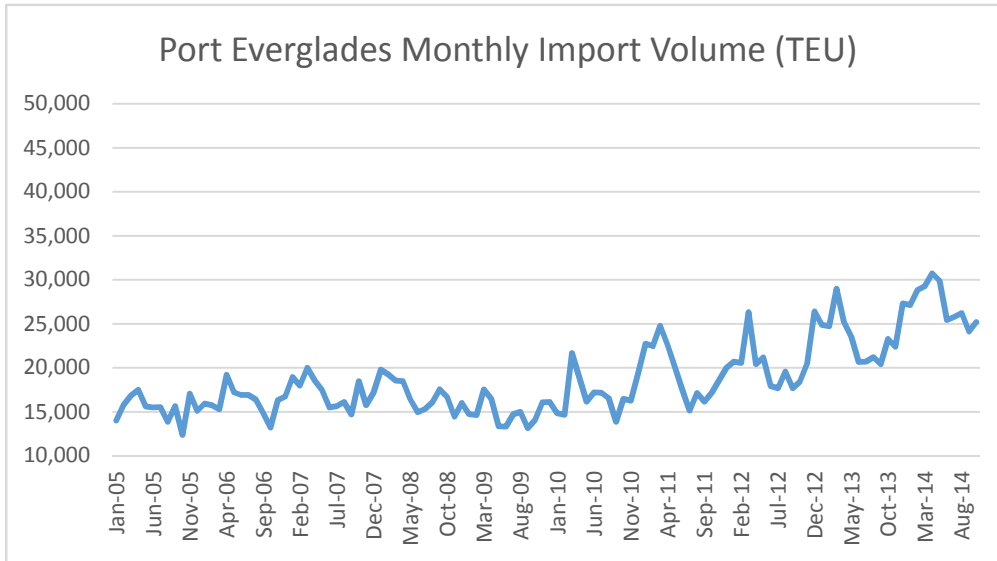
2005 Monthly Avg. 49,642      2014 Monthly Avg. 57,037      % Change 14.9%



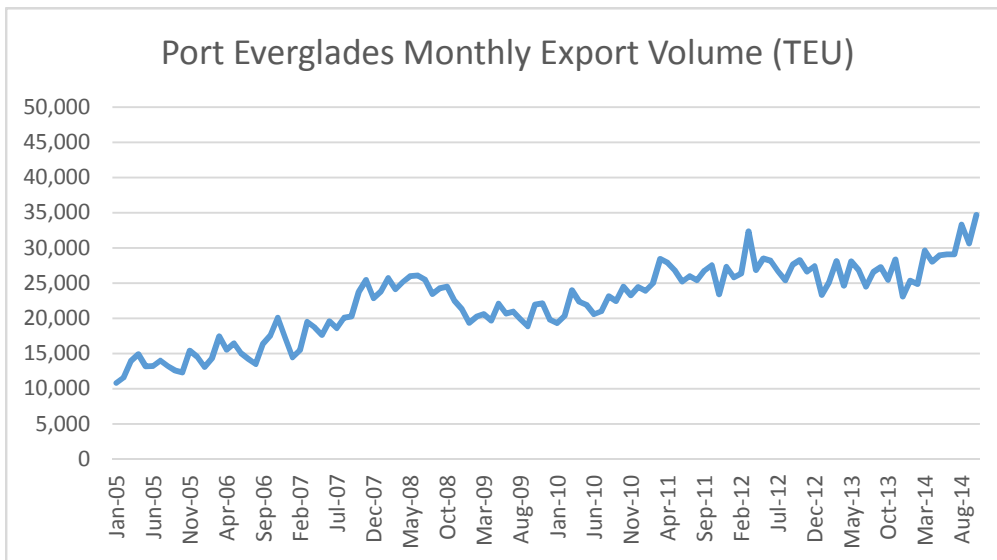
2005 Monthly Avg. 16,576      2014 Monthly Avg. 25,688      % Change 55.0%



2005 Monthly Avg. 9,309      2014 Monthly Avg. 13,475      % Change 44.8%

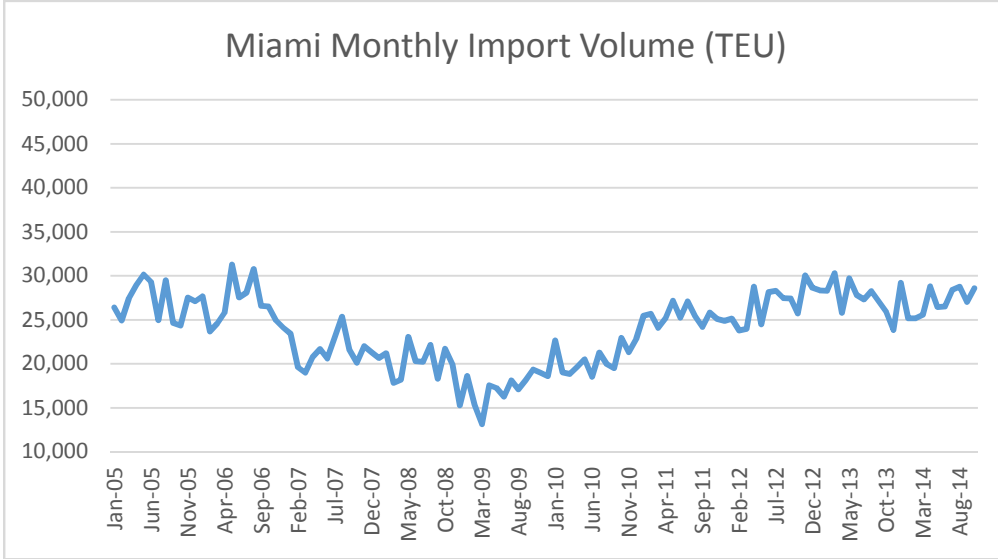


2005 Monthly Avg. 15,404      2014 Monthly Avg. 27,268      % Change 77.0%

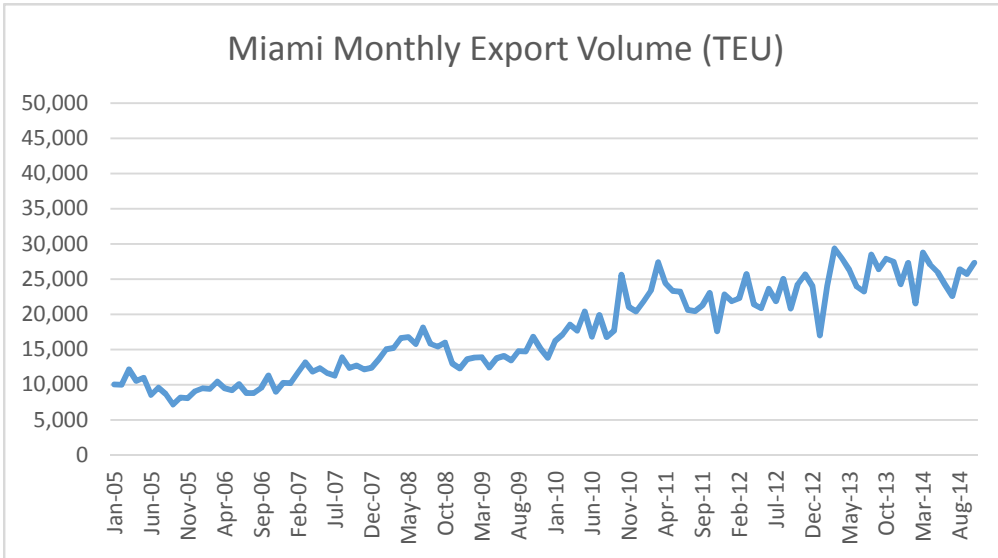


2005 Monthly Avg. 13,330      2014 Monthly Avg. 29,378      % Change 120.4%

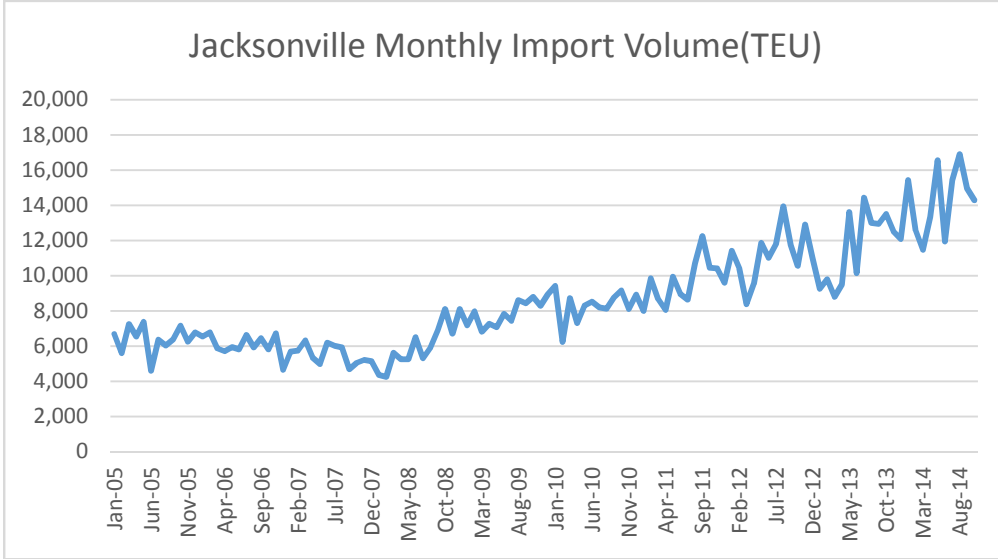




2005 Monthly Avg. 27,106      2014 Monthly Avg. 27,045      % Change -0.2%



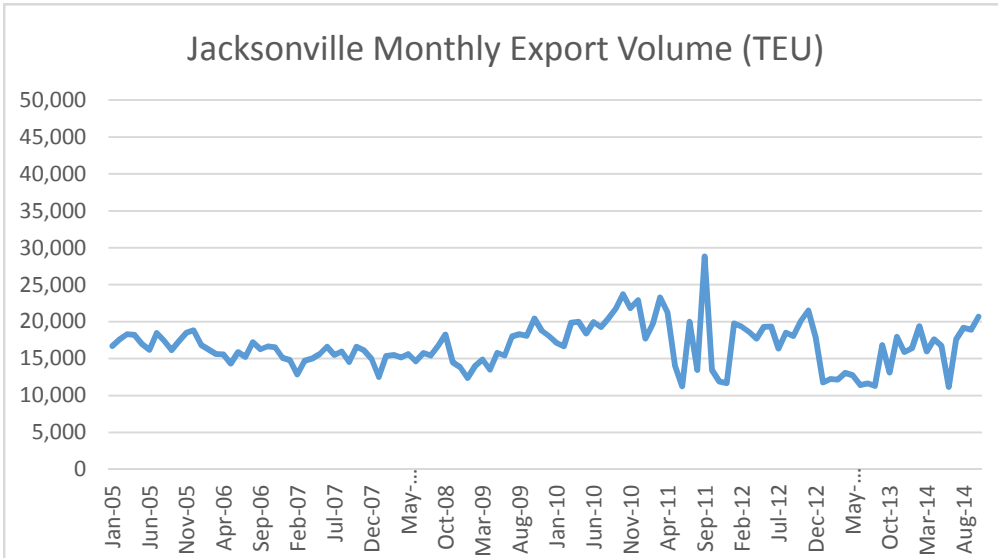
2005 Monthly Avg. 9,439      2014 Monthly Avg. 25,706      % Change 172.3%



2005 Monthly Avg. 6,427

2014 Monthly Avg. 14,299

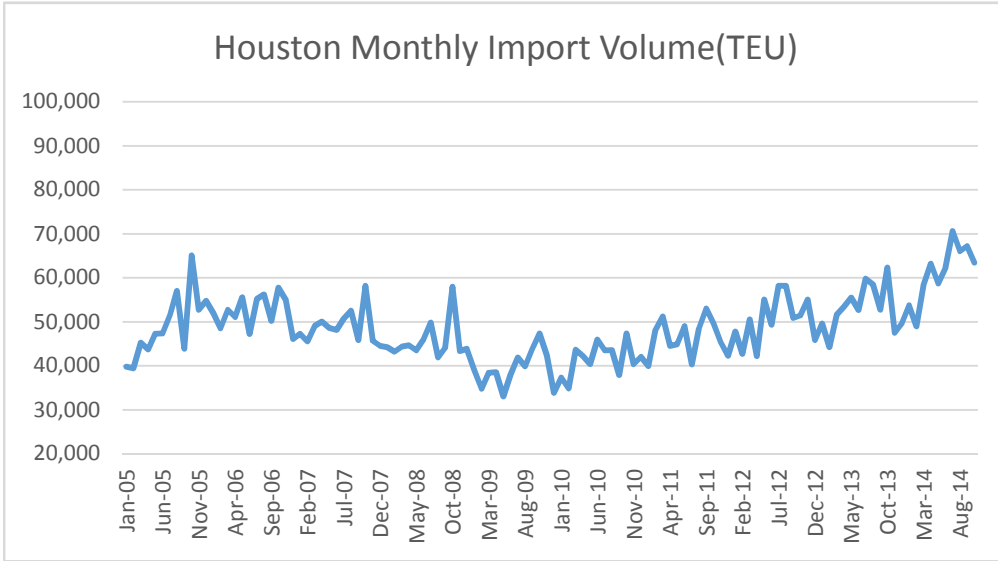
% Change 122.5%



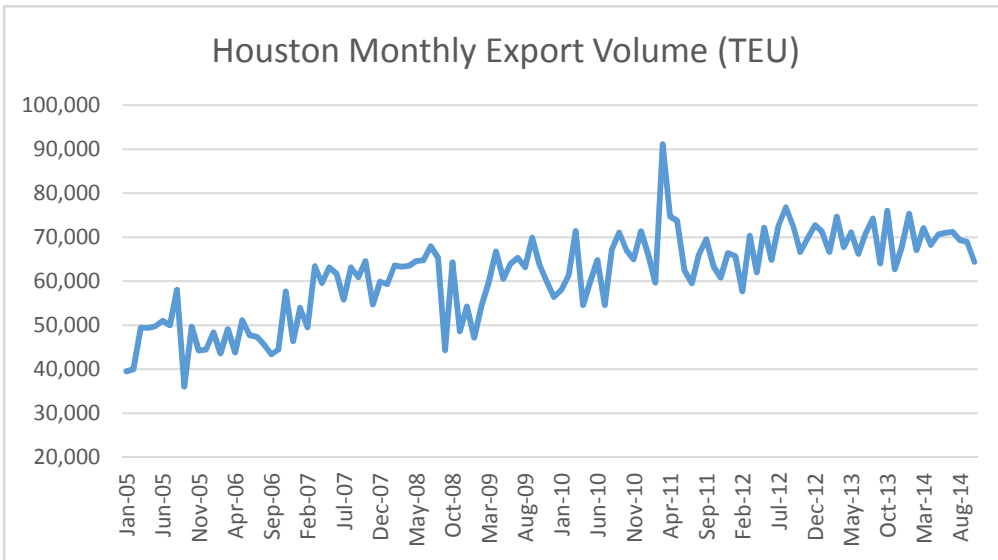
2005 Monthly Avg. 17,561

2014 Monthly Avg. 17,362

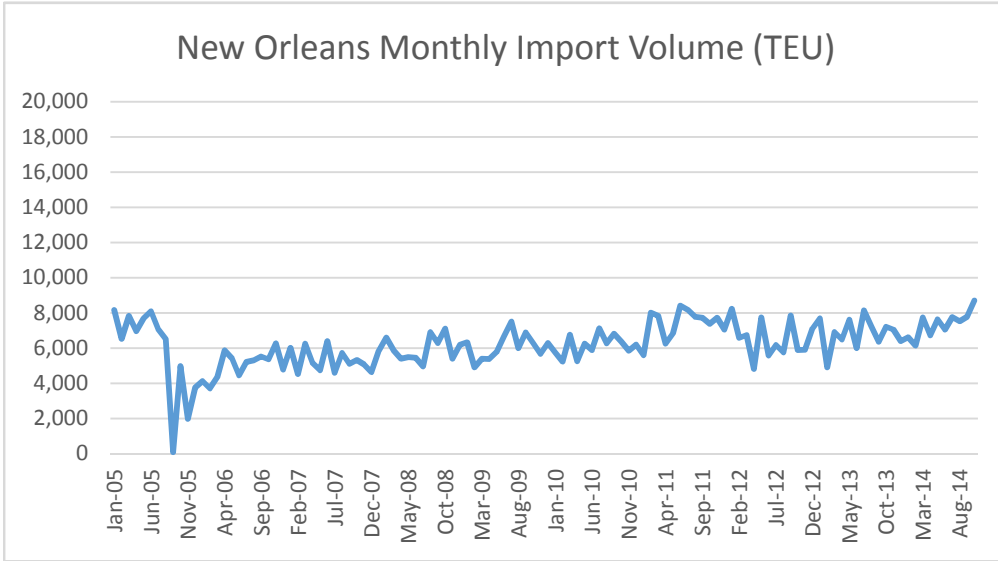
% Change -1.1%



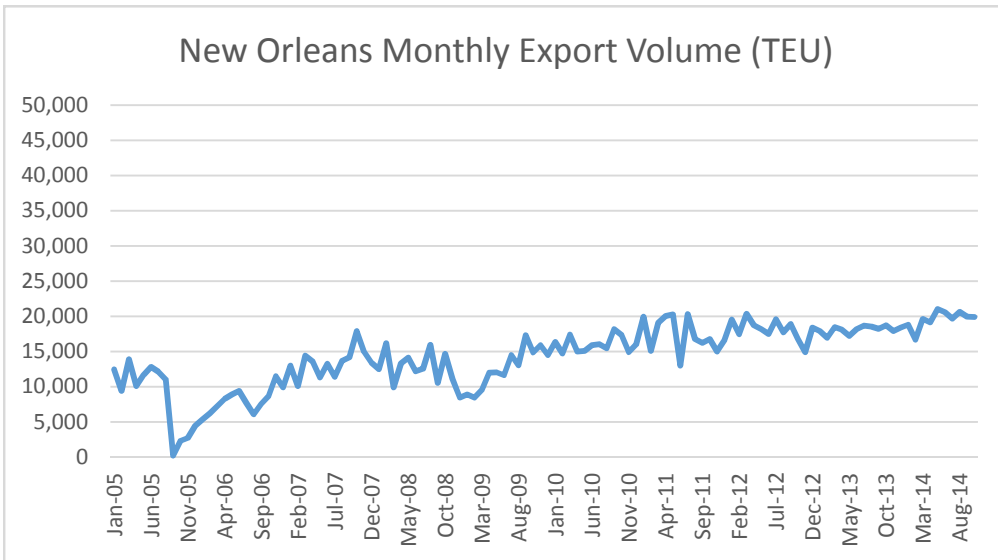
2005 Monthly Avg. 48,987      2014 Monthly Avg. 61,246      % Change 25.0%



2005 Monthly Avg. 46,799      2014 Monthly Avg. 69,812      % Change 49.2%



2005 Monthly Avg. 5,807      2014 Monthly Avg. 7,374      % Change 27.0%



2005 Monthly Avg. 8,621      2014 Monthly Avg. 19,612      % Change 127.5%  
 Aug 2005: Hurricane Katrina

## APPENDIX C

### Average Size of Containerships Calling at U.S. Ports & Average Number of Containers Exchanged

#### Notes to the Charts

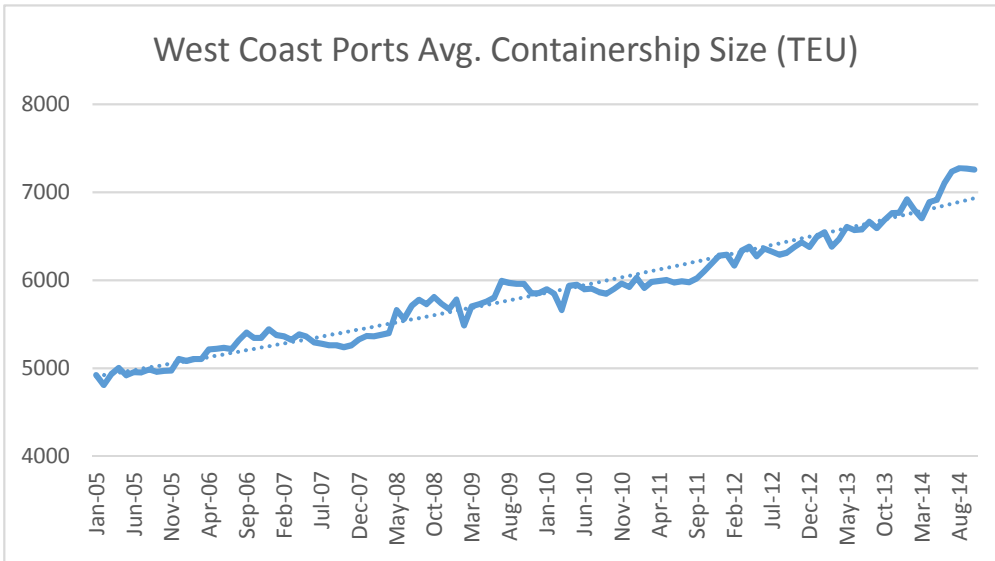
The data displayed in the charts that follow are derived from two sources of information, namely, *IHS Sea-Web* and the Journal of Commerce's *Port Import/Export Reporting System (PIERS)*.

The charts that show the average size of containerships calling at different port locations in the U.S. on a monthly basis over time (shown in the top-half of each page) are derived from data sourced from *IHS Sea-Web*. By ship name and IMO number, the containerships that called at each port each month were identified. The design capacity (in TEUs) of each containership calling at each port each month also was extracted from *IHS Sea-Web*. A simple arithmetic average of the size of all containerships (average TEU capacity) calling each month at each port was computed. An exponential trend line was fitted to the observations derived, which expresses the average rate of change in terms of a constant percentage change per unit of time. (A linear trend line which would express the rate of change as a constant absolute change per unit of time.) A limitation of the monthly *IHS Sea-Web* data that was used in this exercise is that a containership calling at the port in any one month is recorded once only regardless of the actual number of calls a particular ship may have made. However, as most containership voyages are of relatively long duration, typically one month or more, it is believed this is a rather minor data limitation.

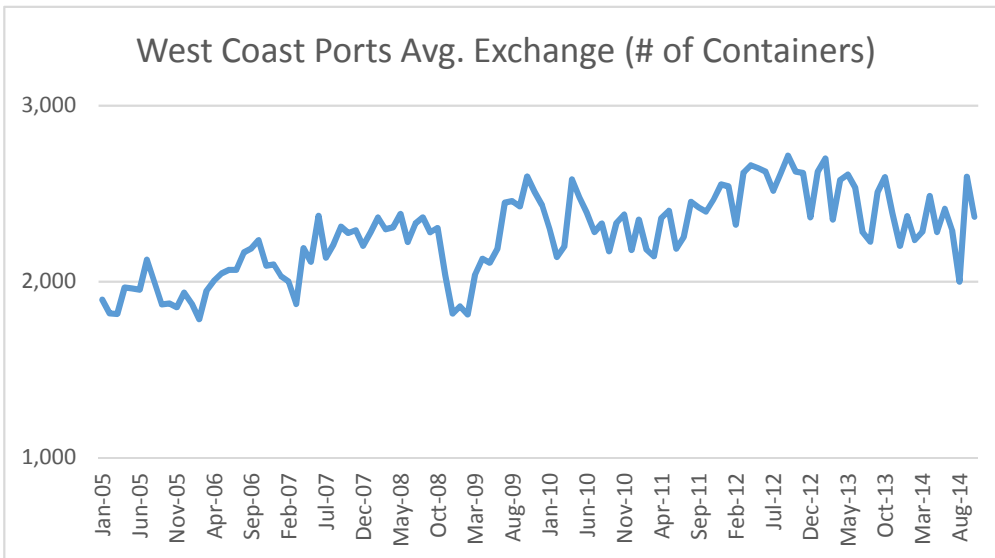
The charts that show the average number of containers exchanged by containerships calling at different port locations in the U.S. (shown in the bottom-half of each page) made use of *PIERS* data to obtain the amount of TEUs discharged from and loaded to container vessels calling at the port each month. The number of containership calls at the port each month was obtained from *IHS Sea-Web* (subject to the previously disclosed data limitation). Vessel container exchanges normally are measured in terms of container lifts, thereby disregarding the size of the containers discharged or loaded. To retain this measure, a standard conversion factor of 1.75 was used to translate the loaded TEUs data obtained from *PIERS* into an estimate of the number of containers lifted off or onto the ships (on average, one container equates to 1.75 TEUs). The number of loaded containers handled when divided by the number of containership calls at the port that month gives the average number of containers exchanged by the containerships that called at the port that month. The average container exchange figures displayed in these charts are based on loaded containers (i.e., containers loaded with cargo) and, therefore, exclude the handling of empty containers from or onto the vessels. The handling of empty containers, typically, would inflate the size of the average (full) container exchange shown in the charts between about 20 to 35 percent, depending on how well-balanced imports and exports are at a particular port.



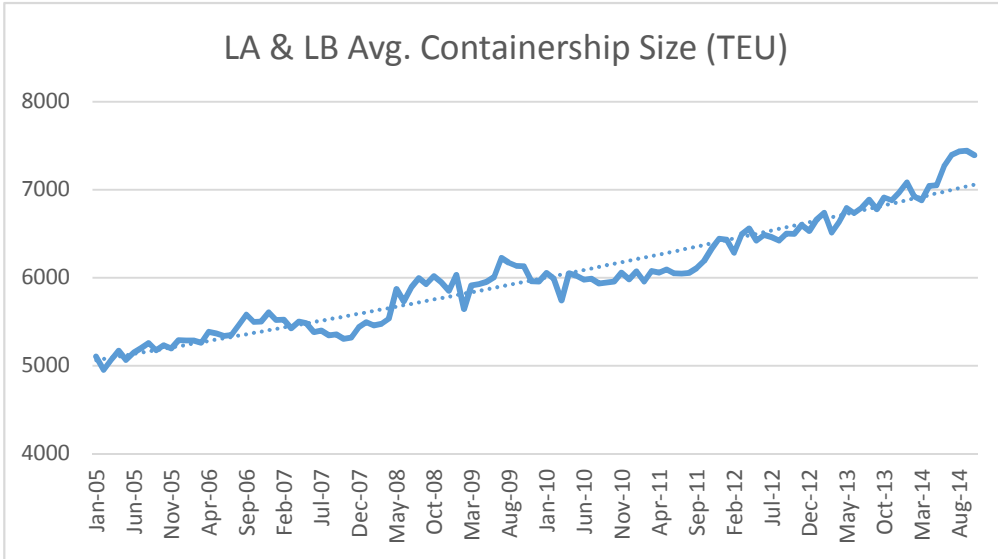
**Average Size of Containerships Calling at U.S. Ports  
& Average Number of Containers Exchanged**



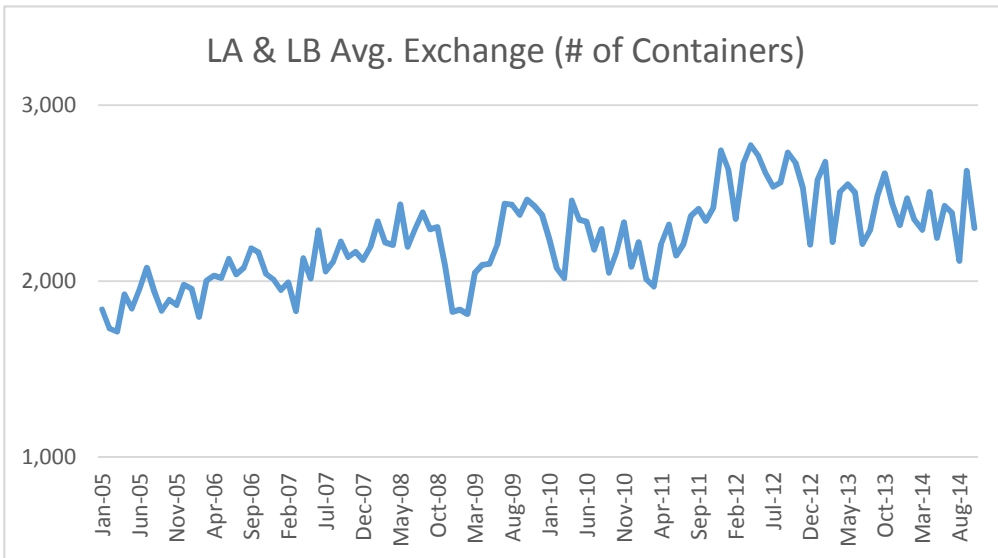
2005 Avg. 4958      2014 Avg. 7038      % Change 41.9%



2005 Avg. 1924      2014 Avg. 2334      % Change 21.3%

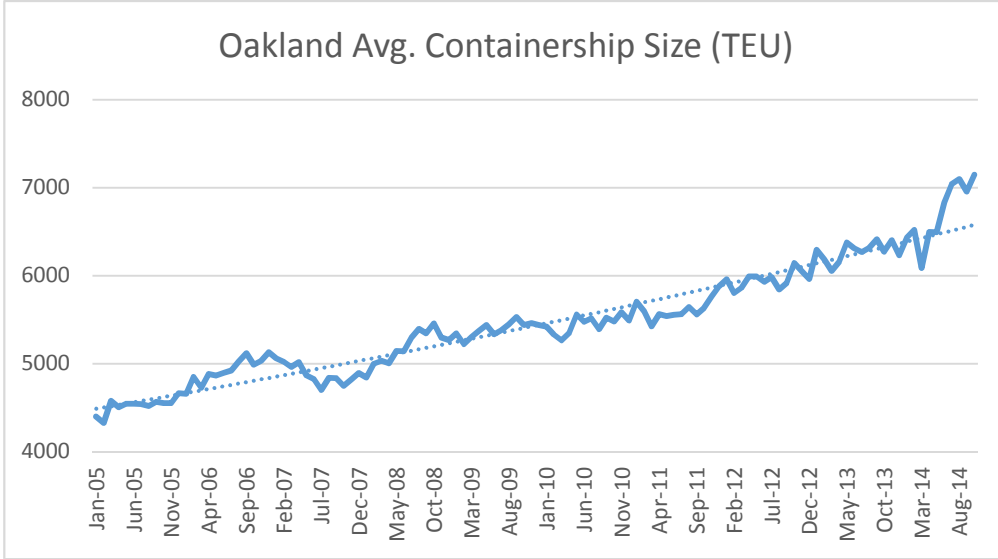


2005 Avg. 5156      2014 Avg. 7192      % Change 39.5%

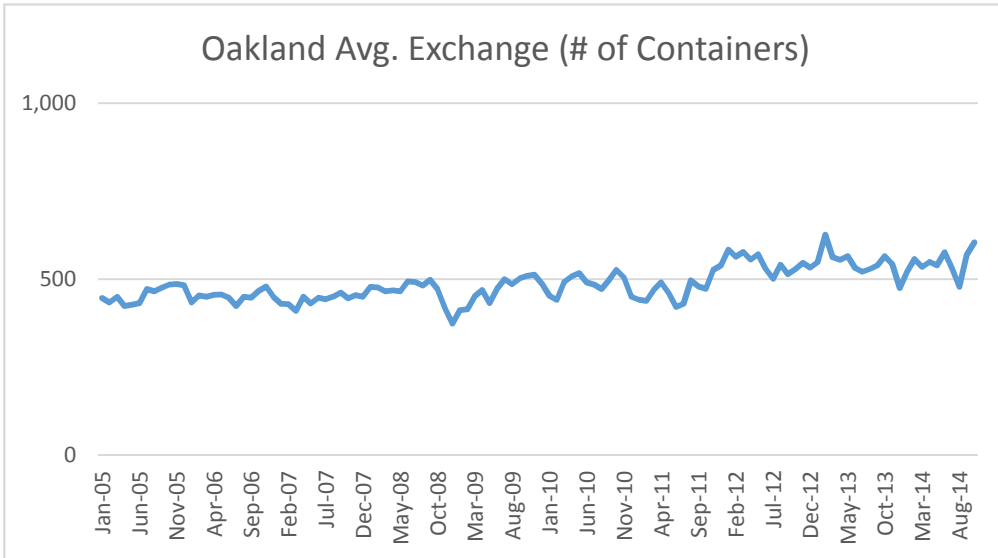


2005 Avg. 1883      2014 Avg. 2372      % Change 26.0%

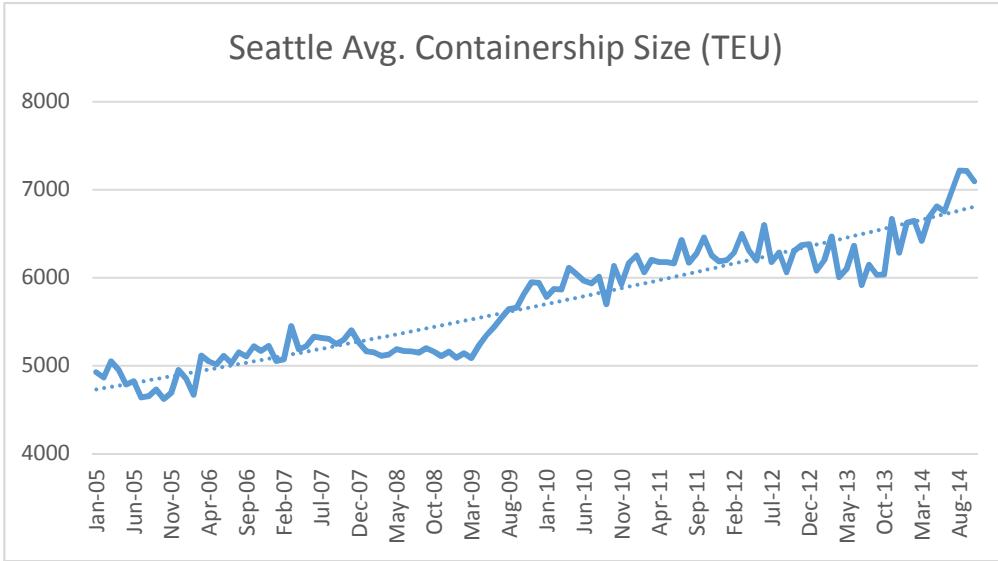




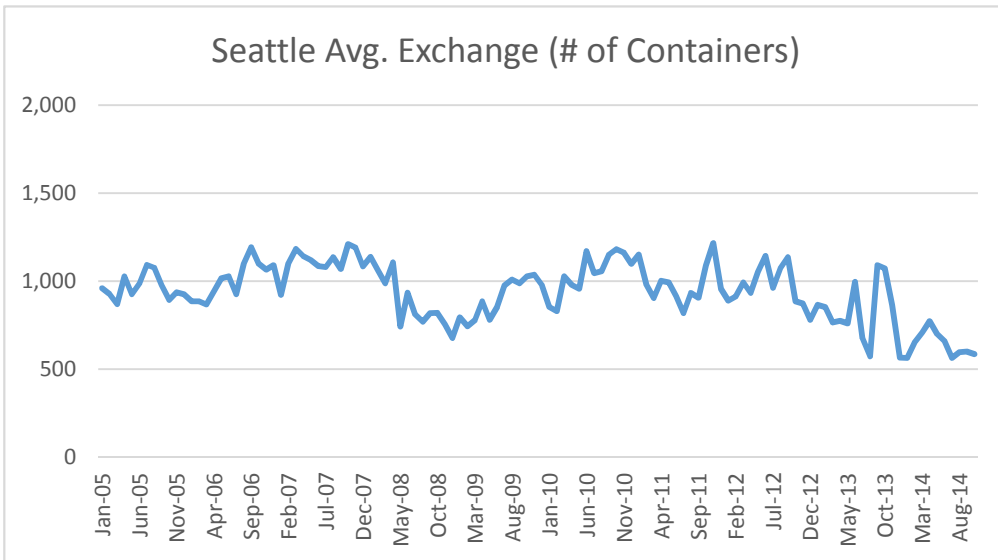
2005 Avg. 4526      2014 Avg. 6712      % Change 48.3%



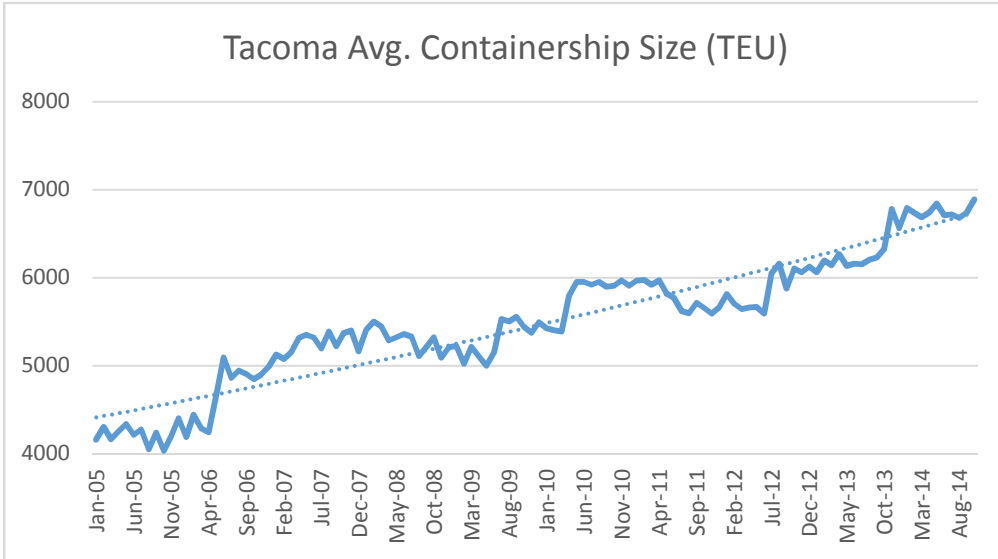
2005 Avg. 457      2014 Avg. 546      % Change 19.6%



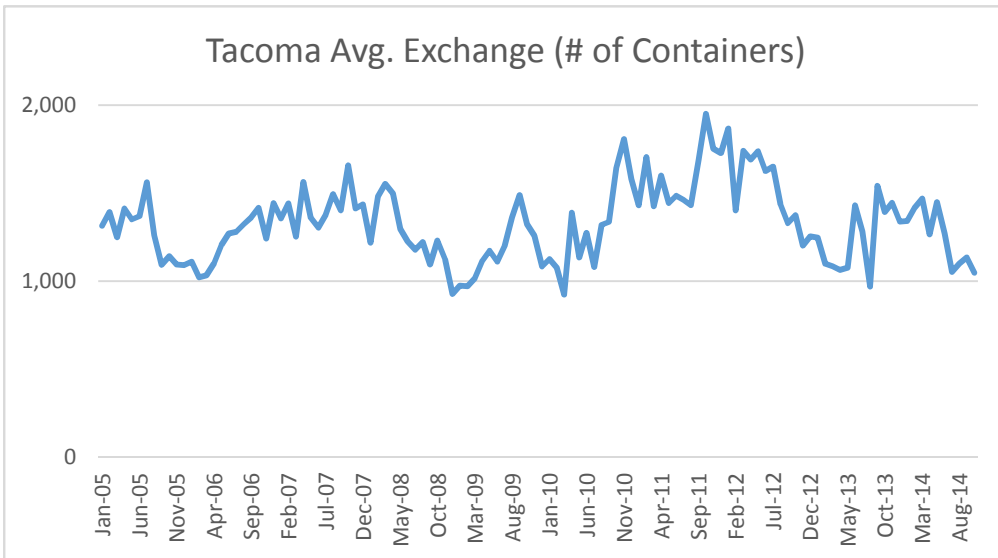
2005 Avg. 4809      2014 Avg. 6847      % Change 42.4%



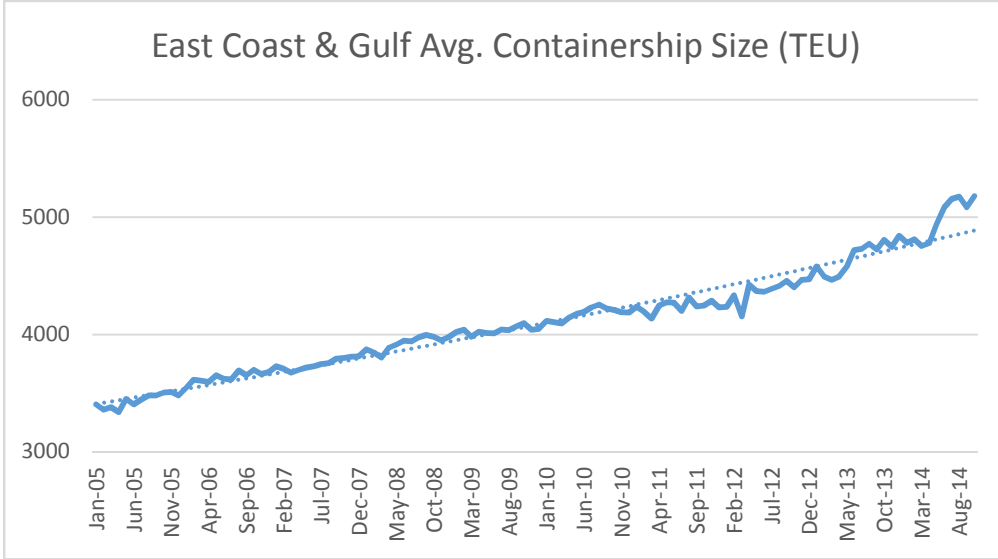
2005 Avg. 967      2014 Avg. 640      % Change -33.8%



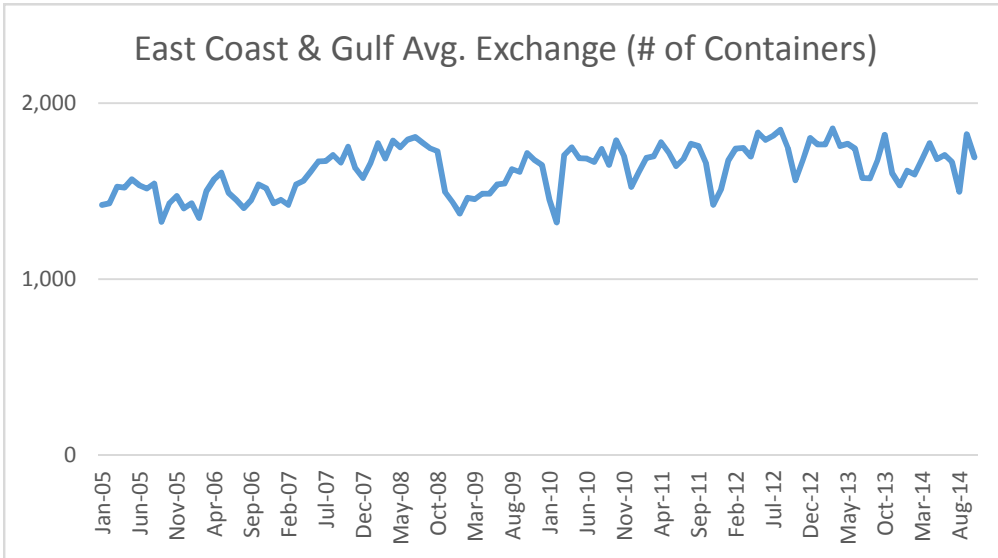
2005 Avg. 4221      2014 Avg. 6755      % Change 60.0%



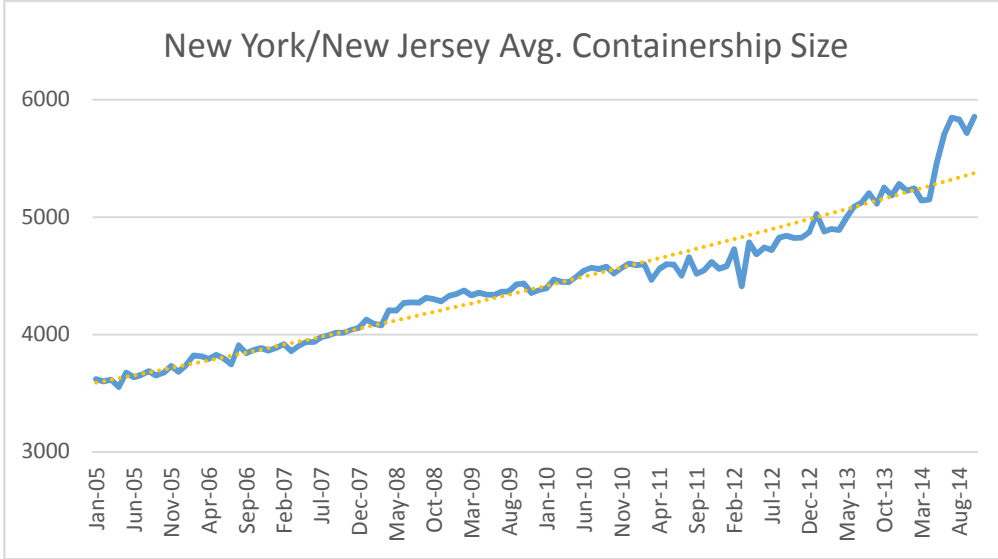
2005 Avg. 1278      2014 Avg. 1255      % Change -1.8%



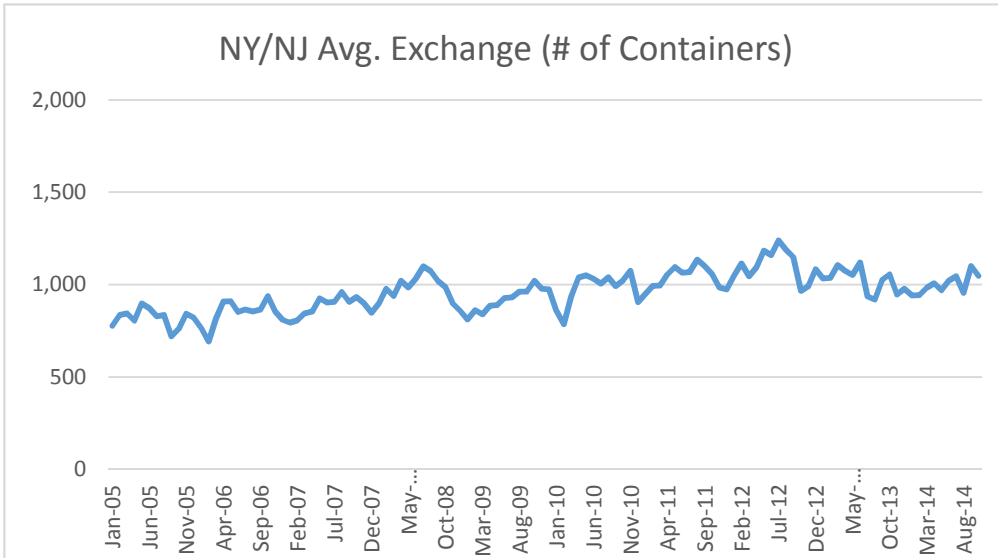
2005 Avg. 3436      2014 Avg. 4974      % Change 44.8%



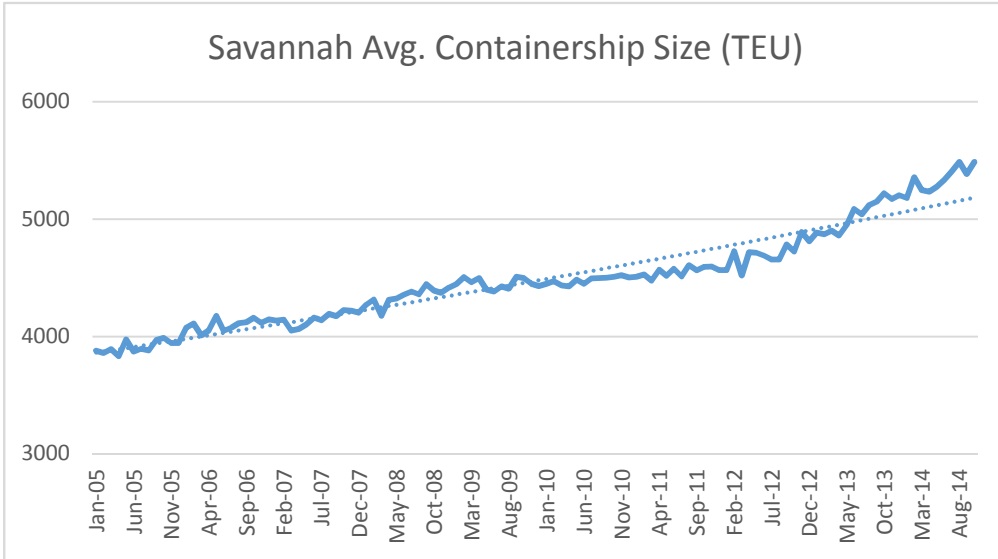
2005 Avg. 1474      2014 Avg. 1674      % Change 13.5%



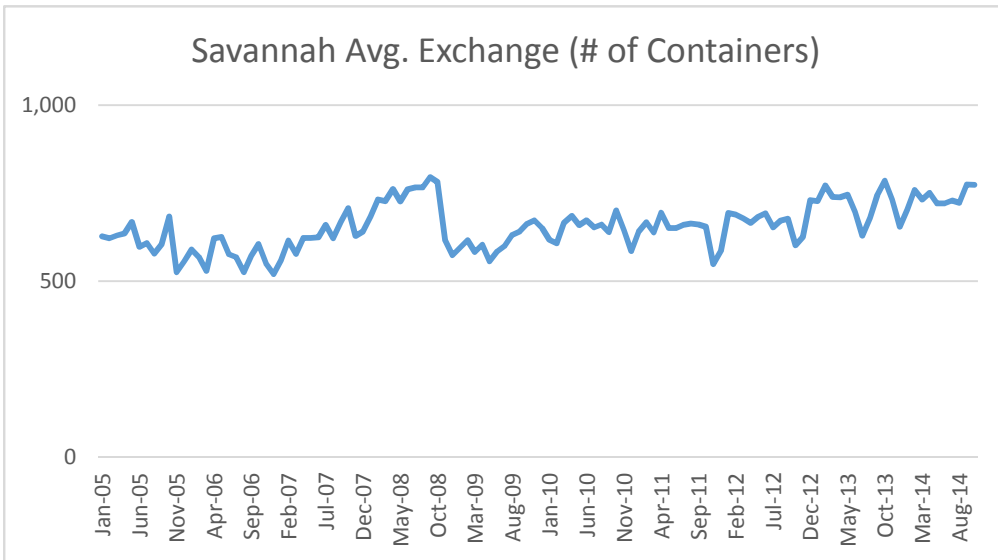
2005 Avg. 3648      2014 Avg. 5518      % Change 51.3%



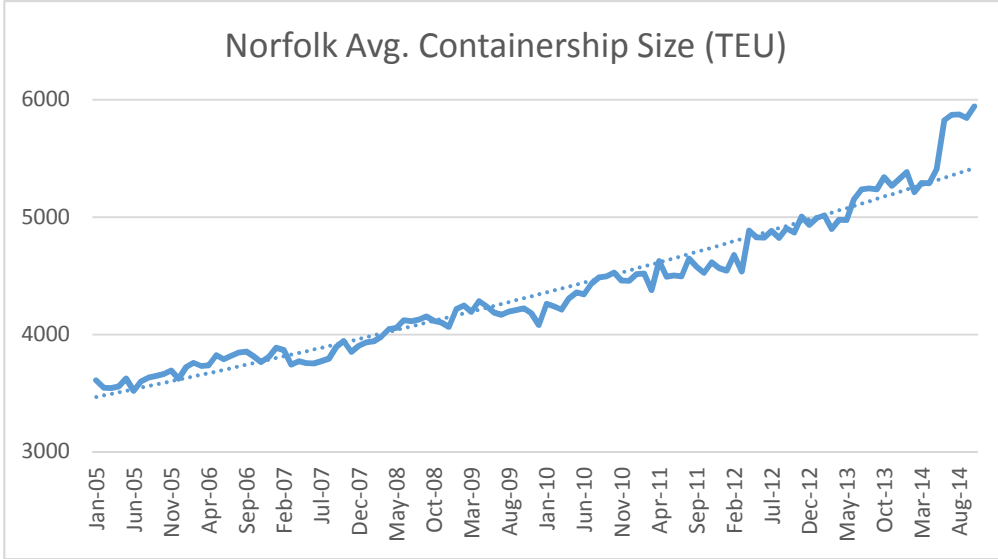
2005 Avg. 820      2014 Avg. 1001      % Change 22.1%



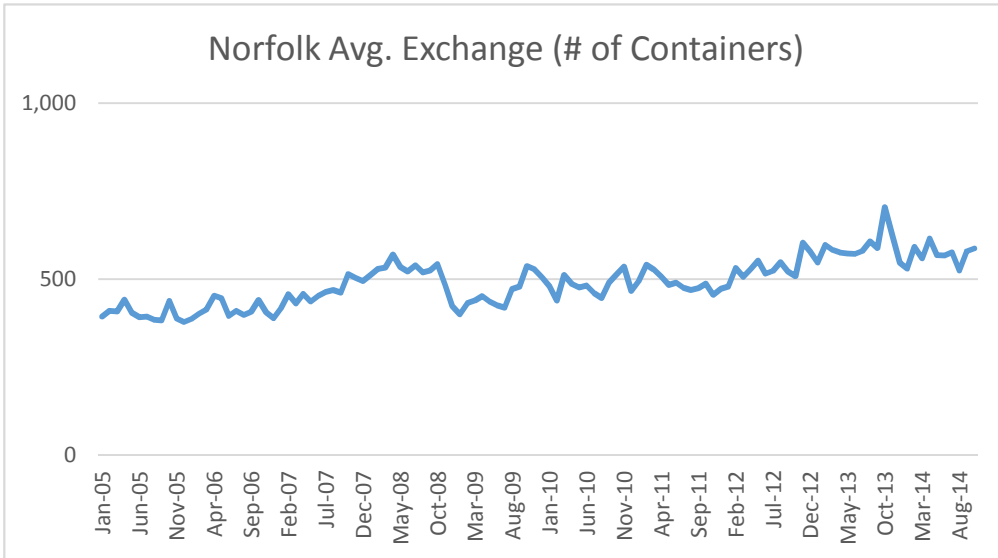
2005 Avg. 3911      2014 Avg. 5339      % Change 36.5%



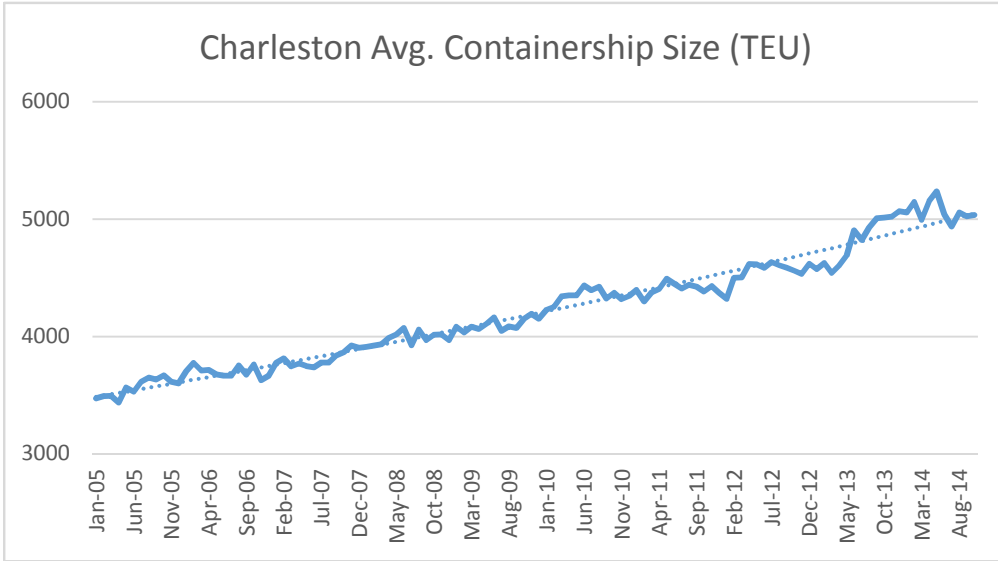
2005 Avg. 611      2014 Avg. 739      % Change 20.8%



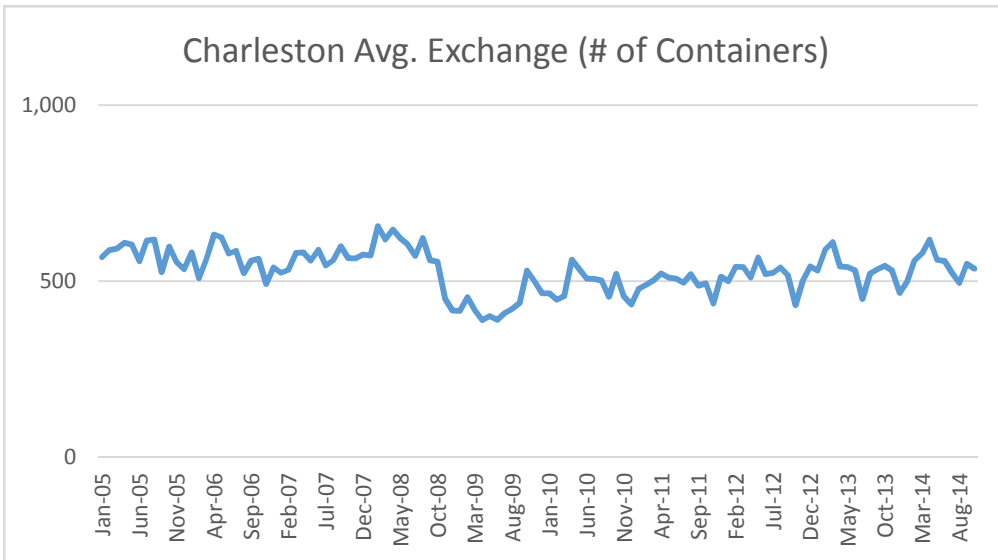
2005 Avg. 3605      2014 Avg. 5594      % Change 55.2%



2005 Avg. 401      2014 Avg. 570      % Change 42.0%

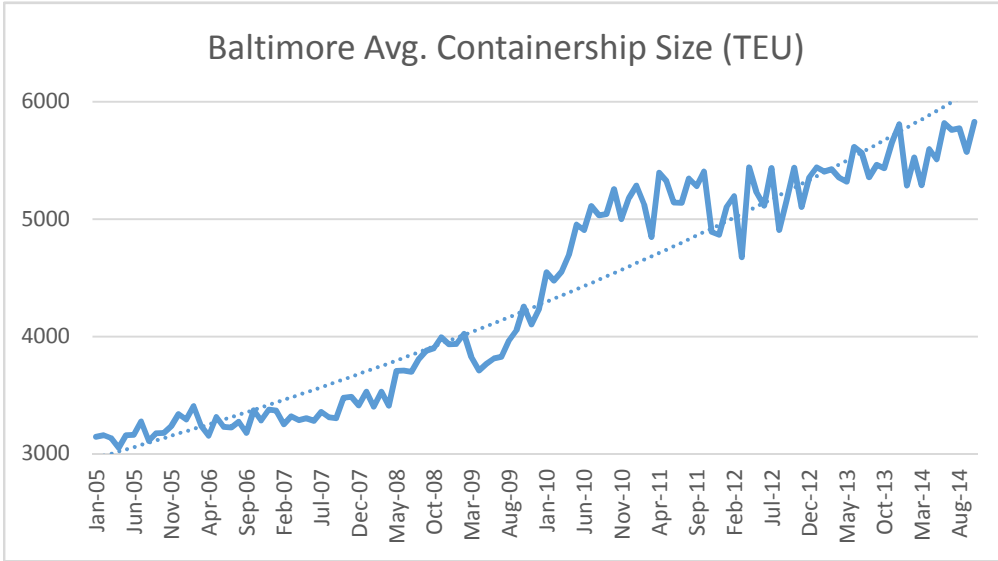


2005 Avg. 3564      2014 Avg. 5069      % Change 42.2%

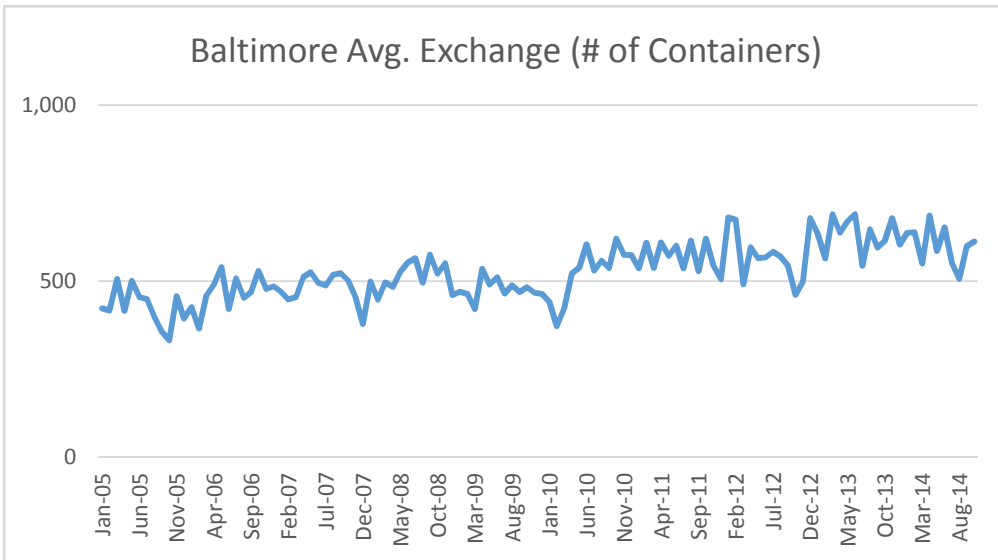


2005 Avg. 580      2014 Avg. 548      % Change -5.6%

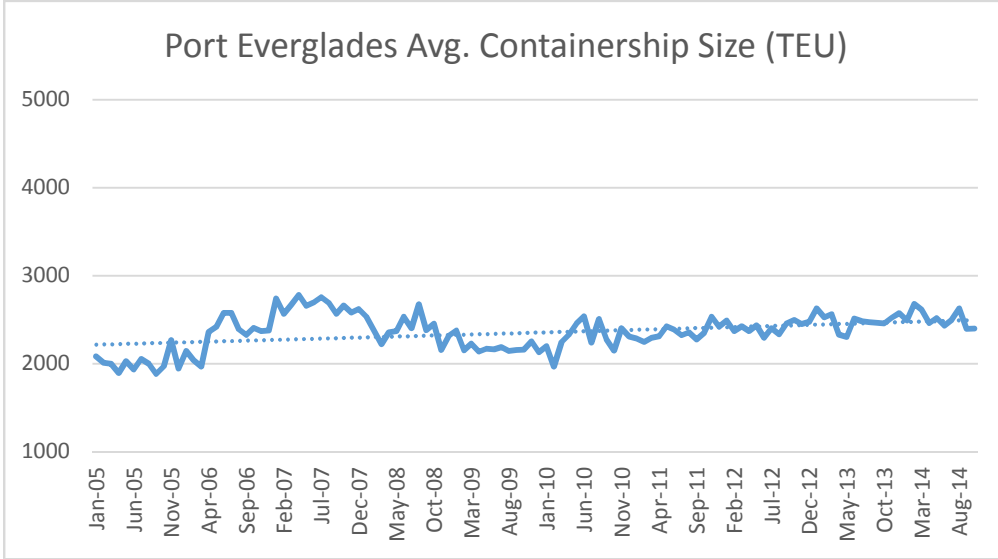




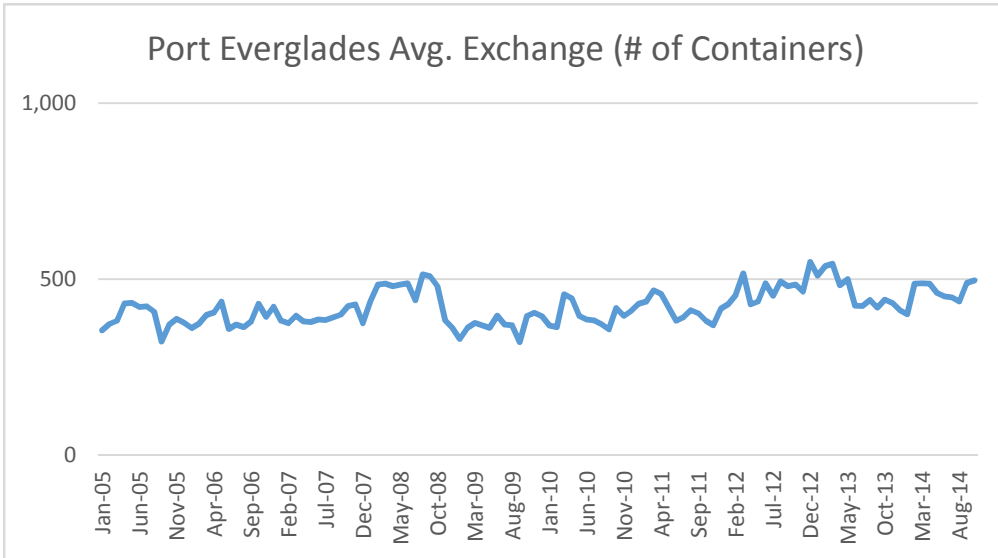
2005 Avg. 3177      2014 Avg. 5596      % Change 76.1%



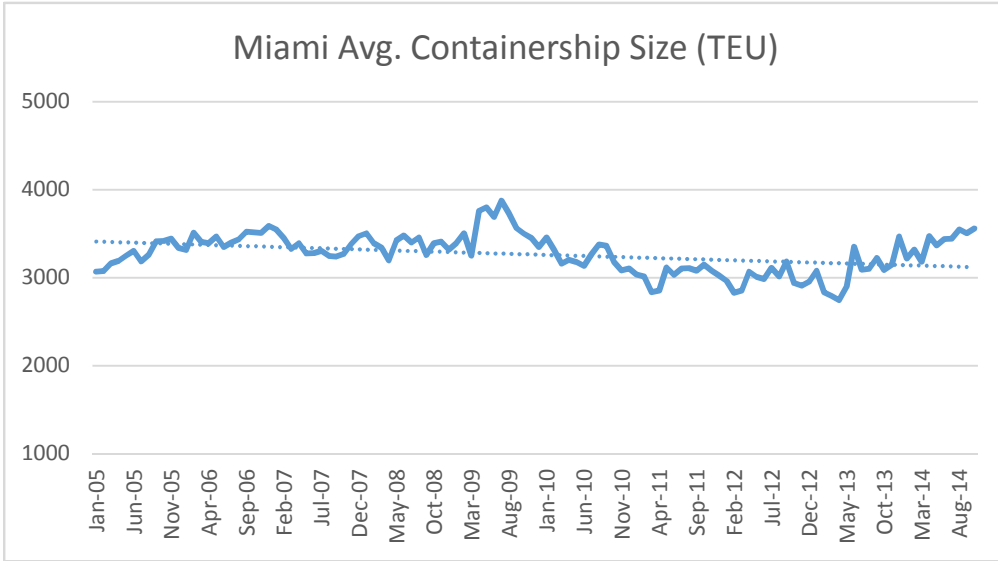
2005 Avg. 426      2014 Avg. 602      % Change 41.5%



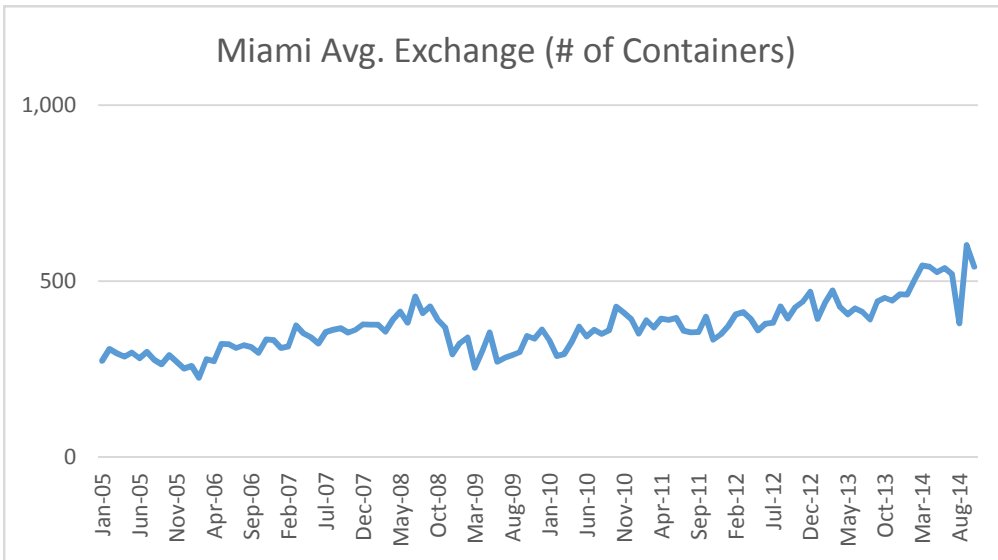
2005 Avg. 2007      2014 Avg. 2513      % Change 25.2%



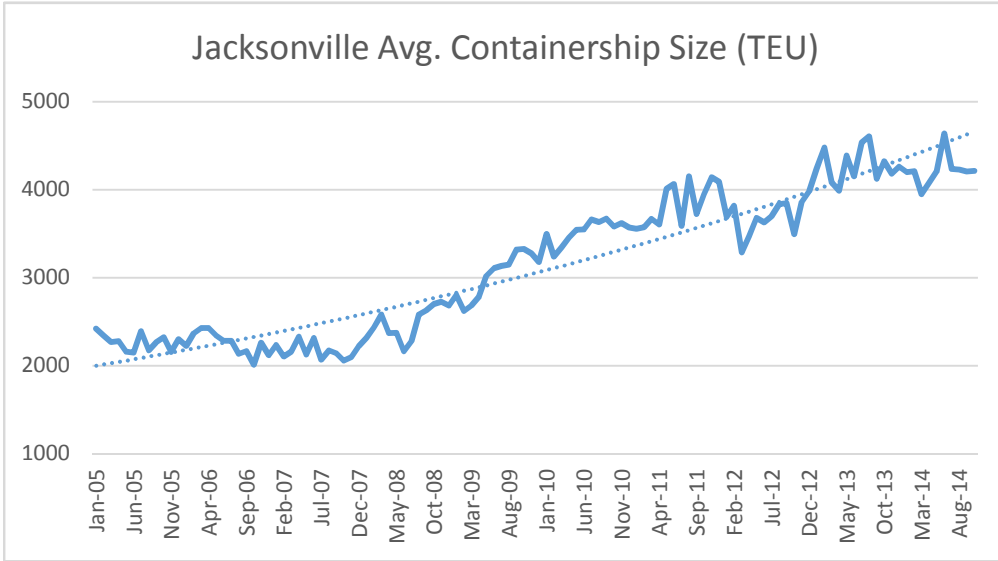
2005 Avg. 390      2014 Avg. 464      % Change 19.0%



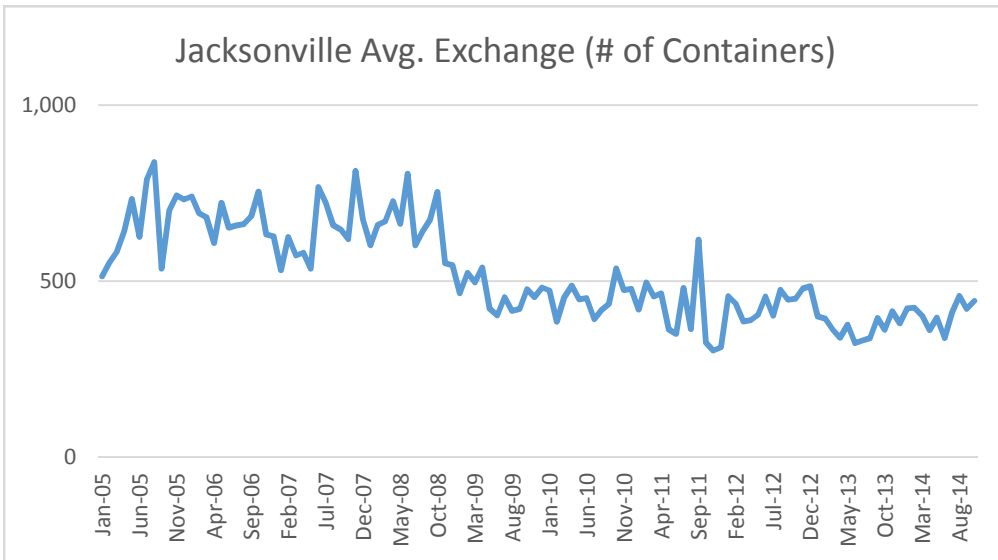
2005 Avg. 3261      2014 Avg. 3407      % Change 4.5%



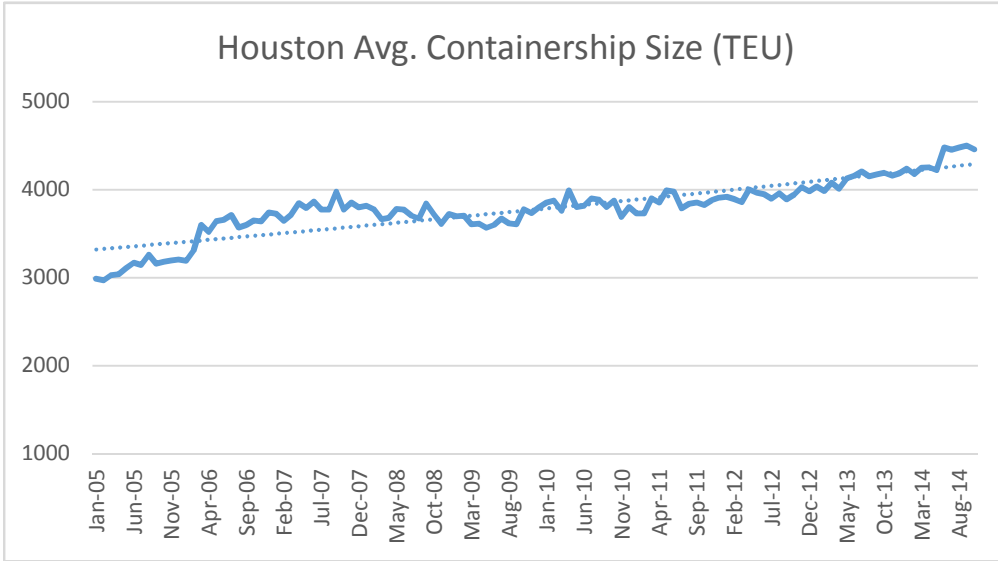
2005 Avg. 283      2014 Avg. 516      % Change 82.4%



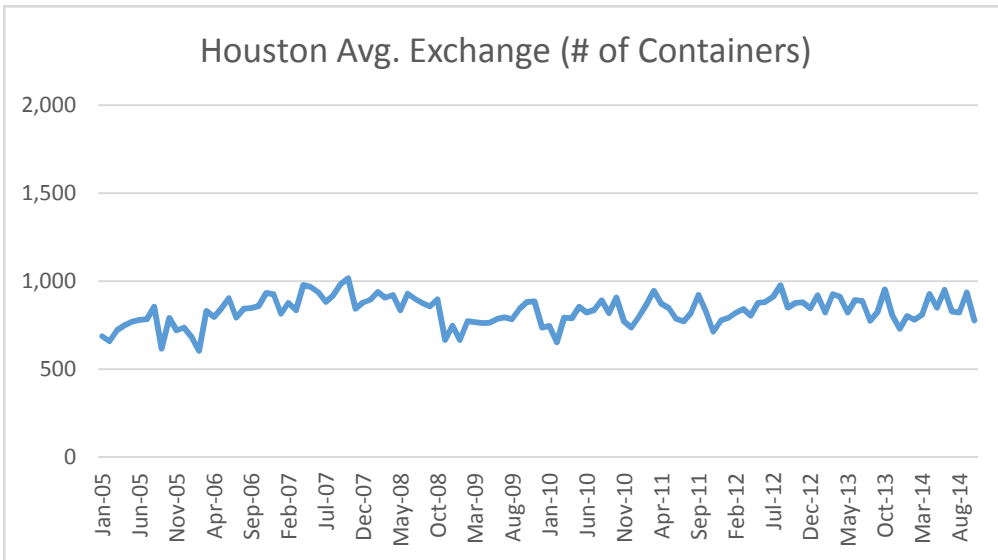
2005 Avg. 2270      2014 Avg. 4218      % Change 85.8%



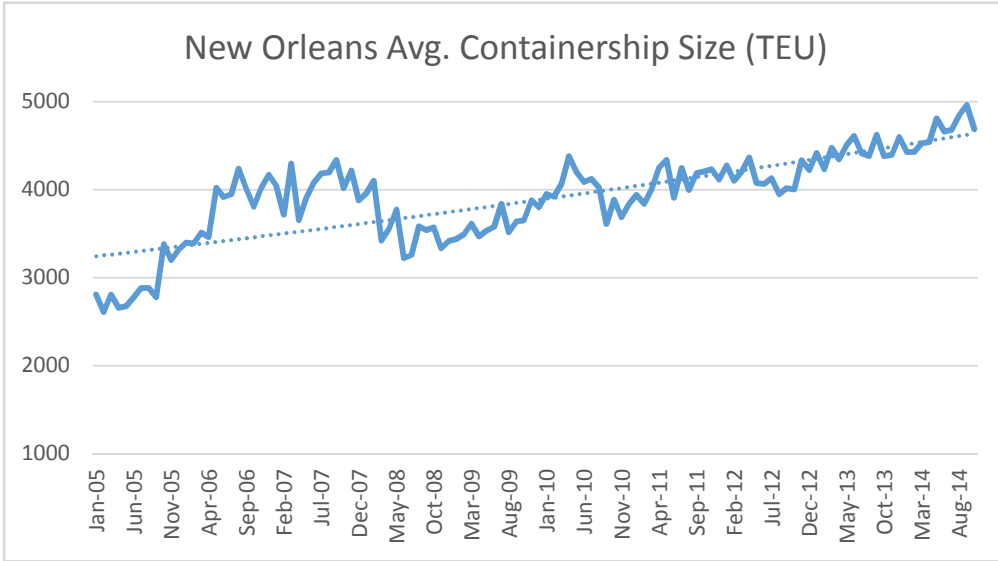
2005 Avg. 666      2014 Avg. 408      % Change -38.8%



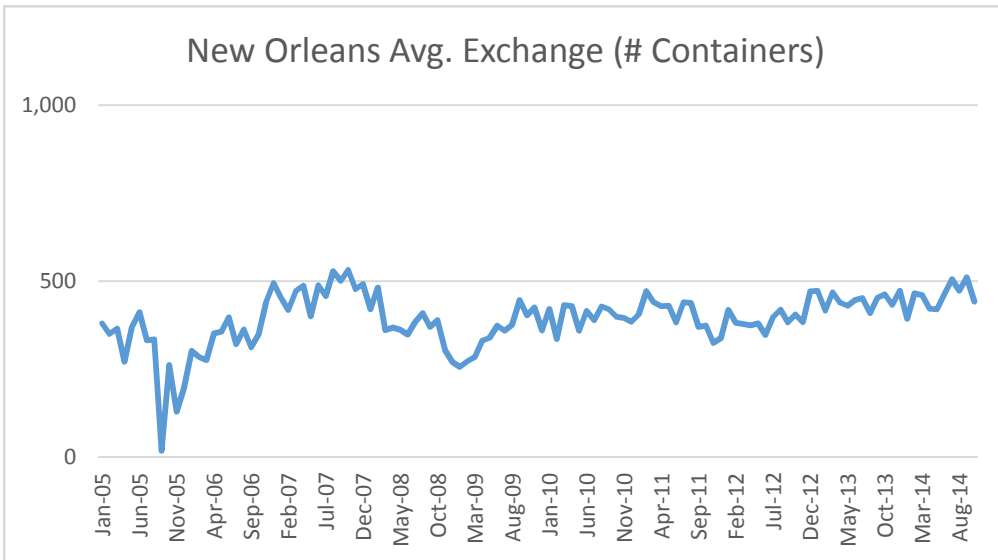
2005 Avg. 3122      2014 Avg. 4353      % Change 39.4%



2005 Avg. 739      2014 Avg. 848      % Change 14.8%



2005 Avg. 2900      2014 Avg. 4659      % Change 60.7%



2005 Avg. 285      2014 Avg. 456      % Change 59.9%

## APPENDIX D

### Glossary





## Glossary of Acronyms and Abbreviations

AAPA	American Association of Port Authorities
AAR	Association of American Railroads
AASHTO	American Association of State Highway and Transportation Officials
ATA	American Trucking Associations
BCO	beneficial cargo owner
CADRS	FMC's Office of Consumer Affairs & Dispute Resolution Services
CARB	California Air Resources Board
CBO	Congressional Budget Office
CBP	U.S. Customs and Border Protection
CCM	Consolidated Chassis Management
CPSC	U.S. Consumer Product Safety Commission
CTA	California Truckers' Association
DCLI	Direct ChassisLink, Inc.
DCLP	Direct ChassisLink Pool
DOT	Department of Transportation
DVIR	driver vehicle inspection reports
FACA	Federal Advisory Committee Act
FDA	Food and Drug Administration
FEU	forty-foot equivalent unit
FHWA	Federal Highway Administration
FMCSA	Federal Motor Carrier Safety Administration
FRATIS	Freight Advanced Traveler Information Systems
GACP	Grand Alliance Chassis Pool
GDP	gross domestic product
GPA	Georgia Ports Authority
GPS	Global Positioning System

HOS	hours of service
HTA	Harbor Trucking Association
HMTF	Harbor Maintenance Trust Fund
IC	Maryland Motor Truck Intermodal Council, Maryland Port Authority
ICTF	intermodal container transfer facility
IEP	intermodal equipment provider
ILA	International Longshoremen's Association
ILWU	International Longshore and Warehouse Union
IMCC	Intermodal Carrier Committee
IOO	independent owner operator
IPI	inland point intermodal
JPA	Joint Powers Authority
LABP	Los Angeles Basin Pool
LMC	licensed motor carrier
M&R	maintenance and repair
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century
MARAD	U.S. Maritime Administration
METRIS	Metropolitan Transportation Information System
MPA	Maryland Port Authority
MTO	marine terminal operator
NACPC	North American Chassis Pool Cooperative
NCFRP	National Cooperative Freight Research Program
NIT	Norfolk International Terminal
OCEMA	Ocean Carrier Equipment Management Association
OECD	Organisation for Economic Co-operation and Development
P3s	public-private partnerships
PMA	Pacific Maritime Association
PMV	Port Metro Vancouver

PONYNJ	Port of New York/New Jersey
PPP	public-private partnerships
QCHAT	Quality Cargo Handling Action Team, Maryland Port Authority
RFID	radio-frequency identification
SACP	South Atlantic Chassis Pool
SPB	San Pedro Bay
STB	Surface Transportation Board
TEU	twenty-foot equivalent unit
THC	terminal handling charge
TIGER	Transportation Investment Generating Economic Recovery
TMF	traffic mitigation fee
TRB	Transportation Research Board
TTIP	Transatlantic Trade and Investment Partnership
TTP	Trans-Pacific Partnership
TTSI	Total Transportation Services, Inc.
TWIC	Transportation Worker Identification Credential
UIIA	Uniform Intermodal Interchange and Facilities Access Agreement
UPC	Unitary Pool Concept
USACE	U.S. Army Corps of Engineers
USMX	U.S. Maritime Alliance, Ltd.
VACIS	Vehicle and Cargo Inspection System
VOCC	Vessel-Operating Common Carrier
WBCT	West Basin Container Terminal
WCCP	West Coast Chassis Pool
WCMTOA	West Coast Marine Terminal Operator Agreement
WTO	World Trade Organization