







22 DE SEPTIEMBRE DEL 2021

Situación actual del mercado de cross border

MIMLA César García

















TECHNOLOGY & CORE SERVICE OFFERINGS

GLOBAL TRANSPORTATION MANAGEMENT

- Global Transportation Management System (TMS)
- Managed Services
- Engineering and Consulting Services



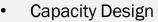


ADVANCED TECHNOLOGY PLATFORM

- Control Tower and Visibility
- TMS SaaS Planning, Optimization, and Execution
- Network Services (Dynamic continuous moves, LTL Pooling, Cross-dock, Dedicated Fleet, etc.)

STRATEGIC CAPACITY

 TL, LTL, Intermodal, and Specialized
 Freight Types



Cross-client
 Collaboration Services





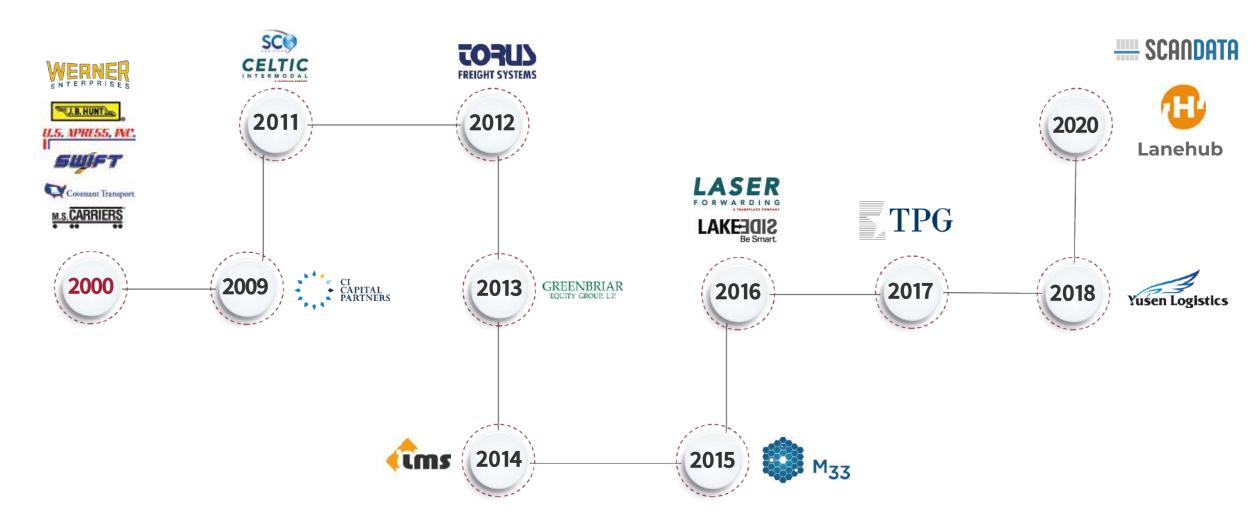
- Customs/Cross-border to, from, and within Mexico and Canada
- International Control Tower
- Global Trade Management
- Cross-docking/Transloading







HISTORY



CHALLENGES FACING SHIPPERS



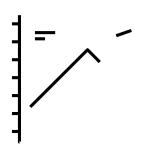
CHALLENGES FACING SHIPPERS



INCREASED CUSTOMER **DEMANDS**



INABILITY TO FORECAST



MARKET ISSUES AND VOLATILITY



GLOBAL SUPPLY CHAIN COMPLEXITY



COST PRESSURES



ACCESS TO LATEST TECHNOLOGY & TALENT



Shipper Market vs Carrier Market

El embarcador de tu selección



Creciente y estricta regulación NOM 012, 068, 087

Ecología, Higiene y Seguridad Seguridad, Seguridad, Actos de Dios, Pandemias

Puertos: Logísticas asiáticas Llegaron de golpe los atrasos Flete 2019: usd\$1800 - \$2200

Flete COVID 2021: usd\$12000 - \$15000

Falta de componentes

Logisticas T MEC
1 Impo vs 5-7 Expos
Falta de equipo
Automotriz y Consumo
acaparan equipo
Intermodalismo
Ferrocarril (Co Loading)

9 8 2 6

Sureste de México
Tarifas altas por pago de redondos o al menos
costos de regreso
NO hay regresos
Problema muy notorio en el sur pero es un

Problema muy notorio en el sur pero es un tema generalizado en México. Equipo de alta capacidad: Fulles
Equipo de baja capacidad: Ultima milla.
E Commerce
Intermodal doméstico

Incremento de falta de operadores CANACAR – 80,000 COVID: Salud en operadores Diabetes, Hipertensión, Edad

Estructura de Costos Negociaciones con industria a libro abierto Checa tu Costo



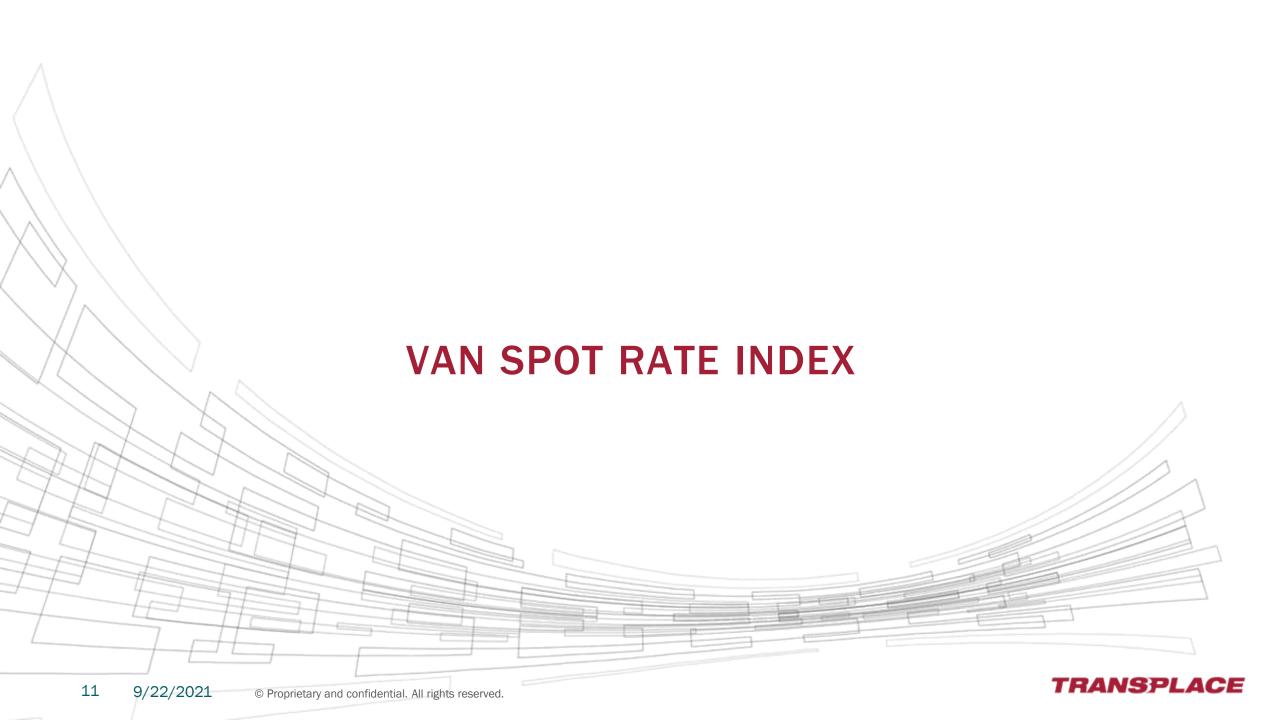


INTRODUCTION

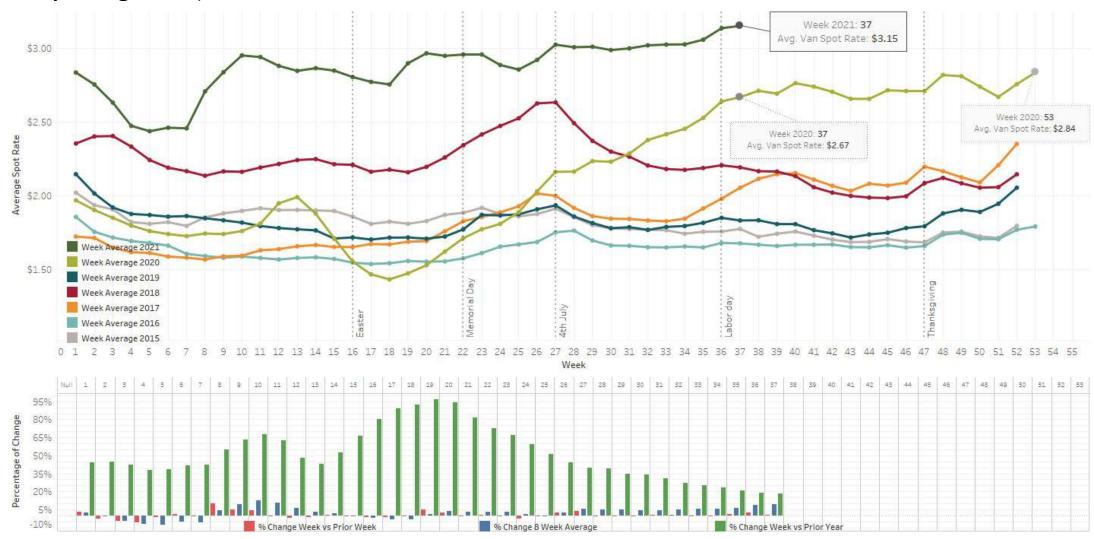
- The index is for dry van, flatbed and reefer loads in the spot and contract market.
- The index is the compounded van average linehaul rates of all the spot lanes for the given week.
- 200+ dry van lanes are monitored and 400+ flatbed lanes. Each lane has an equal weight in the compounded average regardless of its volume for both spot and contract rates.
- The presentation shows the van spot and contract rates index for week 37 of 2021, starting from 09/06/2020.
- The top lanes by percentage of change include only those with more than 70 shipments in the week.

WEEK 37 OBSERVATIONS

- In week 37 of 2021 the overall average van spot rates increased \$0.02 compared to previous week average rates.
- Spot rates were mixed across regions; Northeast, West and Midwest saw increases \$0.13, \$0.05 and \$0.04 respectively, Southwest and Southeast regions saw small decreases of \$0.03 each compared to previous week average spot rates.
- DAT Trendlines show that Dry van spot rates reach new heights; Dry van national average rates broke through the \$2.50/mile barrier for the first time.
- Morgan Stanley slides are updated every two weeks, this report contains updated slides.
- Cass report slides contains August's index.

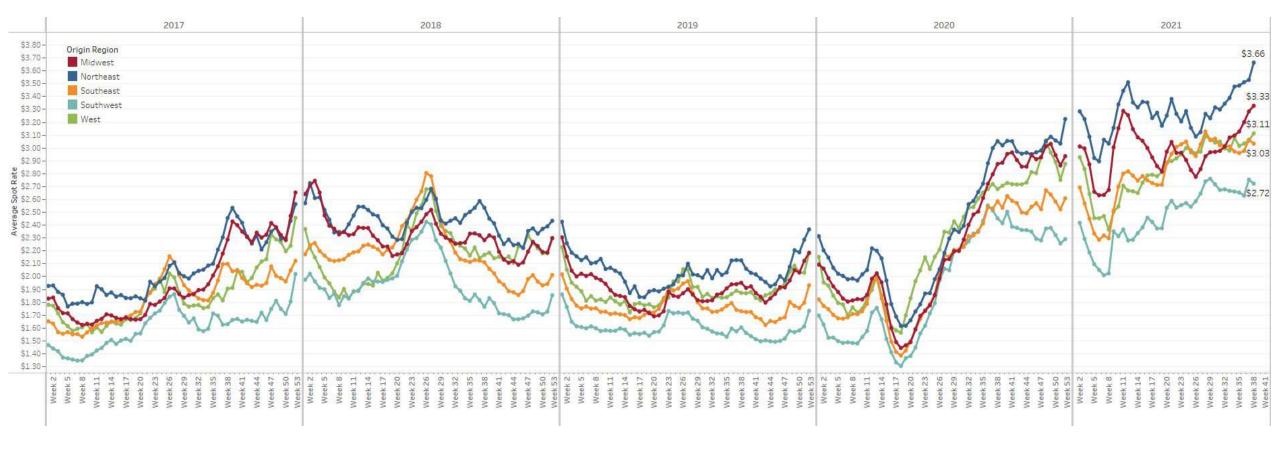


Weekly Average Van Spot Rate



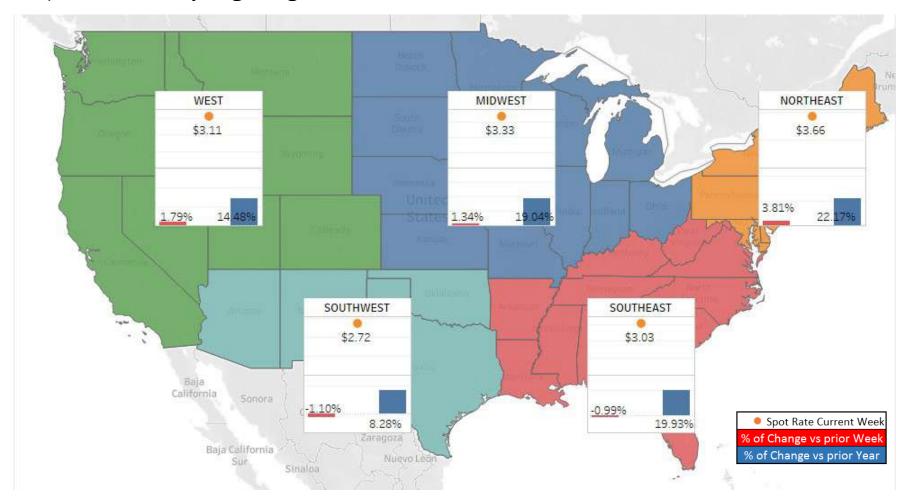
TRANSPLACE 2017-2021

Weekly Average Van Spot Rate by Region

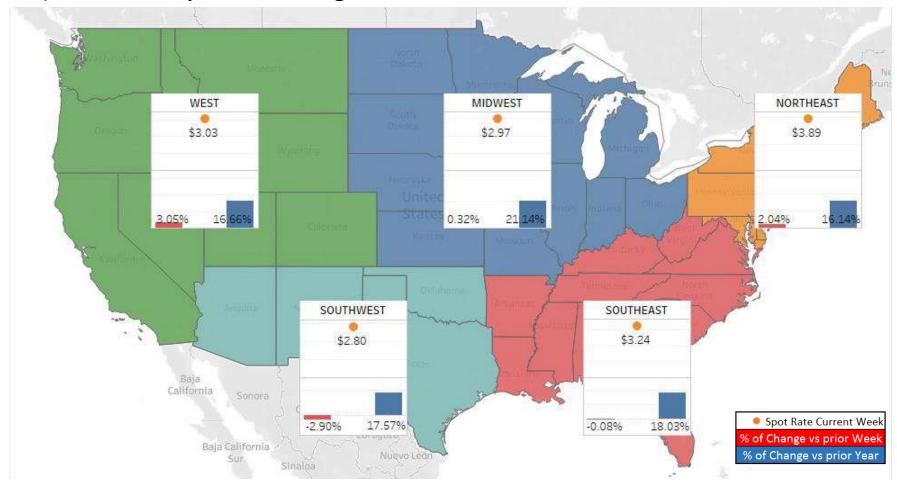




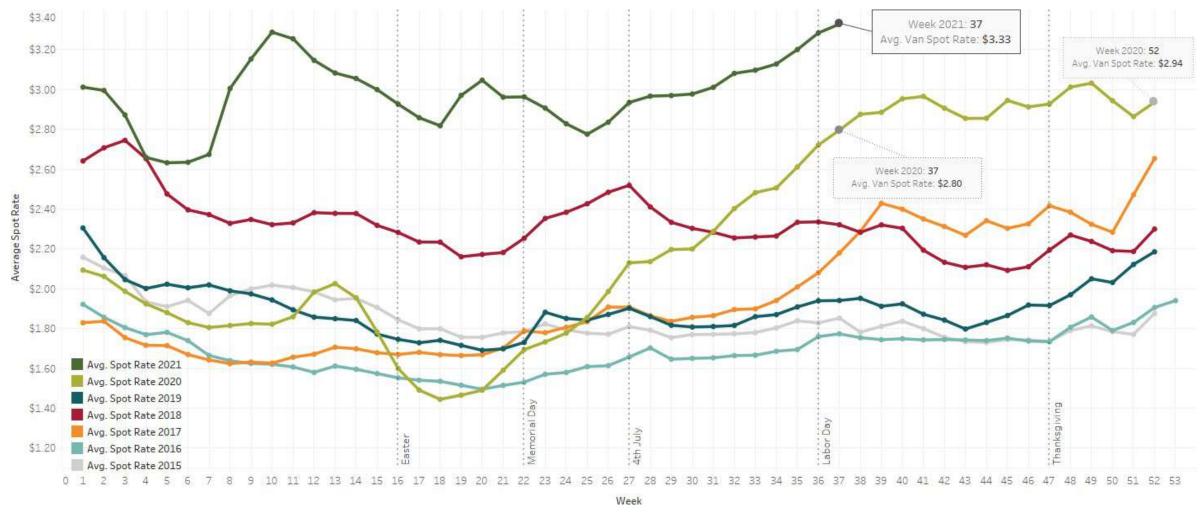
Average Van Spot Rate Index by Origin Regions – Week 37

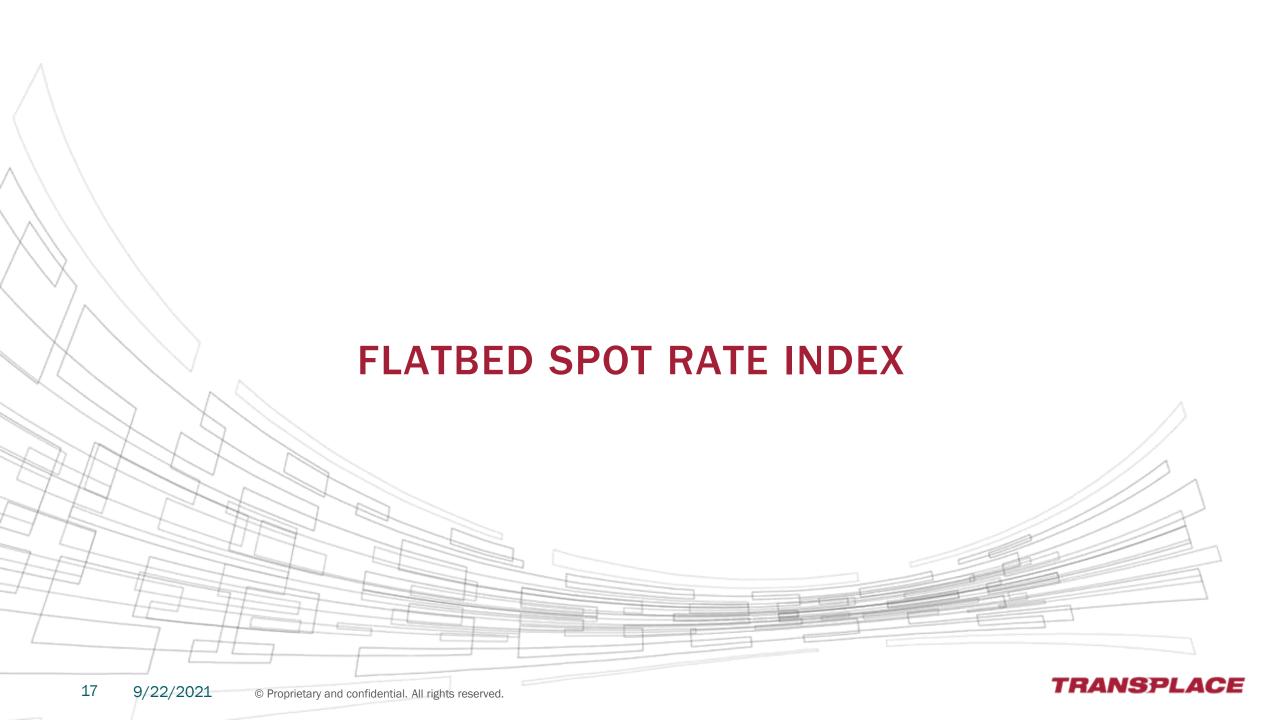


Average Van Spot Rate Index by Destination Regions – Week 37

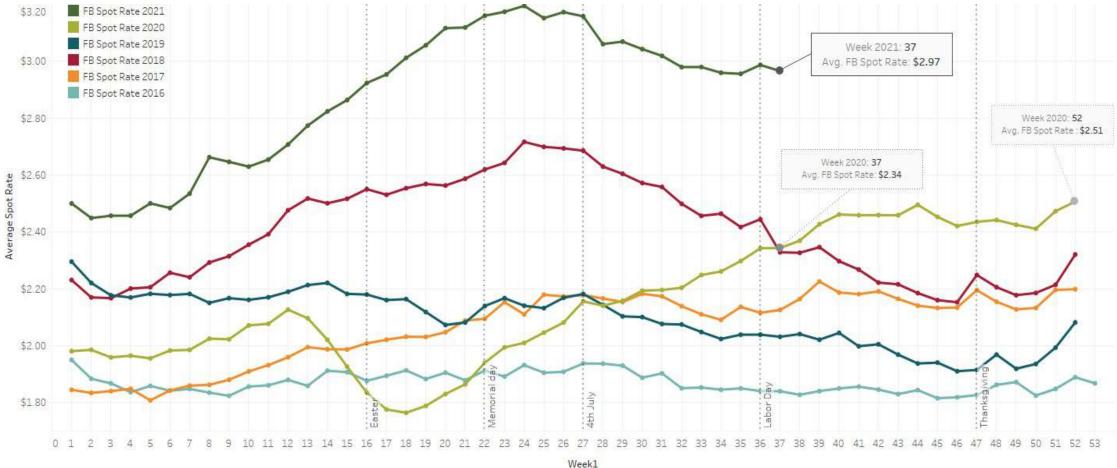


Midwest Region Weekly Average Van Spot Rate



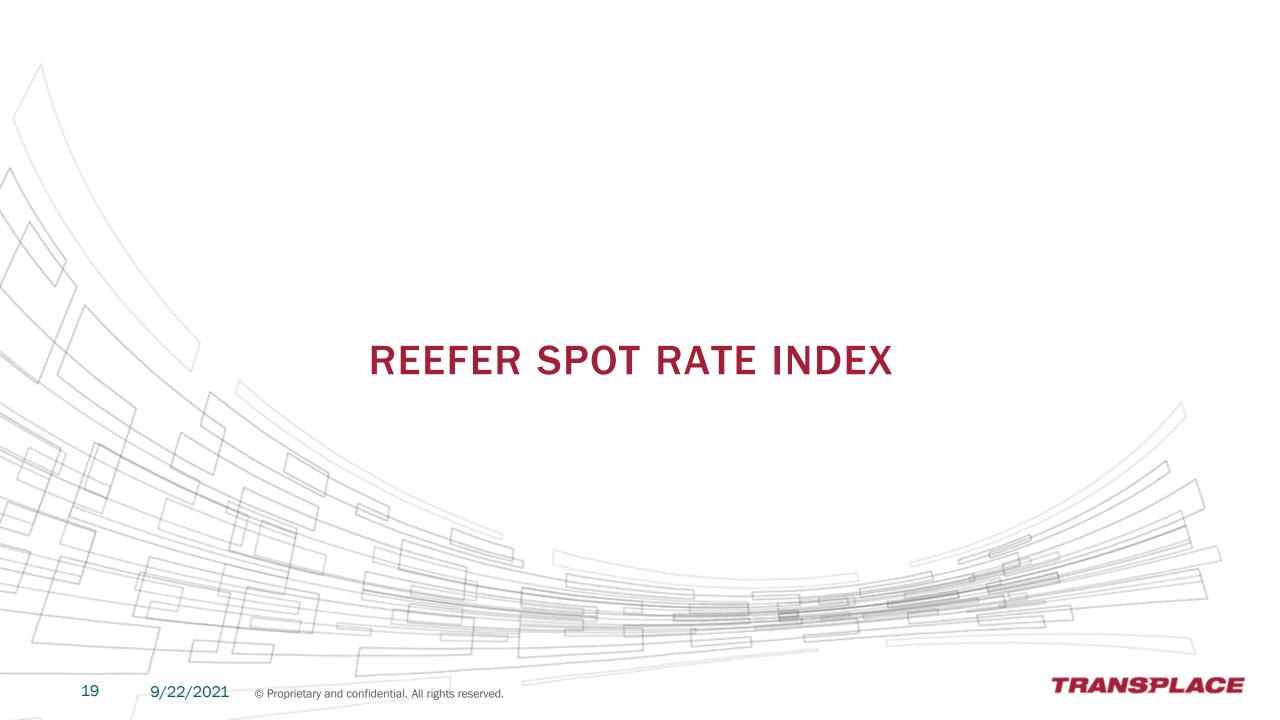


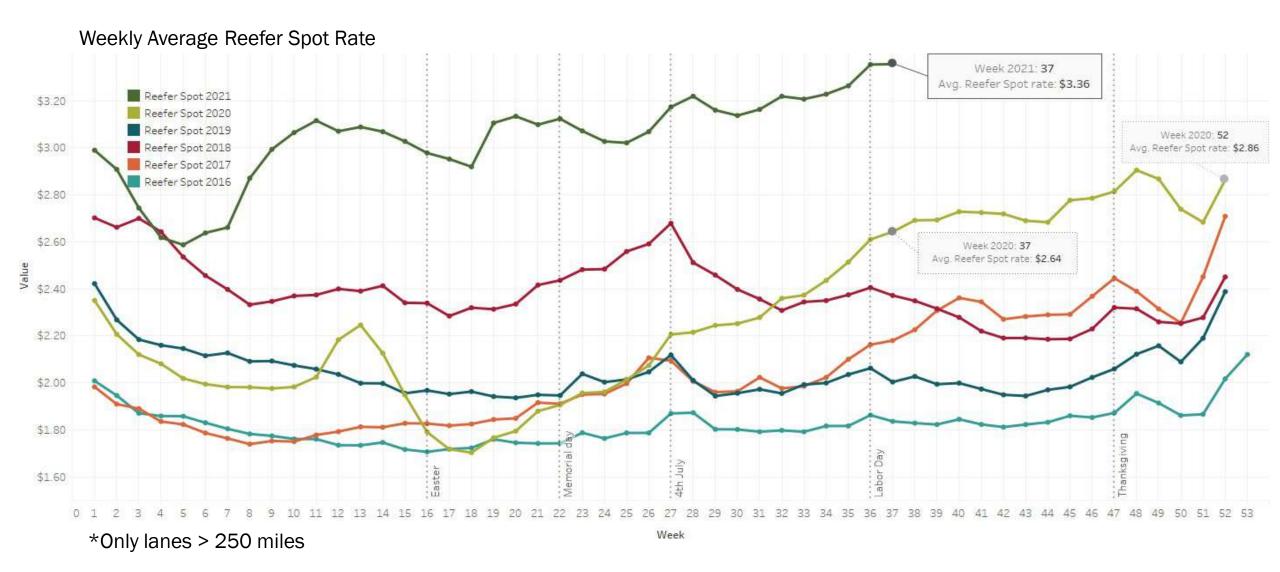
Weekly Average Flatbed Spot Rate

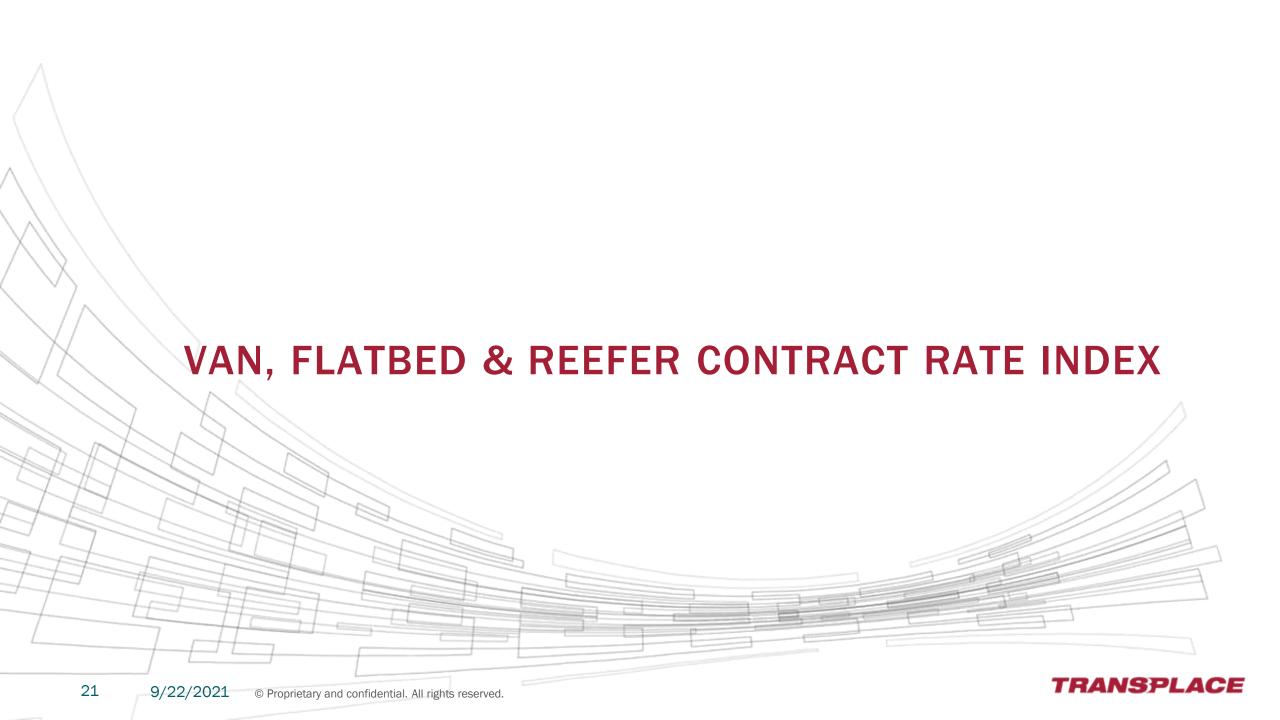


*Only lanes > 250 miles

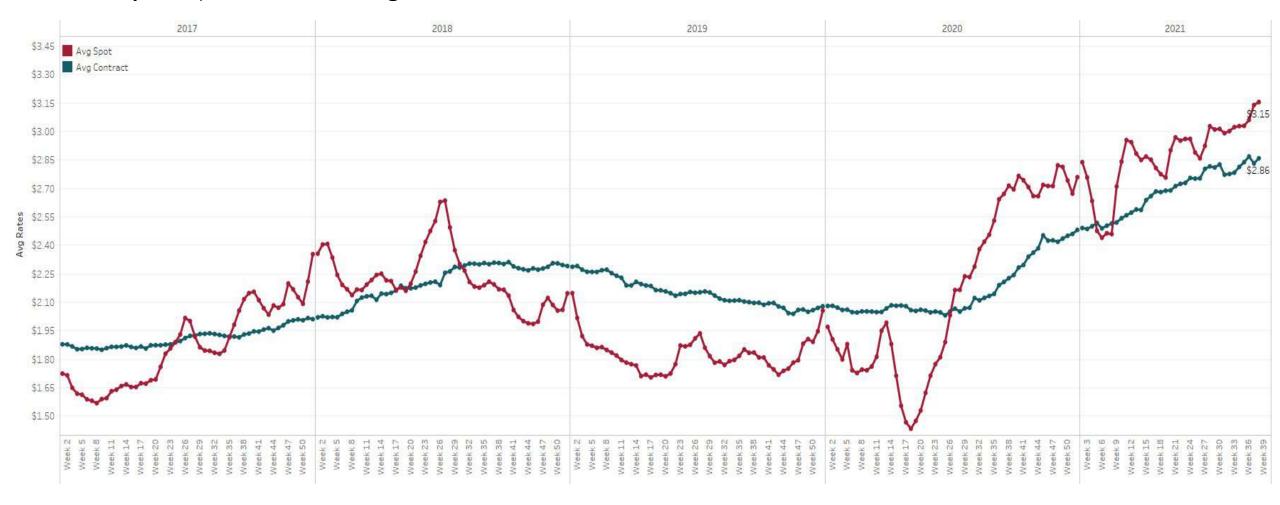




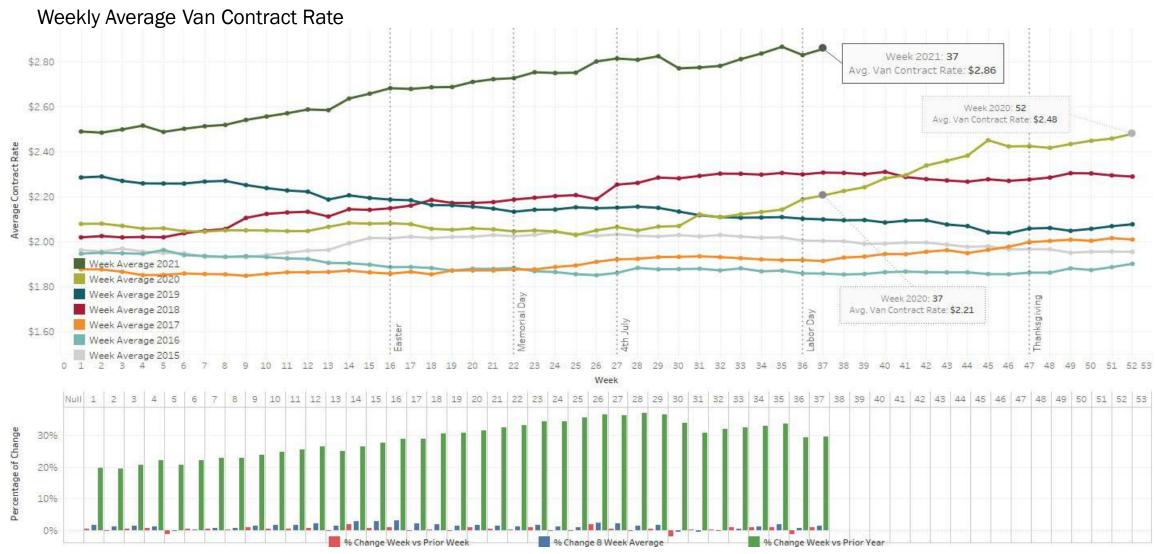




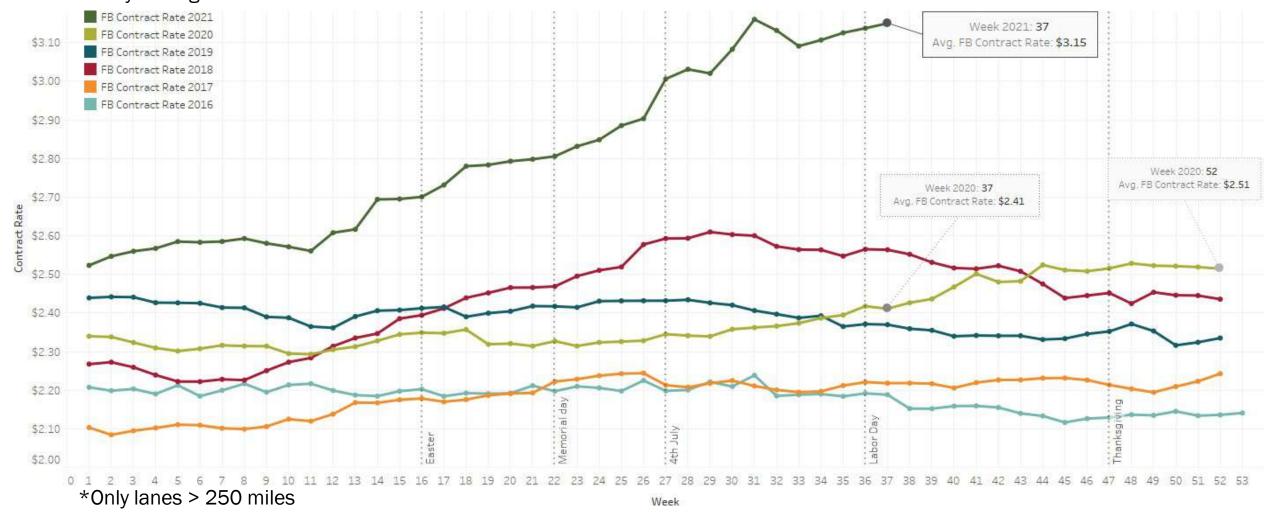
Weekly Van Spot vs Contract Average Rates

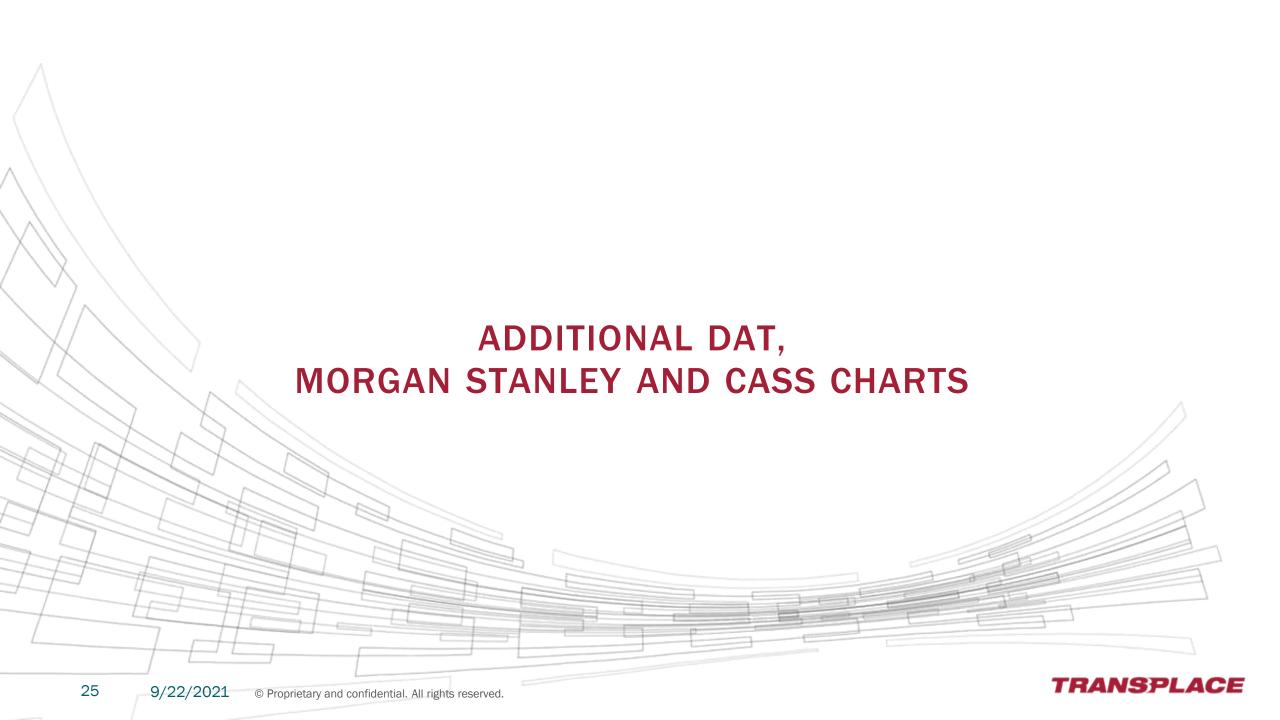






Weekly Average Flatbed Contract Rate



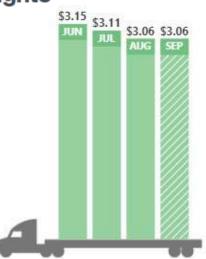


DAT TRENDLINES

National Spot Rates: Van, Flatbed, Reefer

Dry van spot rates reach new heights





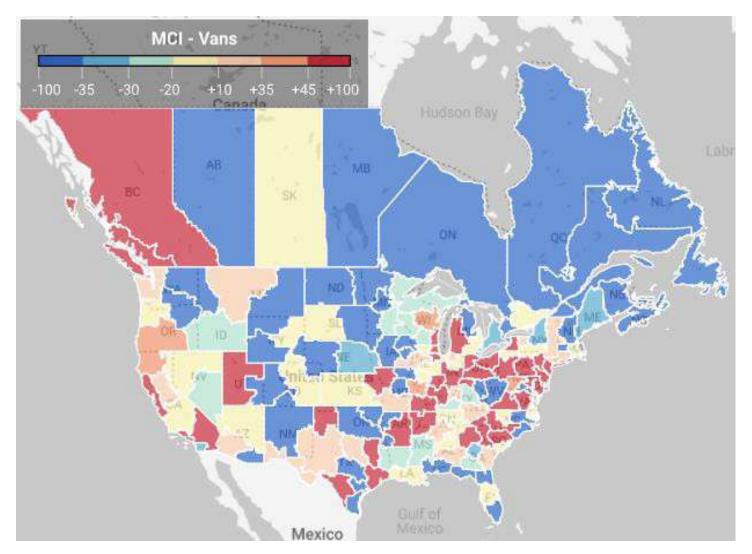


National Spot Rates: Van, Flatbed, Reefer

- Dry van national average rates broke through the \$2.50/mile barrier for the first time
- It was only 16 months ago truckers were in Washington D.C protesting unsustainable freight rates, with the national average around \$1.00/mile at the time. Since then, we've witnessed an historic jump in both freight rates and spot market volumes, resulting in record numbers of new carriers entering the industry.

VAN HEAT MAP

Last 7 Business Days

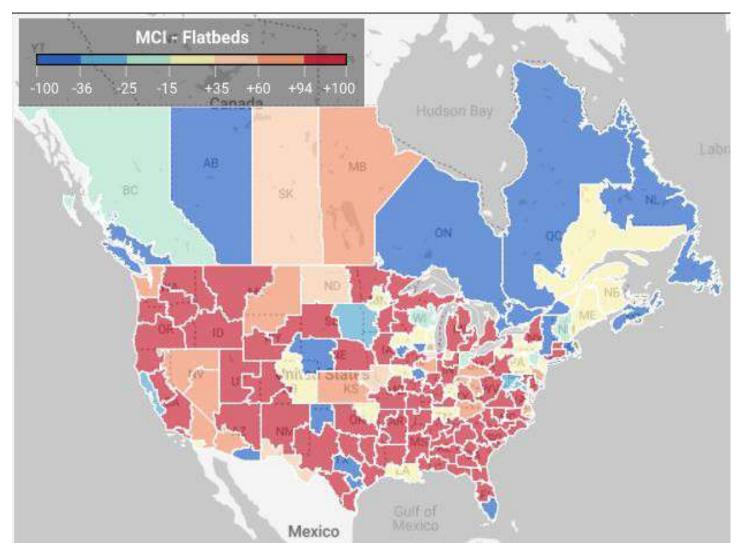


Dry van load-to-truck ratio heat maps, the darker the color, the tighter the capacity.

Source: DAT L/T - Previous 7 days: Sep 6th 2021 to Sep 12th 2021 - https://marketmaps.dat.com/default

FLATBED HEAT MAP

Last 7 Business Days

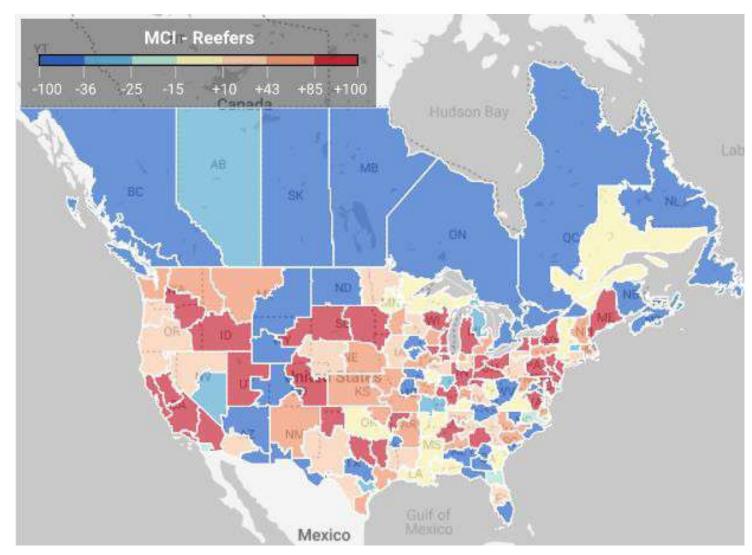


Flatbed load-to-truck ratio heat maps, the darker the color, the tighter the capacity.

Source: DAT L/T - Previous 7 days: Sep 6th 2021 to Sep 12th 2021 - https://marketmaps.dat.com/default

REEFER HEAT MAP

Last 7 Business Days



Reefer load-to-truck ratio heat maps, the darker the color, the tighter the capacity.

Source: DAT L/T - Previous 7 days: Sep 6th 2021 to Sep 12th 2021 - https://marketmaps.dat.com/default

PLATAFORMAS DE TECNOLOGIA



REAL-TIME NOTIFICATION



SHIPMENT LEVEL MAPS



PUBLIC TRACKING PORTAL







SERVICE RISK PREDICTION





PROACTIVE SHIPMENT VISIBILITY



ENHANCE EXCEPTION MANAGEMENT

Prediccion/Riegzo del Servicio



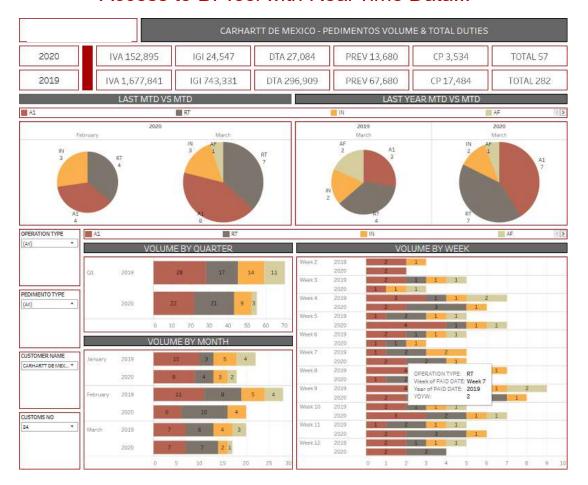
Ejecucion de Movimientos Continuous





PLATAFORMAS DE TECNOLOGIA

Access to BI Tool with Real Time Data!!!







TRANSPLACE

OPORTUNIDADES EN LAS REDES DE SUMINISTROS



Entendiendo al Cliente



Excelencia Operativa



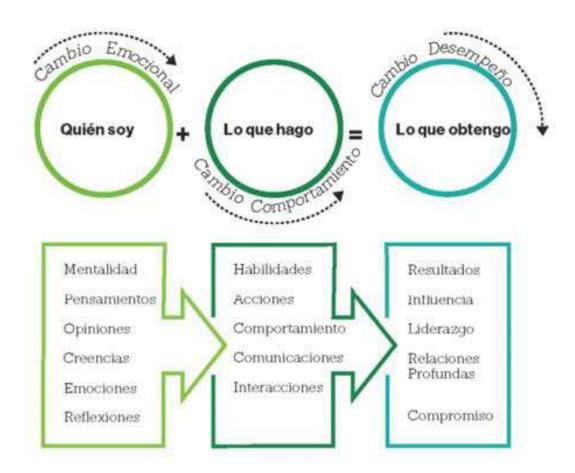
Cadenas de Suministro Integradas (Planeación).



Colaboración y total visibilidad - Predicitibilidad



MANTENLO HUMANO...



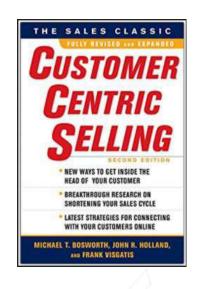


El Libro de Oro por

Dale Carnegie

¿QUÉ ES LA VENTA CENTRADA EN EL CLIENTE?

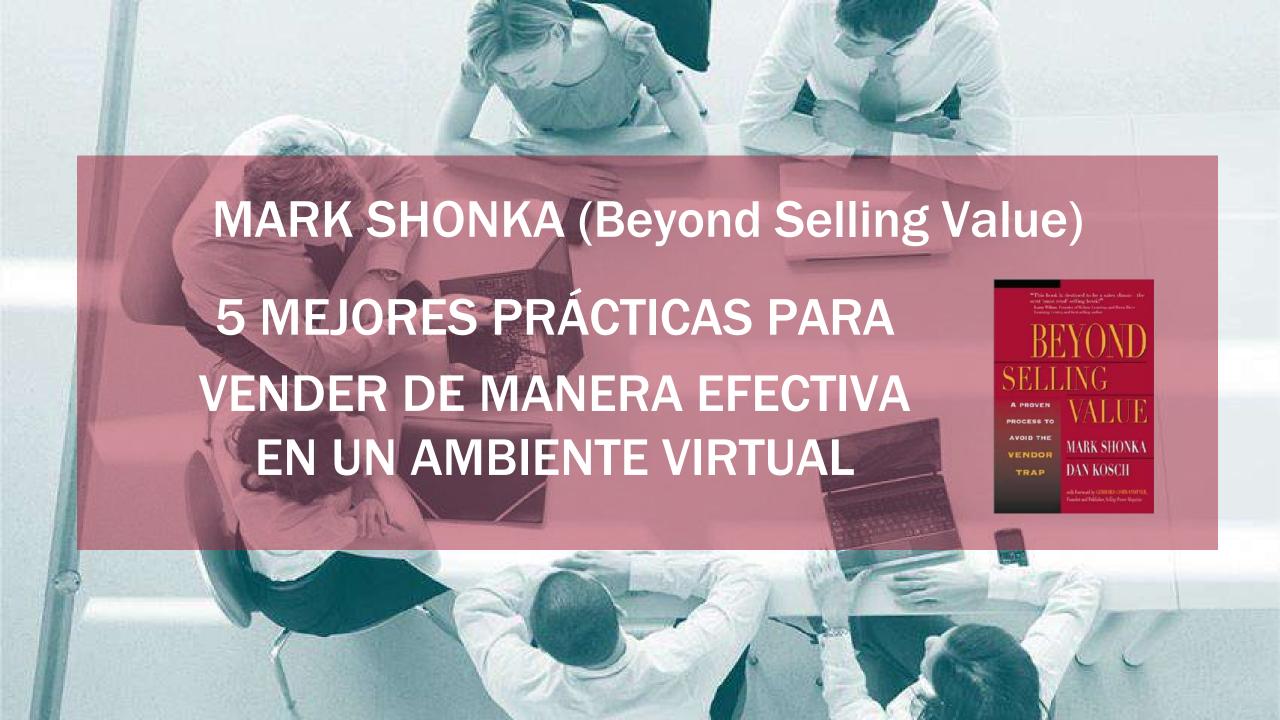




JOHN HOLLAND (CCS)

La venta centrada en el cliente eleva a su cliente y EMPATIZA con sus NECESIDADES en cada etapa del proceso de ventas. Te ADAPTAS a las circunstancias específicas del cliente fomentando un DIALOGO bidireccional, AJUSTANDOTE a su línea de tiempo y sirviendo como su mejor aliado para RESOLVER problemas.





JEB BLUNT (Virtual Selling)

Parte I. Fundamentos ... y así todo cambio.

Parte II. Disciplina Emocional.

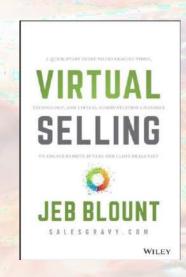
Parte III. Citas de Ventas Virtuales.

Parte IV. El Teléfono.

Parte V. Texto, email, Mensajes Directos y Chat.

Parte VI. Social Media.

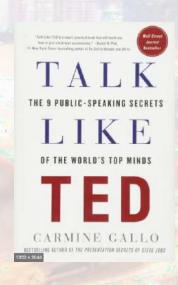
Parte VII. Ventas Virtuales son Ventas.



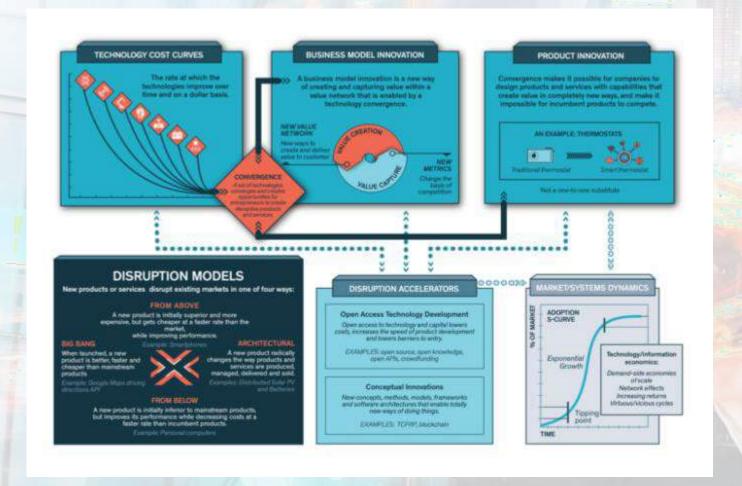


Carmine Gallo (Talk like Ted)

- 1. Las ideas son como "moneda".
- 2. La Pasión es contagiosa.
- 3. Cuenta una historia.
- 4. Crea una experiencia Multisensorial.
- 5. Prepara, practica y Conversa.
- 6. Enseña a tu audiencia algo nuevo.
- 7. Genera momentos con Carga emocional.
- 8. Entrega una presentación dinámica.



Tony Seba (Clean Disruption)





















OPORTUNIDADES EN LAS REDES DE SUMINISTROS



Transformación del conocimiento.



Nuevo ecosistema de trabajadores y relaciones.



Consciencia real de la salud.



Verdadera omni-canalidad.



Transformación en las redes de abastecimiento.



Mitigación de desastres vía ecosistemas.



TENDENCIAS EMPRESARIALES - SUSTENTABILIDAD

Service Type



Description



Value Proposition



- CO2 transparency and visibility within supply chain triggers CO₂ reduction initiatives
- Carbon calculation along transparent, public standards gives confidence in figures (verified and certified by SGS)



 Web-based tool that maps CO₂ throughout the full supply chain

• Calculates the transport related CO2 and

• The report is a static table showing the CO₂

creates a customer individual report

emissions per trade lane

- Provides CO₂ efficiency KPIs as well as carbon footprint (absolute CO₂ emissions)
- Shipment level reporting possible

- · Same as above +
- Web-based reporting platform allowing to slice data to customer's needs
- KPI section provides information on how to make supply chain more efficient



- Neutralization of CO₂ emissions based on the emission figures as stated by the "Carbon Report" or the "Carbon D'board"
- The service includes:
 - Issuance of annual certificate for public use
- Annual certification by third party SGS

- Certified offsetting with high quality carbon credits (from reliable providers)
- Customer can focus on core business while we are taking care of:
 - Purchasing & Managing
 - Certifying credits

CO₂ Emissions per Transport Mode:



Direct Emission Factors:

1 liter Kerosene:	~3.15 kg CO ₂
1 liter Diesel:	~2.75 kg CO ₂
1 kwh Electricity:	~0.51 kg CO ₂
1 liter HFO:	~2.98 kg CO ₂



TRANSPLACE

INTERMODAL CROSSBORDER SERVICES:

INTERMODAL CONTRIBUTES TO A CLEANER ENVIRONMENT

Intermodal contributes to meet your sustainability programs

- Savings IM Fuel surcharge is 45% lower than Trucks
- Fuel efficiency 3 Times more efficient than Trucks
- Lower emissions Regular truck generates 3X more nitrogen oxides than a locomotive
- Less Highway congestion Single IM train takes 300 trucks off the highway in a move

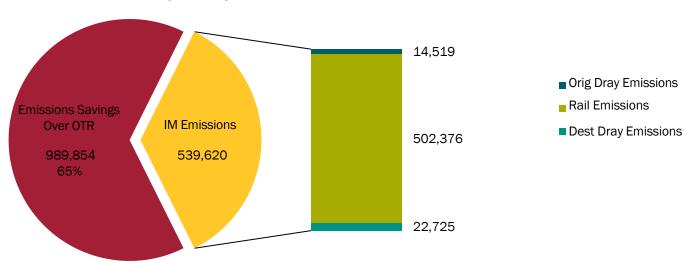


By using Intermodal you are taking tons of CO2 and trucks off the environment in benefit of your family and the community



TOTAL IM CO2 EMISSIONS BREAKDOWN





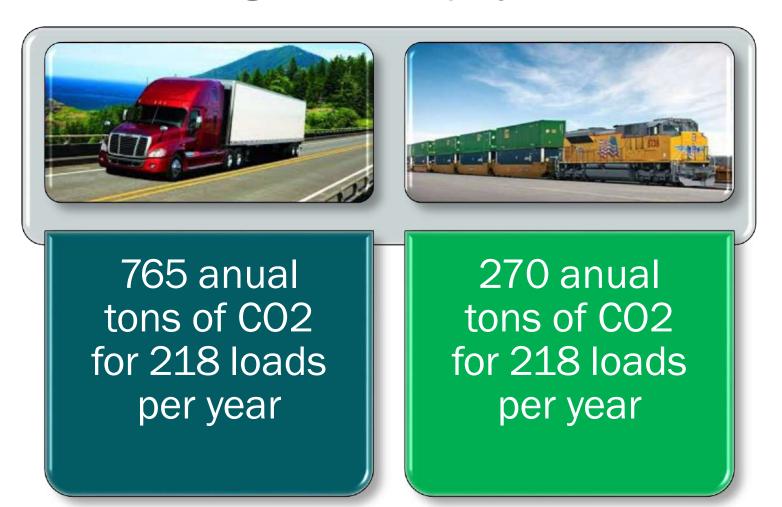
This shows the total number of CO2 emission pounds and the savings generated vs Truck (65%)

The Intermodal emissions number (considering **218 loads per year**) is broken down by the three legs of the IM Service (origin & destination drays, and rail move).



CARBON FOOTPRINT SUMMARY

CO2 savings = 495 tons per year



TENDENCIAS EMPRESARIALES - SUSTENTABILIDAD

- 1. Logistics counts it is not a commodity. Logistics is not only a chief catalyst of global trade and a defining component behind value creation it is also a business of strategic importance in the move towards a low-carbon economy.
- 2. Technological change will be achieved through a concerted drive from companies, governments and financial institutions.
- 3. Collaboration will increasingly be seen as an enabler to attain sustainability; even erstwhile competitors will cooperate more closely.
- 4. Business models of logistics companies will change as sustainable innovations open up new opportunities.
- 5. CO2 labeling will become standardized. CO2 labels allow customers to compare green products. Transparency will raise confidence among logistics customers and end consumers when making climate-friendly choices.
- **6. Carbon emissions** will have a price tag. As reducing carbon emissions becomes more important for companies, governments and customers, it will become part of a business' accounting and decision-making process. This will increase the demand for a price to be attached to CO2 emissions.
- 7. Carbon pricing will lead to more stringent regulatory measures. Companies will only accept a price tag on carbon emissions if governments ensure a level playing field.



"when you purchase transportation capacity, you are buying weight and cube......

.....if your transportation operation is significantly "constrained" by either factor, there may be value in considering collaborative transportation alternatives."





INFLUENCE OF "CONSTRAINTS"

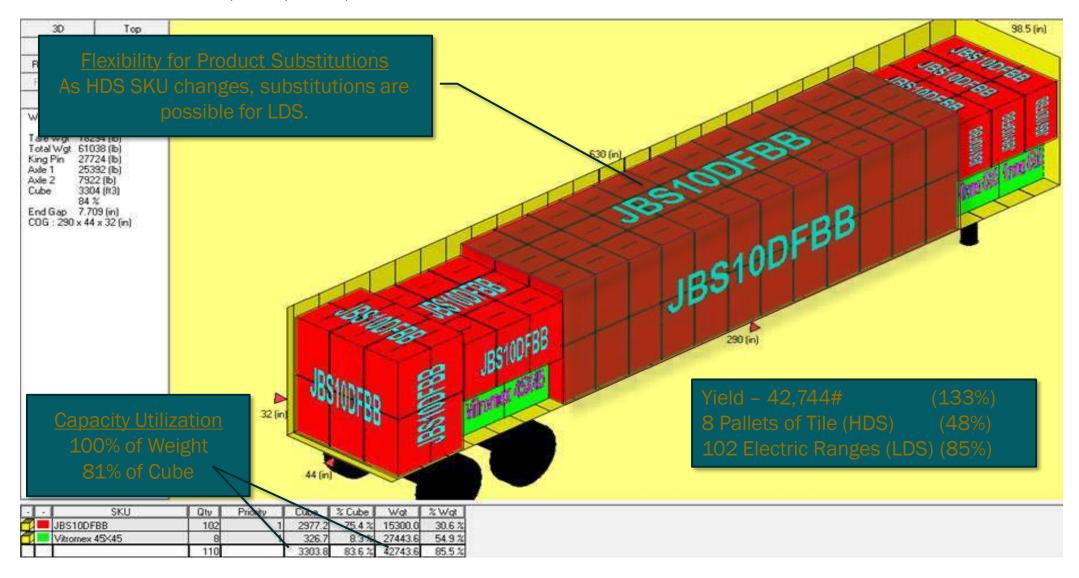
- ► Freight characteristics of specific products can create paradigms in regards to how we interpret the utilization of transportation capacity
- ► If your tendency is to view transportation capacity as strictly cube or weight, you may be a victim of "constraint based" logic
- ► By viewing the "constraint" as an "opportunity", we can determine if there is significant merit to implementing a collaborative transportation solution
- ► With adequate product density differentials, lane similarities, and loading characteristics, collaborative solutions have been proven to reduce the landed cost per unit shipped by 15%-30%





COLLABORATIVE EXAMPLES

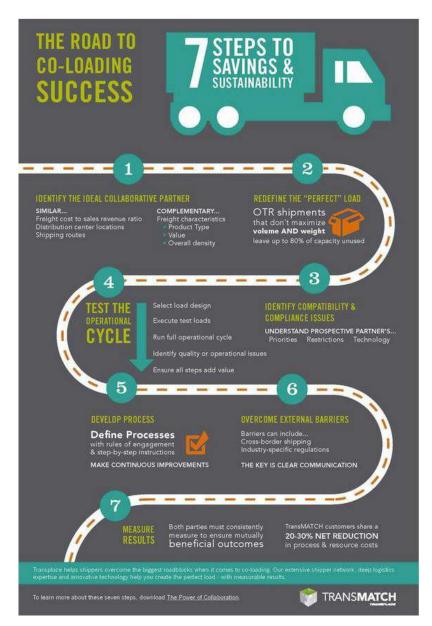
SIMULATION TOOLS (OTR/IML)



MITIGATING TRANSPORTATION CONSTRAINTS COLLABORATIVE BENEFITS

- ► Soft Benefits Environmental & Quality of Life
 - Carbon footprint reduced fuel usage, modal improvements
 - Impact on public infrastructure
 - Reduced highway congestion, frequency of accidents
- Hard Benefits Economics
 - Capacity availability
 - Reduced shipping delays, higher customer satisfaction
 - Reduced logistics \$/unit 15%-
 - 30% Improved financial performance
 - Additional market share

KEYS TO COLLABORATIVE SUCCESS



- Change Focus Constraint to Opportunity
- Recognize the Value of a Facilitator/SME
- Respect the "Recipe" for Results
- Design & Implement Solutions
- Create "Attractive" Benefits Sharing Process
- ▶ Dedication to Execution Solve Challenges















SHIPPER OF CHOICE

PROGRA OVERVEW

H-sto-ry



Carrier Advisory Board Discussions



Preferred Sh.pper Of Choice Stan rds Li t

. Cal gor: Cr I d Seor card D v lop d

Action Pla







Catego ies





Preferred
Shi1 er
Of e oice





SAMPLE QUESTIONS

Category Standards			Ease of ementatio. <mark>▽</mark>		Impact	Se	f Rating	С	arrier Rating	Action Items
SHIPMENT PLANNING & EXECUTION	Transitional		2.0	ail	2.2	•	2.0		1.8	
Turn trailers within 24 hours	Deployed	 	3	4	1		2		1	
Offer balanced tendering throughout the week	Inactive		2	al	3		0		0	
Minimize loading & unloading times (live loads in < 2 hours max)	On Hold	 	1	4	1		1		2	
Provide forecasts, monitor actual volume, & communicate major volume shifts	Planning	 	3	ail	2		2		4	
Provide ample amount of tender lead time	Deployed		2	al	2		3		2	
Provide type of commodity with clear identification & requirements up front	Deployed	 	1	all	1		4		1	
Tender loads to maximize carrier / driver efficiency	Deployed	I	3	a	4		3		2	
Allow reasonable transit times based on compliance with government regulations	On Hold	 	1	d	2		1		3	
Bill of Ladings are prepared accurately and in advance of driver arrival	Deployed		3	d	2		3		4	
Train & educate	Planning		1	d	4		3		1	
Collaborate with a 3PL	Inactive		2	d	2	•	0		0	
FACILITIES	Transitional		1.9	ď	3.0	•	3.3		2.4	
Offer Drop & Hook capabilities	Planning		1	4	3		2		1	
Provide shipment status information & updates. Proactively communicate when load will be ready	Planning		2	d	3		3		1	
Provide 24-hour access to drop / pick-up loads, allow weekend drop / pick-up	Deployed		3	d	3		4		2	
Ensure staff shows respect & friendliness to drivers	Deployed		1		3		3		2	
Maintain a rapid check-in / check-out procedure	Planning		3	4	3		2		3	
Provide drivers lounge with amenities (vending, temp control, access to WiFi, clean male/female restrooms)	Deployed		2	d	3		4		4	
Provide safe & secure parking for breaks, staging lanes for load / unload, allow overnight parking	On Hold		2	all	3		4		1	
Display clear and visible signage communicating where driver should go within facility	Deployed	▶	1		3		4		4	
Provide yard jockey service to stage trailers, eliminate congestion & help identify maintenance concerns	Deployed		2	4	3		4		4	
SHIPPER PROFILE			1.6	4	2.4	•	3.0		1.4	
Improve payment terms & process (reducing time to pay)	Deployed		1	4	2		4		0	
Demonstrate willingness to explore entire carrier network and suite of services	Deployed		2	4	3		3		3	
Pay lumper charges direct to the carrier via invoice	Deployed		1	1	3		3		2	
Provide fair market accessorials	Deployed		3	The state of the s	4		3		1	
Honor rates & lane awards for agreed upon term	Deployed		1	4	3		0		0	
Provide the opportunity to negotiate incumbency status within preferred shippers' network prior to bid	Deployed		2	4	2		4		1	
Provide carriers with feedback on rates, lane requirements, & competitive information	Deployed		1		0		4		3	
TECHNOLOGY, CLAIMS, SCORECARDING	Developmental		1.8		2.0	•	2.0		1.8	
Automated tendering (EDI) with all information required	Deployed		2	4	2		2		1	
Direct communication with Shipping Office	Planning		1	4	2		3		2	
Create & actively monitor a KPI scorecard program.			3	4	2		1		1	
Recognize & award carriers / drivers for exceptional performance	Planning		2	4	2		1		2	
Provide accurate and complete documentation & ensure carrier understands the claim process up front	Deployed		1	4	2		3		3	
IT Technology Integration	Inactive		3	d l	2		0		3	



Category Standards	Implemenation Status		Ease of lementation	1	mpact	Self Rating		Carrier Rating		Action Items
SHIPMENT PLANNING & EXECUTION	Transitional		2.0	di	2.2	•	2.5		2.1	
Turn trailers within 24 hours	Deployed		3	4	1		3		2	
Offer balanced tendering throughout the week	Deployed		2		3	0	2	0	2	
Minimize loading & unloading times (live loads in < 2 hours max)	On Hold		1		1		1		1	₩ ₩
Provide forecasts, monitor actual volume, & communicate major volume shifts	Planning		3		2		2		2	
Provide ample amount of tender lead time	Deployed		2		2		3		3	
Provide type of commodity with clear identification & requirements up front	Deployed		1	d	1		3		2	
Tender loads to maximize carrier / driver efficiency	Deployed		3	d	4		3		2	
Allow reasonable transit times based on compliance with government regulations	On Hold		1		2		1		1	
Bill of Ladings are prepared accurately and in advance of driver arrival	Deployed		3		2		3		3	
Train & educate	Planning		1	4	4		3		2	
Collaborate with a 3PL	Deployed		2		2		3		3	19 19
FACILITIES	Transitional		1.9	all	3.0	•	2.8		2.1	
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Provide yard jockey service to stage trailers, eliminate congestion & help identify maintenance concerns	Deployed		2	Ш	3		3		3	

how much will it cost?

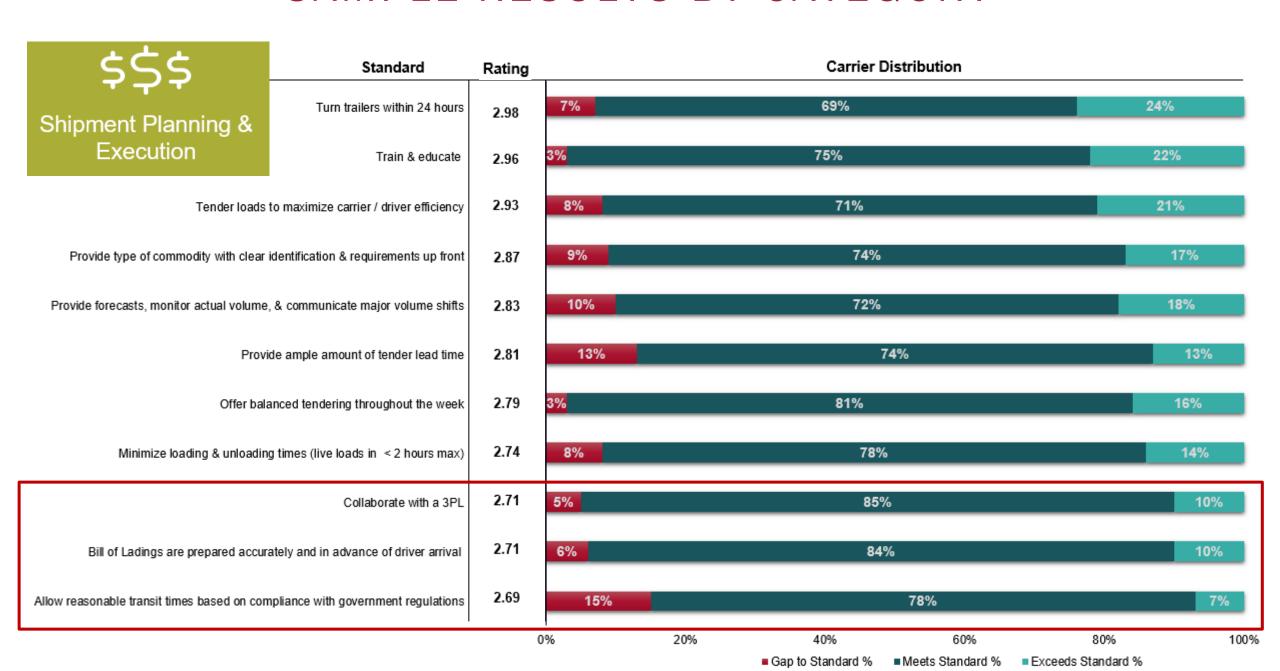
Implemenation Status					
Inactive	Shipper does not currently have the resources or capability				
Planning	Shipper is developing the process & capability				
On Hold	Execution has been delayed or temporary stalled				
Deployed	Shipper is actively executing the standard				

On Hold	Execution has been delayed or temporary stalled
Deployed	Shipper is actively executing the standard
	Category Maturity Level
Developmental	Most of the standards are in the Inactive, Planning, or On Hold status
Transitional	Several standards are deployed, more are in the On Hold or Planning status
Standardized	All Standards are "Deployed" within a Category
	Ease of Implementation
1	Within next month @ minimal cost & operational resources

Within next quarter, requires moderate resources & planning
> Next quarter, requires significant resources & planning

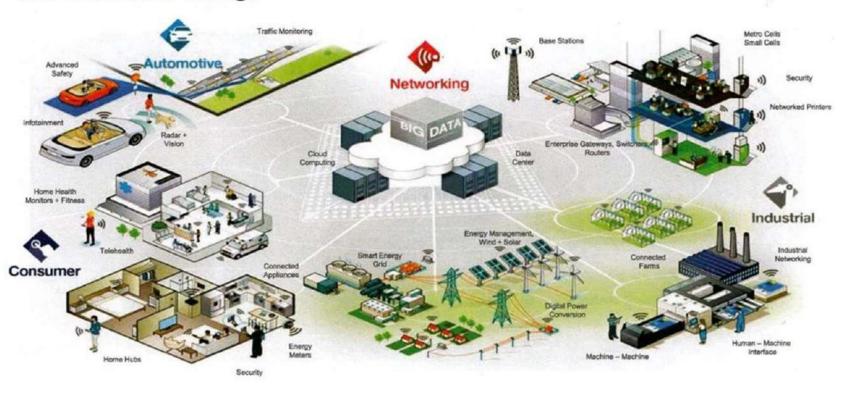
	Rating					
0	Not yet Implemented					
1	Gap to Standard					
2	Meets Standard					
3	Exceeds Standard					
	Impact					
<u></u>	Nice to have but not top priority					
2 Needs increased focus						
3	Significant to ongoing operation & shipper relationship					
4	Critical to carrier in order to continue business					
	Action Items					
What nee	eds to be excecuted, how will it be done, who will do it, when will it be done,					

SAMPLE RESULTS BY CATEGORY



EL NACIMIENTO DEL INTERNET DE LAS COSAS (IOT)

The Internet of Things



TENDENCIAS NOTABLES

- CS Herramienta competitiva
- Abastecimiento Múltiple
- Análisis Predecible
- "Uber Freight"







HAGAMOS DINTRUEQUE



PODCAST DE TLC MAGAZINE MÉXICO

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