

QSI Overview

Learn how to implement QSI Metrics into your decision making. Understand your Network, Partners and Competition.

Our QSI/Market Size metric have/are being viewed by dozens of airlines, airports, and travel related business worldwide.

No Long Term Commitment ...

QSI (Quality of Service Index) is an industry proven methodology. Market share estimation are used by many airlines, airports, travel entities and consultancies throughout the world. There are many functions in the industry that can benefit from QSI methodology, frequency, market share calculations.

Worldwide fully dated (28–31 Days) monthly QSI Model encompasses mid-month schedule changes, holiday scheduling and day-of-month analysis. Frequency, QSI, Market Size shares are informative and imperative in airline analysis, outlook, estimation/vision. Merge into your current views, processes and analyses.

Equipment Types

- Jet Widebody
- Jet
- Regional Jet
- TurboProps

Services Built / Filtered / Scores

- Nonstops / Direct Routings
- Single Connect Online / Interline Routings
- Double Connect Online / Interline Routings
- Code Share Nonstop / Connecting Routings

Market Types

- Nonstop Markets
- Connection Only Markets

QSI Analytics Report — DCAMSP

Data Dictionary on page 3.

Frequency Counts by Service Type

					One (1) Coupon			Two(2+) Coupons					Code Share		Frequency Counts Day of Week(1 Cpn 2+ Cpns)								Total Frequency By Coupon		
YYYYMM	Country Pair	Airport Pair	dopral	mmktal	JetW	Jet	Reg Jet	Turbo	ON(G)	ON(P)	ON(Dbl)	InterCnx	1Cpn	2+Cpns	Mon	Tue	Wed	Thr	Fri	Sat	Sun	1 Cpn	2+Cpns	OD Total	
202306	US-US	DCAMSP	AA		0	30	30	0	108	37	0	0	0	0	8\24	8\16	8\20	10\28	10\27	8\9	8\21	60	145	205	
202306	US-US	DCAMSP	AC		0	0	0	0	30	30	0	0	0	0	0\8	0\8	0\8	0\10	0\10	0\8	0\8	0	60	60	
202306	US-US	DCAMSP	DL		60	90	0	0	167	0	0	0	0	0	20\28	20\28	20\28	25\28	25\28	20\6	20\21	150	167	317	
202306	US-US	DCAMSP	UA		0	0	0	0	148	0	0	0	0	0	0\25	0\25	0\25	0\24	0\24	0\7	0\18	0	148	148	
202306	US-US	DCAMSP	WN		2	4	0	0	159	0	0	0	0	0	0\31	0\32	0\32	1\32	1\32	0\0	4\0	6	159	165	

QSI "Fair" Market Share by Service Type

					One(1) Coupon			Two(2+) Coupons					Code Share		QSI "Fair" Market Share by DOW and True O&D								QSI "Fair" MarketShare by DOW and True O&D						Total Frequency By Coupon	
YYYYMM	Country Pair	Airport Pair	dopral	mmktal	JetW	Jet	RegJet	Turbo	OnScnx(G)	OnScnx(P)	ON(Dbl)	InterCnx	1Cpn	2+Cpns	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Mon	Tue	Wed	Thr	Fri	Sat	Sun	Score	Share
202306	US-US	DCAMSP	AA		0.0%	0.0%	0.0%	0.0%	1.5%	0.2%	0.0%	0.0%	0.0%	0.0%	13.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	61.0121	0.2216
202306	US-US	DCAMSP	AC		0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	13.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.571	0.00571
202306	US-US	DCAMSP	DL		31.6%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	13.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	197.837	0.71856
202306	US-US	DCAMSP	UA		0.0%	0.0%	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	16.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.338	0.02302
202306	US-US	DCAMSP	WN		0.2%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	16.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.5665	0.03111

Market Size by Service Type and DOW

					Market Size by Service Type					Market Size by Day of Week								
YYYYMM	Country Pair	Airport Pair	dopral	mmktal	1Cpn	1CpnShr	2+CpnsOn	2+CpnsShr	2+CpnsInt	Mon	Tue	Wed	Thr	Fri	Sat	Sun	AVG	STDEV
202306	US-US	DCAMSP	AA		2712.7	0	464.8	0	0	338.2	518.9	532.3	497.4	500	392.1	398.6	453.9	76
202306	US-US	DCAMSP	AC		0	0	18.5	0	0	1.7	2.5	3.8	2.1	2.1	3.8	2.5	2.6	0.8
202306	US-US	DCAMSP	DL		12270.2	0	306.59	0	0.3	1693.8	1975.5	1854.6	1885.2	1888.6	1619.9	1659.4	1796.7	136.8
202306	US-US	DCAMSP	UA		0	0	181.25	0	0	25.5	44.1	28.4	22.1	22.1	13.6	25.5	25.9	9.3
202306	US-US	DCAMSP	WN		67.6	0	1016.39	0	0	183.3	70.1	196.2	231.7	244.1	47.9	110.5	154.9	78.5

Data Dictionary

Field	Description
YYYYMM	Year Month
Country Pair	ISO Country Pair
Airport Pair	IATA Airport Pair
Dom OprAI	Dominant Operating Airline
MktAI(s)	Marketing Airline(s)
JetW	Jet Wide Body
Jet	Jet
RegJet	Regional Jet
Turbo	Turboprop
ON(G)	Online GOOD Connection
ON(P)	Online POOR Connection
ON(Dbl)	Online DOUBLE Connections
InterLine	Interline Connections
Code Share	Code Share
1Cpn	One Coupon
1CpnShr	One Coupon Code Share
2+Cpns	Two Coupons
2+CpnsShr	Two Coupon Code Share
2+CpnsInt	Two Coupon Interline
Mon	Monday
Tue	Tuesday
Wed	Wednesday
Thr	Thursday
Fri	Friday
Sat	Saturday
Sun	Sunday

Field	Description
Score	QSI Score
Share	QSI “fair” Share
Avg	Average
StdDev	Standard Deviation

Data Sources

- Worldwide Transponder Schedules
- Proprietary QSI “Fair” Share
- Proprietary Market Sizes
- ISO Country Codes
- IATA Airport Codes
- DOT Structure Metrics