

## **TURKISH AIRLINES**

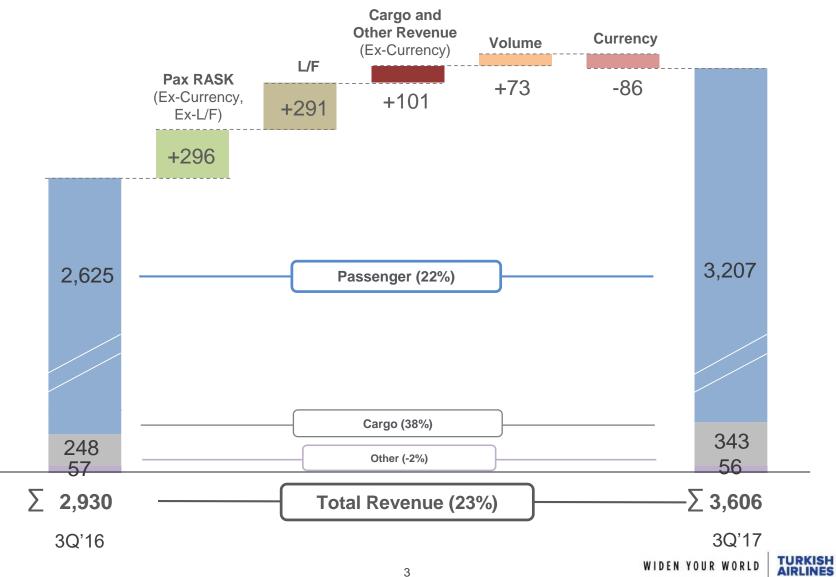
### **3Q'17 Results Summary**



3Q'16	3Q'17	Change	(USD mn)	9M'16	9M'17	Change
2.930	3.606	23,1%	Revenue	7.562	8.203	8,5%
2.625	3.207	22,2%	Passenger Revenue	6.696	7.125	6,4%
248	343	38,3%	Cargo Revenue	712	923	29,6%
226	888	292,9%	Net Operating Profit / Loss	-260	819	
257	939	265,4%	Profit From Main Operations	-154	956	-
184	697	278,8%	Net Income	-463	263	
6,3%	19,3%	13,0 pt	Net Income Margin	-6,1%	3,2%	9,3 pt
781	1.467	87,9%	EBITDAR	1.312	2.391	82,3%
26,6%	40,7%	14,0 pt	EBITDAR Margin	17,3%	29,2%	11,8 pt

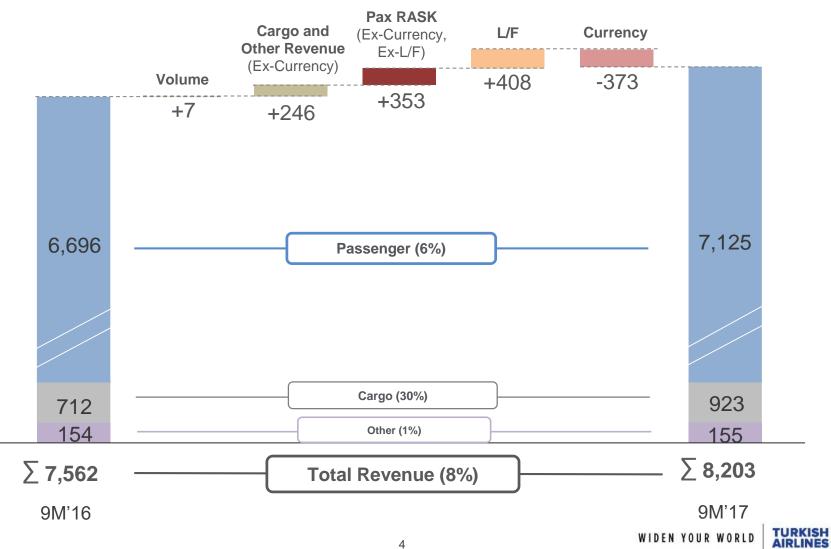
### Revenue Development (3Q'16 vs 3Q'17)

(mn USD)



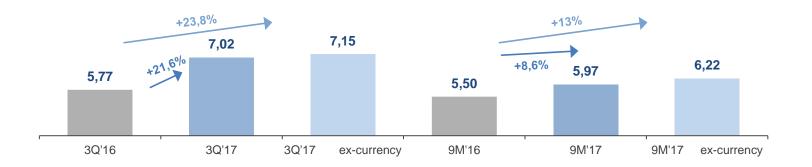
### Revenue Development (9M'16 vs 9M'17)

(mn USD)

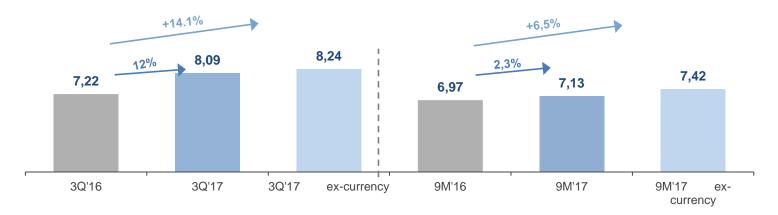


### **Unit Revenue Development**

RASK (USc)



R/Y (Usc)



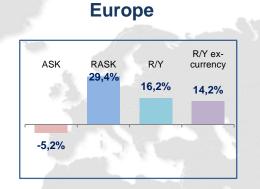


### Regional Yield Development in USD (3Q'17 vs 3Q'16)

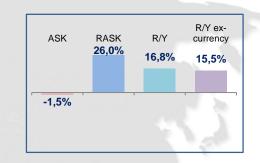
America ASK RASK R/Y R/Y excurrency 18,1% 10,7% 10,2%

Africa

ASK	RASK	R/Y	R/Y ex- currency
5,0%	9,2%	6,1%	6,3%



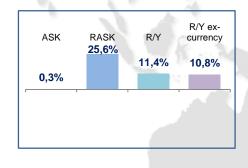
#### Asia / Far East



#### Domestic

ASK	RASK	R/Y	R/Y ex- currency
11,8%	6,4%	0,9%	9,5%
			21
	_		de de

#### **Middle East**



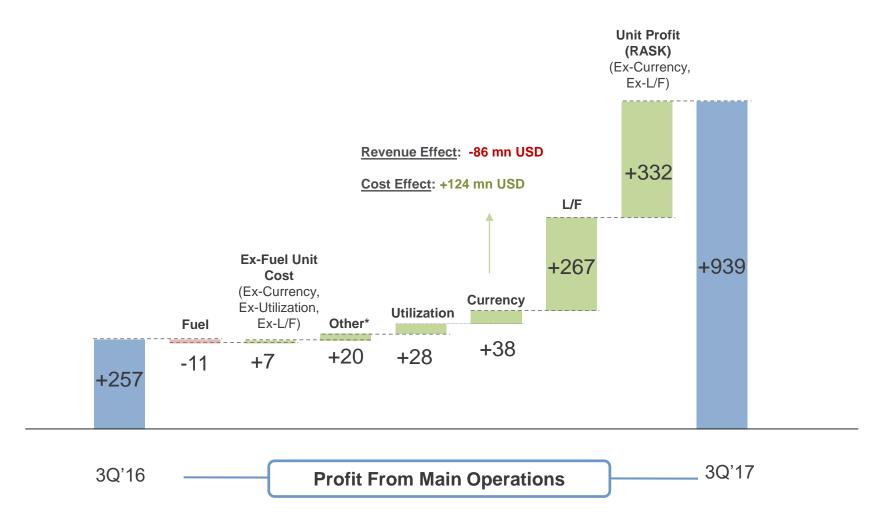
### Regional Yield Development in USD (9M'16 vs 9M'17)

America Europe Asia / Far East R/Y ex-R/Y ex-R/Y ex-ASK R/Y RASK R/Y ASK R/Y ASK RASK currency currency RASK currency 13,7% 13,3% 6,9% 7,9% 3,3% 2,4% 4,0% 0,9% 9,3% 3,6% -7,9% -4,6% **Domestic Middle East Africa** R/Y ex-R/Y ex-R/Y ex-ASK RASK R/Y currency ASK RASK ASK RASK R/Y R/Y currency currency 7,5% 6,3% 0,6% 1,2% 2,1% 3,5% 0,9% -1,7% -0,7% -1,8% -5,3% -3,7%



### **Profit From Main Operations Development (3Q'16 vs 3Q'17)**

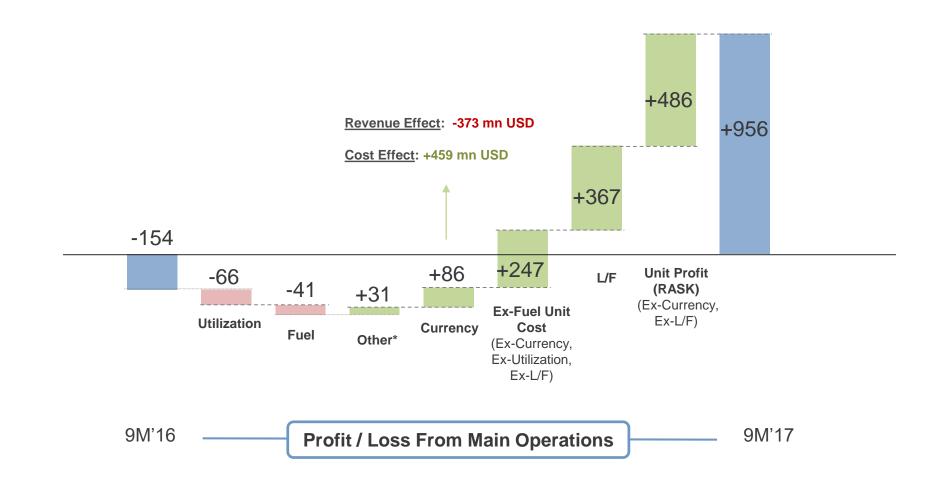
(mn USD)



\*Includes other operating income, other operating expense and FX gains/losses from operational activities.

### **Profit From Main Operations Development (9M'16 vs 9M'17)**

(mn USD)



\*Includes other operating income, other operating expense and FX gains/losses from operational activities.

### **Operational Expense Breakdown**

3Q'16	3Q'17	Change	(mn USD)	9M'16	9 <b>M'</b> 17	Change
760	815	7,2%	Fuel	2.036	2.099	3,1%
478	431	-9,8%	Personnel	1.451	1.243	-14,3%
419	394	-6,0%	Aircraft Ownership	1.233	1.142	-7,4%
272	289	6,3%	Airports & Air Navigation	740	730	-1,4%
222	228	2,7%	Sales & Marketing	735	650	-11,6%
181	184	1,7%	Ground Handling	503	483	-4,0%
160	150	-6,3%	Passenger Services & Catering	452	388	-14,2%
141	154	9,2%	Maintenance	450	430	-4,4%
71	73	2,8%	Other	222	219	-1,4%
2.704	2.718	0,5%	TOTAL	7.822	7.384	-5,6%

ASK Growth: +3.0%

ASK Growth:+0.1 %

#### Notes:

(1) Includes General Administration and Other Cost of Sales.

3Q'16	3Q'17	Change	(USc)	9M'16	9 <b>M'</b> 17	Change
1,57	1,63	4,1%	Fuel	1,56	1,61	3,0%
0,99	0,86	-12,5%	Personnel	1,11	0,95	-14,4%
0,87	0,79	-8,7%	Aircraft Ownership	0,95	0,88	-7,5%
0,56	0,58	3,2%	Airports & Air Navigation	0,57	0,56	-1,5%
0,46	0,46	-0,3%	Sales & Marketing	0,56	0,50	-11,7%
0,37	0,37	-1,3%	Ground Handling	0,39	0,37	-4,1%
0,33	0,30	-9,0%	Passenger Services & Catering	0,35	0,30	-14,2%
0,29	0,31	6,0%	Maintenance	0,35	0,33	-4,5%
0,15	0,15	-0,2%	Other	0,17	0,17	-1,5%
5,58	5,45	-2,4%	TOTAL	6,00	5,66	-5,7%



3Q'16	3Q'17	Change		9M'16	9M'17	Change
575	583	1,3%	Fuel Price (Usd/ton)	567	578	2,0%
3,28	3,31	1,0%	Fuel Consumption (It) per 100 ASK2	3,31	3,28	-0,9%
1.114	1.011	-9,3%	Aircraft Ownership Cost per BH	1.181	1.115	-5,6%
375	395	5,4%	Maintenance Cost per BH	431	420	-2,6%
1.381	1.333	-3,4%	Handling Cost per Landing	1.408	1.361	-3,3%
1.069	1.091	2,1%	Airports & Air Navigation Cost per km Flown	1.055	1.044	-1,0%
8,78	7,03	-19,9%	Passenger Services & Catering Cost per Pax	9,36	7,52	-19,7%
7,6%	6,3%	-1,3 pt	Sales & Marketing Cost / Total Revenue	9,7%	7,9%	-1,8 pt

### **EBITDAR Calculation**

3Q'16	3Q'17	Change	EBITDAR (mn USD)	9M'16	9M'17	Change
2.930	3.606	23%	Sales Revenue	7.562	8.203	8%
2.335	2.362	1%	Cost of Sales (-)	6.625	6.328	-4%
595	1.244	109%	GROSS PROFIT / (LOSS)	937	1.875	100%
77	59	-23%	General Administrative Expenses (-)	242	204	-16%
292	297	2%	Marketing and Sales Expenses (-)	955	852	-11%
226	888	293%	NET OPERATING PROFIT / (LOSS)	-260	819	-
55	63	15%	Other Operating Income	136	167	23%
24	12	-50%	Other Operating Expense (-)	30	30	0%
257	939	265%	Profit / (Loss) from Main Operations	-154	956	-
70	95	36%	Adjustments	107	152	42%
49	84	71%	Share of Investments' Profit / Loss Accounted by Using The Equity Method	47	106	126%
21	11	-48%	Income From Government Incentives	60	46	-23%
327	1.034	216%	EBIT	-47	1.108	-
292	251	-14%	Depreciation	848	758	-11%
619	1.285	108%	EBITDA	801	1.866	133%
127	150	18%	Adjusted Operating Lease Expenses <sup>1</sup>	394	445	13%
35	32	-8%	Adjusted Short term Lease Expenses (Wet-lease) <sup>2</sup>	116	80	-31%
781	1.467	88%	EBITDAR	1.312	2.391	82%
26,6%	40,7%	14,0 pt	EBITDAR MARGIN	17,3%	29,2%	11,8 pt

<sup>1</sup> Adjusted for A/C heavy maintenance <sup>2</sup> Adjusted for A/C Rent and heavy maintenance portion (Approx. 55%)

Notes:

- For 9M'17, Turkish Technic's contribution to EBITDAR through consolidation is 125 mn USD, compared to 125 mn in 9M'16.

- For 9M'17 adjustments for heavy maintenance of operational lease expenses is 207 mn USD compared to 220 mn USD in 9M'16.



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## **TURKISH AIRLINES**

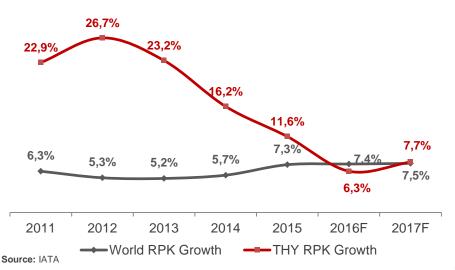
9M'17 Results



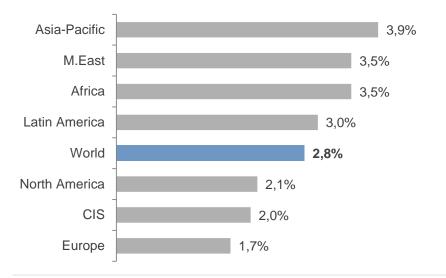
### **Aviation Sector & Economy**



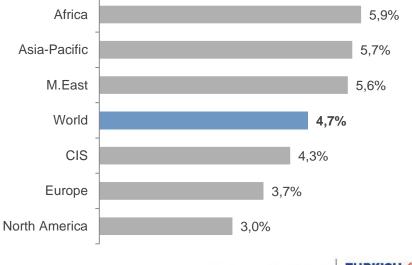
#### Annual RPK Growth (%)



#### Annual GDP Growth Forecast (2017-2036)



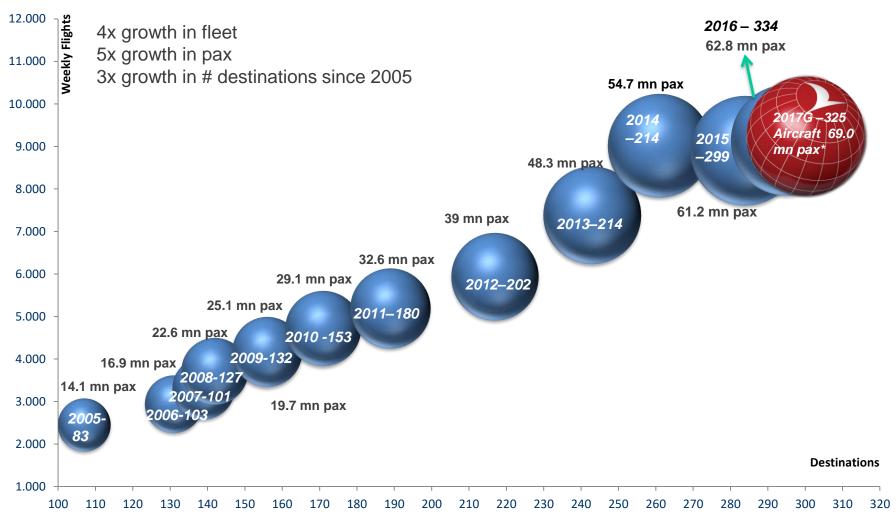
#### Annual RPK Growth Forecast (2017-2036)



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### **Turkish Airlines Historical Growth**



\*As of 30.09.2017

Note: Diameters of the bubbles are proportional to the number of passengers carried.

### We Fly To 120 Countries

EUROPE				
		OUNTRIES		
0			Maldaus	
Germany	Russia	Belgium	Moldova	
Munich	Moscow	Brussels	Chisinau	
Frankfurt	Sochi	Bulgaria Sofia	Poland	
Berlin	St. Petersburg	Varna	Warsaw	
Stuttgart	Kazan		Belarus	
Düsseldorf	Rostov	Romania	Minsk	
Cologne	Ekaterinburg	Bucharest	Slovakia	
Hamburg	Ufa Astro-liker	Cluj	Kosice	
Hanover	Astrakhan	Constanta		
Nuremberg	Novosibirsk	Hungary		
Bremen	Stravropol	Budapest		
Friedrichshafen	Voronezh	Czech Rep.	Routes Opened	
Leipzig	Samara Switzerland	Prague	Ivano-Frankivsk	
Münster Baden-Baden	Zurich	Croatia	Dubrovnik	
	Geneva	Zagreb	Kosice	
Italy		Dubrovnik		
Milan	Basel	Portugal	Cluj	
Rome	Ukraine Kiev	Lisbon	Kharkiv	
Venice		Porto	Voronezh	
Bologna	Odessa	Bosnia	Samara	
Naples	Ivano-Frankivsk	Sarajevo		
Catania	Dnepropetrovsk	Finland		
Turin	Kharkiv	Helsinki		
Pisa	Kherson	Norway		
Bari	Zaporijya	Oslo	Future Routes	
Genoa	Lviv	Albania	Azerbaijan	
France	Simferopol	Tirana	Azerbaijan	
Paris	Donetsk	Ireland	Lankeran	
Lyon Nice	Austria	Dublin Kosovo	Poland	
Marseille	Vienna	Pristina	Krakow France	
Toulouse	Salzburg Graz	Macedonia	Nantes	
Bordeaux UK	Northern Cyprus	Skopje	Spain	
UK London	Lefkosa	Serbia	La Coruna	
London Manchester	Azerbaijan	Belgrade Malta	Russia Makhachkala	
	Baku	Malta	Krasnodar	
Birmingham	Ganja		Krashodar	
Spain	Nakhichevan	Slovenia		
Barcelona	Netherlands	Ljublijana		
Madrid	Amsterdam Rotterdam	Montenegro		
Malaga		Podgorica		
Valencia Bilbao	Greece	Scotland		
Bilbao	Athens	Edinburgh		
	Thessaloniki	Estonia		
	Sweden	Tallinn		
	Stockholm	Latvia		
	Gothenburg	Riga		
	Denmark	Lithuania		
	Copenhagen	Vilnius		
	Aalborg	Luxemburg		
	Billund	Luxembourg		
	Georgia	l i		
	Tbilisi			

AFR			
	NTRIES		
Egypt	Gabon		
Cairo	Libreville		
Alexandria	Mali		
Hurghada	Bamako		
Sharmel-Sheikh	Burkina Faso		
Algeria	Ougadougou		
Algiers	Cote D'Ivore		
Oran	Abidjan		
Constantine	Chad		
Tlemcen	N'Djamena		
Batna	Benin		
South Africa	Cotonou		
Johannesburg	Guinea		
Cape Town	Conakry		
Durban	Mozambique		
Nigeria	Maputo		
Lagos	Niger		
Abuja	Niamey		
Kano	Eritrea		
Cameroon	Asmara		
Douala	Madagascar		
Yaounde	Antananarivo		
Kenya	Mauritius		
Mombasa	Port Louis		
Nairobi	Seychelles		
Tanzania	Seychelles		
Dar Es Selaam	Libya		
Kilimenjaro	Misurata		
Zanzibar	Benghazi		
Tunisia	Sebha		
Tunis	Tripoli		
Djibouti			
Djibouti			
Ethiopia	Routes Opened		
Addis Ababa	Seychelles		
Ghana	Zanzibar		
Accra	Conakry		
Morocco			
Casablanca			
Rwanda	Future Routes		
Kigali	Angola		
Somalia	Luanda		
Mogadishu	Egypt		
Sudan	Aswan		
Khartoum	Luxor		
Uganda	Guinea		
Entebbe	Conakry		
Mauritania	South Sudan		
Nouakchott	Juba		
Senegal	Sierra Leone		
Dakar	Freetown		
Congo	TICSTOWN		
Kinshasa			

MIDI	DLE EAST	
Saudi Arabia UAE		
Jeddah	Dubai	
Madinah	Abu Dhabi	
Riyadh	Lebanon	
Dammam	Beirut	
Yanhu	Jordan	
El Qassim	Amman	
Taif	Ahiman Akabe	
Iran	Qatar	
Tehran	Doha	
Mashad	Bahrain	
Shiraz	Bahrain	
Tabriz	Oman	
Isfahan	Oman Muscat	
Kermanshah	maooat	
Ahvaz	Syria	
	Aleppo	
Israel	Damascus	
Tel Aviv	Yemen	
Iraq	Aden	
Erbil	Sanaa	
Baghdad		
Basra		
Sulaymaniyah		
Najaf	Future Routes	
Mosul		
Kuwait	Saudi Arabia	
Kuwait	Abha	

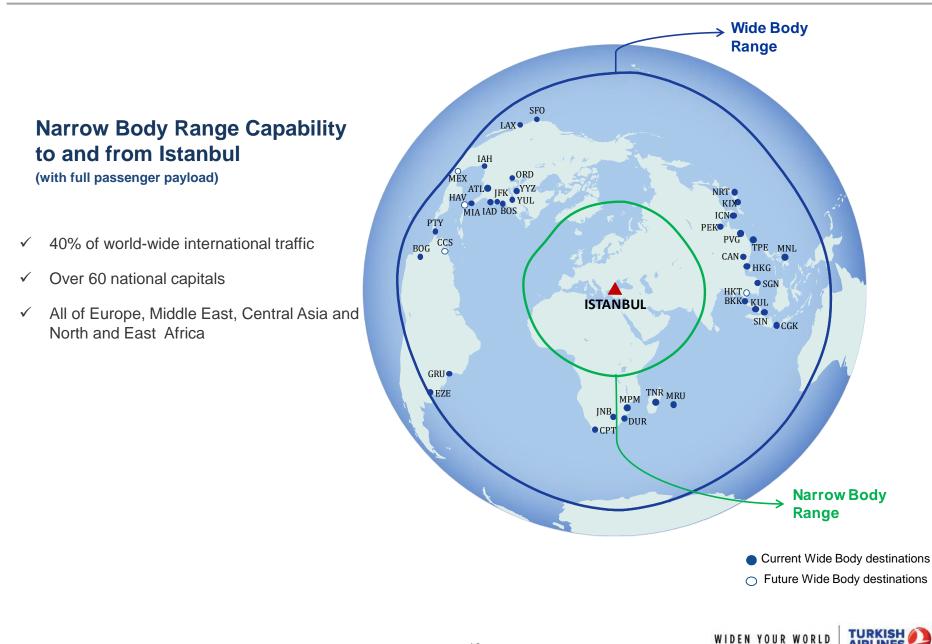
AMERICAS						
8	8 COUNTRIES					
USA	Panama					
New York	Panama					
Los Angeles	Cuba					
Washington	Havana					
Boston	Venezuela					
Chicago	Caracas					
Houston						
Miami						
Atlanta	Routes Opened					
San Francisco	Routes Opened					
Canada	Bogota					
Toronto	Panama					
Montreal	Atlanta					
Argentina	Havana					
Buenos Aires	Caracas					
Brazil						
Sao Paulo	Future Routes					
Columbia	T diale Roules					
Bogota	Mexico					
	Mexico City					

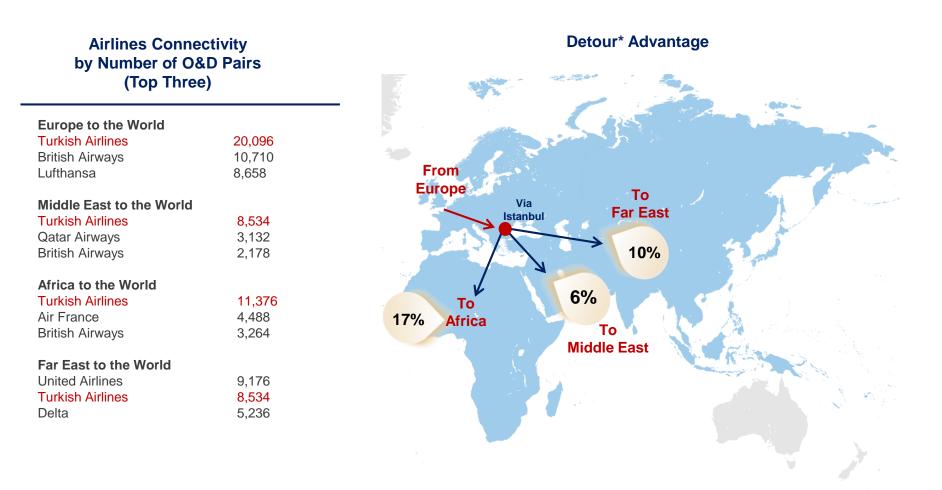
FAR EAST			
22 COU	INTRIES		
China	Bangladesh		
Beijing	Dhaka		
Guangzhou	Indonesia		
Shanghai	Jakarta		
Taipei	Maldives		
Hong Kong	Male		
Pakistan	Singapore		
Karachi	Singapore		
Islamabad	Sri Lanka		
Lahore	Colombo		
Kyrgyzstan	Uzbekistan		
Bishkek	Tashkent		
Osh	Philippines		
Kazakhstan	Manila		
Almaty	Tajikistan		
Astana	Dushanbe		
Japan	Khujand		
Tokyo	Nepal		
Osaka	Kathmandu		
India	Mongolia		
Mumbai	Ulaanbaatar		
New Delhi			
Thailand	Deutee Onened		
Phuket	Routes Opened		
Bangkok	Hanoi		
Turkmenistan	Phuket		
Ashgabat			
Malaysia			
Kuala Lumpur			
South Korea			
Seoul			
Afghanistan	Future Routes		
Kabul	Future Routes		
Mazar-ı Sharif	Indonesia		
Vietnam	Denpasar		
Ho Chi Minh	Uzbekistan		
Hanoi	Semerkand		

DOMESTIC 49 CITIES

Batumi

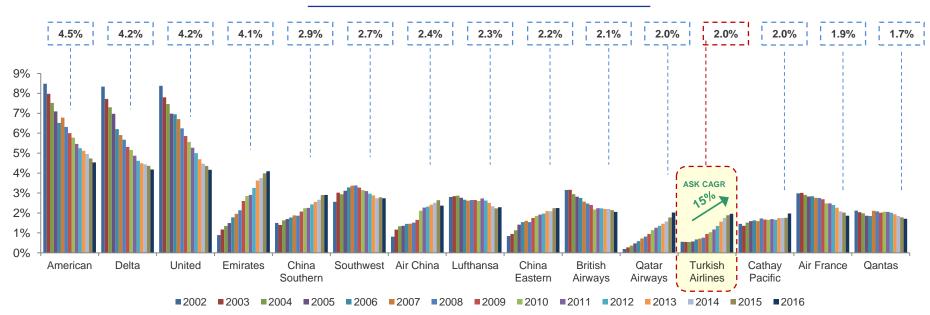
### Istanbul's Geographical Advantage - A Natural Hub





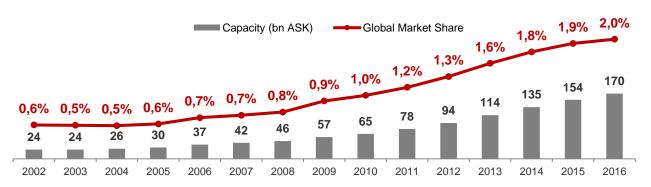
\* Detour: Increase in the flight distance compared to a non-stop flight. Forecasted by using 6,000 arrival-departure cities **Source:** Retrieved from OAG.

### **Global Market Share Development**



#### **Global Market Share Trends (in ASK)**

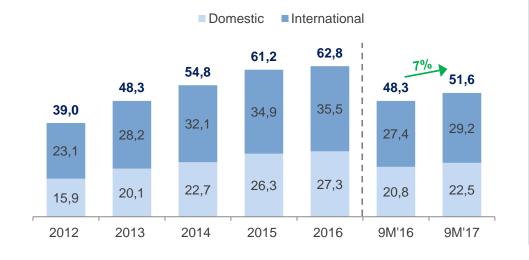
#### **Turkish Airlines Market Share Development**



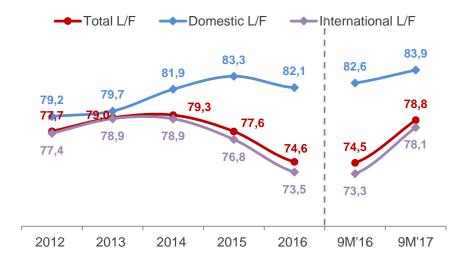
Notes: For US carriers regional flights are excluded. Wholly owned subsidiaries are included in the calculation same as IATA reports. 2016 capacities are obtained from OAG. Lufthansa figures include Lufthansa Passenger Airline and Eurowings. Turkish Airlines' capacity data is realized.

Source: 2002 ICAO, 2003-2015 IATA, 2016F OAG, company reports, ATW, AEA, sorted by 2016 ASK values.

### **Total Passengers (mn)**



Load Factor (L/F %)



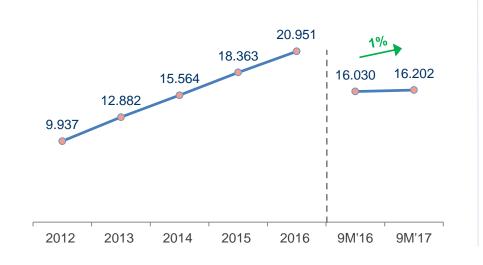
#### **Passenger Traffic**

9M'16	VS	9M'17
Landing	down by	-0,7%
ASK	up by	0,1%
RPK	up by	5,9%
Passenger #	up by	6,9%
L/F	up by	4,3 pt

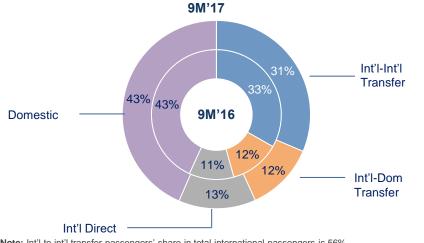
### Annual Changes (%)

	2011	2012	2013	2014	2015	2016
ASK	25%	18%	21%	16%	14%	10.7%
RPK	22.9%	26.7%	23.2%	16.2%	11.6%	6.3%
PAX	12%	20%	24%	14%	12%	2.5%
L/F	-1.1	5.1	1.4	0.3	-1.7	-3.1

Int'I to Int'I Transfer Passengers ('000)

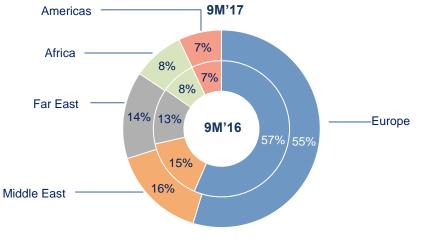


#### Passenger Breakdown by Transfer Type



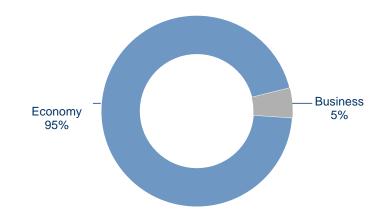






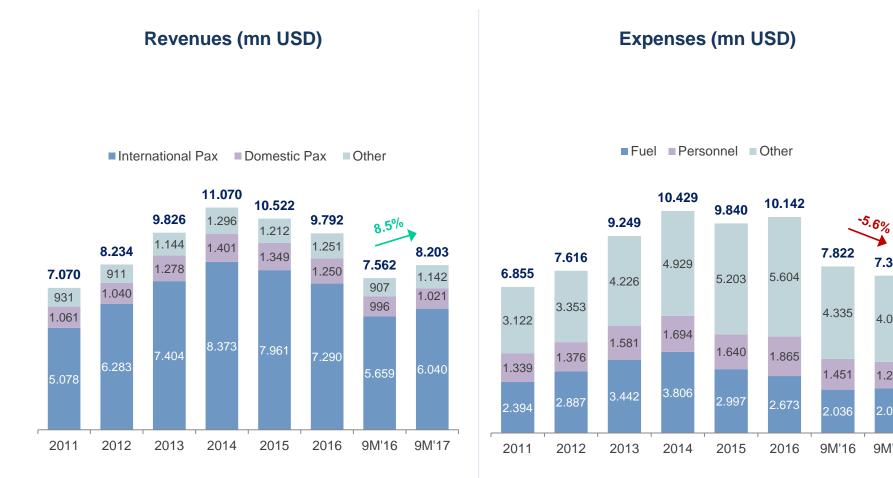
Note: Includes only scheduled passengers.

#### 9M'17 Passenger Breakdown by Cabin Class



Note: Includes only scheduled passengers.





Note: Int and domestic pax revenue indicates scheduled pax revenue.

Other revenue includes cargo, charter and other revenue.

7.384

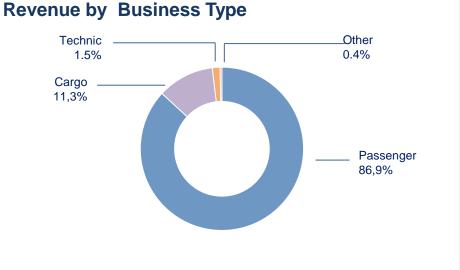
4.042

1.243

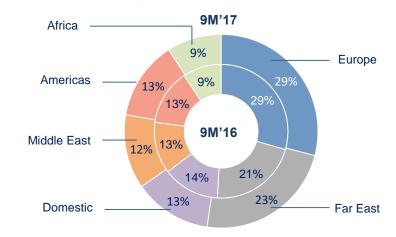
2.099

9M'17

### **Revenue Breakdown (9M'17)**

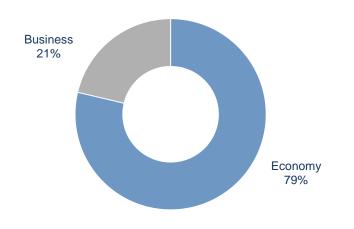


#### **Revenue by Geography**

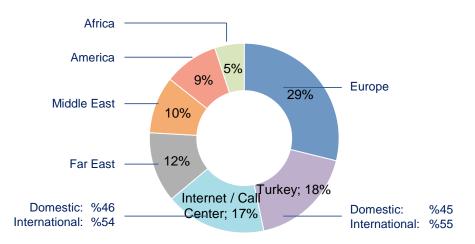


Note: Includes total passenger and cargo revenue

#### **Revenue by Passenger Class**

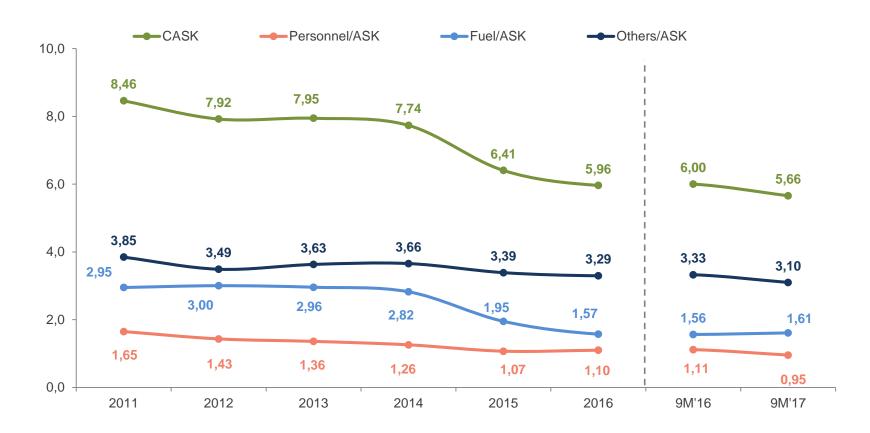


#### **Revenue by Point of Sale**



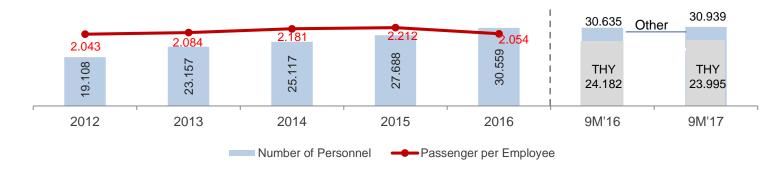
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Note: Includes only scheduled passenger revenue

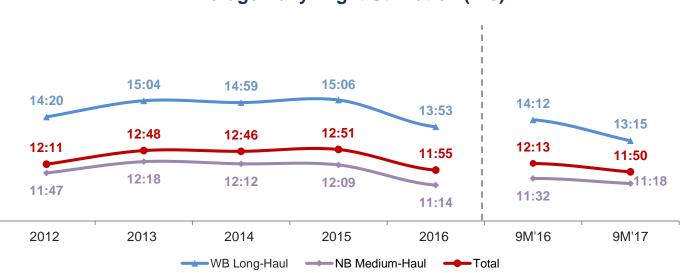


#### Cost Per ASK (Usc)

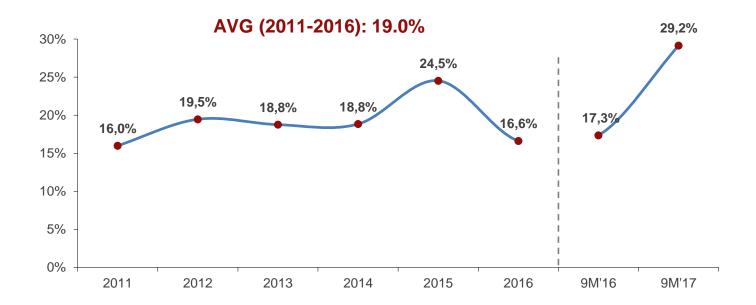
#### **Personnel Efficiency**



Note: Total includes Turkish Technic and THY Uçuş Eğitim Personnel



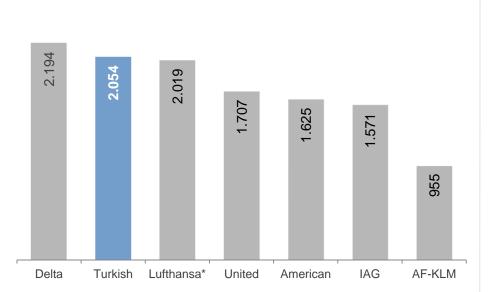
### Average Daily Flight Utilization (hrs)



(mn USD)	2011	2012	2013	2014	2015	2016	9M'16	9M'17	YoY Change
Revenue	7.070	8.234	9.826	11.070	10.522	9.792	7.562	8.203	8,5%
EBIT	277	691	755	808	1.039	-167	-47	1.108	-
EBIT Margin	3,9%	8,4%	7,7%	7,3%	9,9%	-1,7%	-0,6%	13,5%	14,1 pt
EBITDA	763	1.265	1.405	1.551	1.963	981	801	1.866	133,0%
EBITDA Margin	10,8%	15,4%	14,3%	14,0%	18,66%	10,02%	10,59%	22,75%	12,2 pt
EBITDAR	1.130	1.603	1.843	2.085	2.580	1.628	1.312	2.391	82,3%
EBITDAR Margin	16,0%	19,5%	18,8%	18,8%	24,5%	16,6%	17,3%	29,2%	11,8 pt
Net Income	11	657	357	845	1.069	-77	-463	263	-
Net Income Margin	0,2%	8,0%	3,6%	7,6%	10,2%	-0,8%	-6,1%	3,2%	9,3 pt

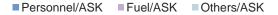


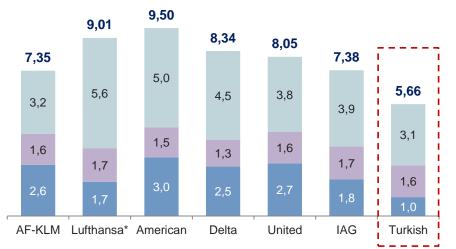
### Peer Group vs Turkish Airlines Efficiency Comparision



**PAX Per Personnel (2016)** 

#### Cost Per ASK (9M'17) - USc





\* Lufthansa Network Airline.

Source: Calculated based on public company reports.

### Fleet

	<b>T</b>	Tatal	Ormed	Financial	Opr./Wet	Seat	Average	Year End Fleet*						
	Туре	Total	Owned	Lease	Lease	Capacity	Fleet Age	2017	2018	2019	2020	2021	2022	2023
	A330-200	16		5	11	4.122	10,0	16	18	16	13	13	8	5
	A330-300	37		29	8	10.807	3,7	37	37	37	37	37	36	29
Wide Body	A340-300	4	4			1.332	19,4	4	4	4	4	4	4	4
	B777-3ER	33		27	6	11.670	3,9	33	33	32	30	30	30	30
	Total	90	4	61	25	27.931	5,6	90	92	89	84	84	78	68
	B737-900ER	15		15		2.355	4,3	15	15	15	15	15	15	15
	B737-9 MAX									5	10	10	10	10
	B737-800	88	25	42	21	14.392	9,2	88	83	83	80	80	80	78
	B737-700	1			1	124	11,6	1	1	1				
	B737-8 MAX								7	19	38	53	65	65
Narrow Body	A321 NEO								3	21	39	59	77	92
	A319-100	7		6	1	924	6,9	7	7	6	6	6	6	6
	A320-200	24	2	10	12	3.822	10,7	22	19	12	12	12	12	12
	A321-200	68		62	6	12.360	5,3	68	68	68	66	64	64	64
	B737-800 WL	20			20	3.780	12,2	19	17	14	8	6	2	
	Total	223	27	135	61	37.757	8,1	220	220	244	274	305	331	342
	A330-200F	9		9			3,7	9	9	9	9	9	9	9
Cargo	B777F							2	2	2	2	2	2	2
Cargo	Wet Lease	6			6		22,3	4						
	Total	15		9	6		11,1	15	11	11	11	11	11	11
	GRAND TOTAL	328	31	205	92	65.688	7,5	325	323	344	369	400	420	421
					S	eat Capacit	y Change :	-1%	1%	5%	5%	7%	4%	-1%

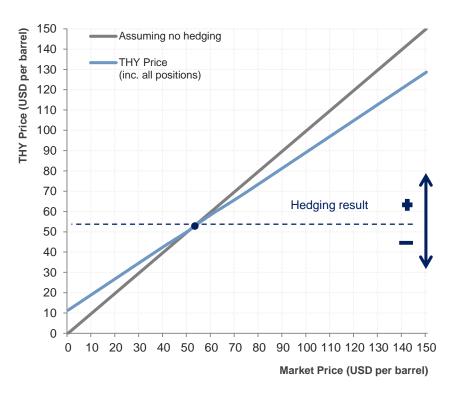
\*After exit-entry

TURKISH

			2011-2023 Aircraft Purchases*														
					Deliv	vered				To Be Delivered							
	Туре	2011	2012	2013	2014	2015	2016	2017	TOTAL	2017	2018	2019	2020	2021	2022	2023	TOTAL
	A330-300	3	3	2	6	7	5		26								
Wide Body	B777-3ER	7			4	7	6	1	25								
	Total	10	3	2	10	14	11	1	51								
	B737-900ER	2	7	1		5			15								
	B737-9 MAX											5	5				10
	B737-800	2	2	6	10		20		40								
Narrow Body	B737-8 MAX										7	12	19	15	12		65
Narrow Bouy	A321	8	7	9		13	10		47								
	A321 NEO										3	18	18	20	18	15	92
	A319	6							6								
	Total	18	16	16	10	18	30		108		10	35	42	35	30	15	167
	A330-200F	1	1	2		1	2	1	8								
Cargo	B777F									2							2
	Total	1	1	2		1	2	1	8	2							2
	GRAND TOTAL	29	20	20	20	33	43	2	167	2	10	35	42	35	30	15	169

\*As of 30.09.2017

TURKISH

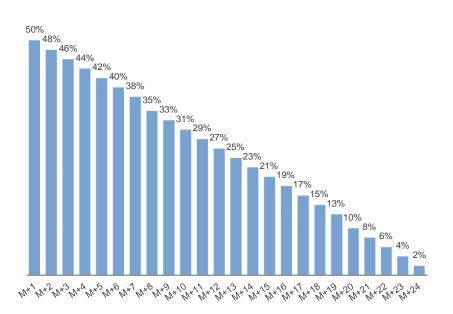


#### **Effect of Hedging on the Fuel Price**

Current fuel hedging levels:

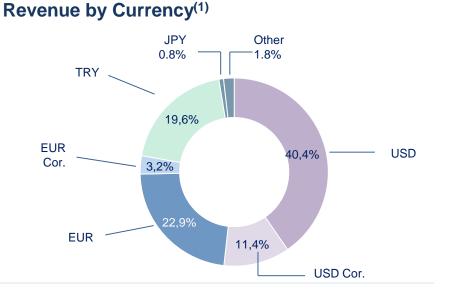
FY17: **50% (4.7 mn barrel)** FY18: **36% (15.7 mn barrel)** FY19: **12% (3.5 mn barrel)** 

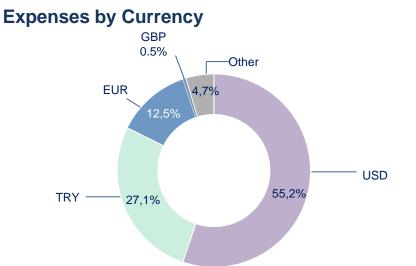
#### **Fuel Hedging Policy**



- Active Surcharge Policy: 50% of fuel cost is reflected to ticket prices
- Gradually decreasing layered hedging strategy (24 months)
- Crude oil based options and swaps
- Aim to hedge 50% of following months budgeted consumption

31





### $^{\rm (1)}$ Currencies that have 85% correlation with USD and EUR are shown as USD Cor. and EUR Cor.correlated respectively.

### Hedging Currency Risk

#### **Hedging Policy**

- Monthly gradually decreasing layered hedging strategy
- Each contract for 24-month period
- Target hedge levels: 30% for TRY, 25-35% for USD
- Flexible hedge strategy with respect to short positions

#### **Current Currency Hedging Matrix:**

2017	Hedging Levels*	Average Price
EUR/USD	25%	1.19
EUR/TRY	29%	3.99

\* Percentage of short positions as of 30 September 2017

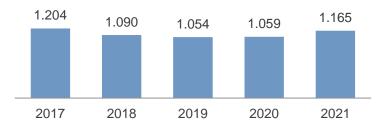


### **Aircraft Financing and Debt Management**

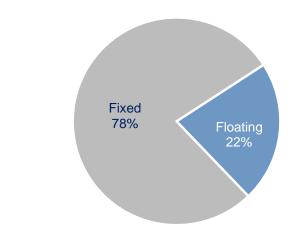
As of 30.09.2017

Total Financial Lease Liabilities: 8.3 bn USD Total Operational Lease Liabilities: 2.0 bn USD

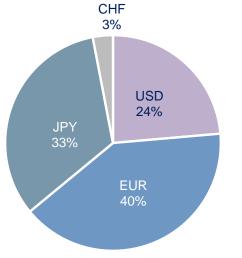




#### Weighted Average Interest Rate: 2.96%



#### **Currency Breakdown of Financial Lease Liabilities**



(mn USD)	30.09.2017 Total FL Debt	Maturity	Yearly Debt Service
USD	1,951	10-12 Years	311
EUR	3,336	10-12 Years	426
JPY	2,729	10-11 Years	237
CHF	280	12 Years	31
Total	8,296		1005

### **Recent Awards**

2016 Bonds&Loans Awards:

- > Transport Finance Deal of the Year
- > Trade and Export Finance Deal of the Year
- > Structured Finance Deal of the Year

2017 Skytrax Awards:

- > Best Airline in Southern Europe
- › World's Best Business Class Lounge
- Best Business Class Lounge Dining
- > Best Business Class On-Board Catering



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Tel: +90 (212) 463-6363 x-13630 e-mail: ir@thy.com

\* The application is accessible via Apple Store and Google Play with the searching word "Turkish Airlines IR".

### **Balance Sheet**

of which Net Profit for the Period

**Total Liabilities & Shareholders Equity** 

Assets (mn USD)	2011	2012	2013	2014	2015	2016	9 <b>M'</b> 17
Cash and Equivalents	934	1.028	647	722	962	1.815	2.806
Trade Receivables	405	434	538	456	361	379	572
Pre-delivery Payment (PDP) Receivables	376	267	521	990	1.139	596	214
Other Current Assets	426	437	419	663	684	811	761
Total Current Assets	2.140	2.166	2.125	2.831	3.146	3.601	4.353
Net Fixed Assets	5.873	7.121	8.043	9.201	11.415	13.476	12.753
of which Aircraft and Engines	5.319	6.392	7.030	8.167	10.177	12.134	11.410
Pre-delivery Payment (PDP) Receivables	217	655	993	650	392	207	219
Other Non-Current Assets	455	581	741	1.064	1.430	1.207	1.322
Total Non-Current Assets	6.545	8.357	9.777	10.915	13.237	14.890	14.294
Total Assets	8.685	10.523	11.902	13.746	16.383	18.491	18.647
Liabilities (mn USD)	2011	2012	2013	2014	2015	2016	9M'17
Lease Obligations	4.189	4.862	5.413	5.931	7.399	8.886	8.283
Passenger Flight Liabilities	677	936	1.201	1.398	1.091	785	1.057
Accounts Payable	461	510	680	662	671	616	835
Other Liabilities	976	1.183	1.346	1.805	2.380	3.117	3.162
Total Liabilities	6.303	7.491	8.640	9.796	11.541	13.404	13.336
Total Shareholders Equity	2.382	3.032	3.262	3.950	4.842	5.087	5.311
of which Issued Capital	1.498	1.498	1.597	1.597	1.597	1.597	1.597
of which Retained Earnings	889	903	1.350	1.714	2.559	3.628	3.551
	000						

1.069

16.383

-77

18.491

263

18.647

TURKISH AIRLINES

357

11.902

845

13.746

657

10.523

11

8.685

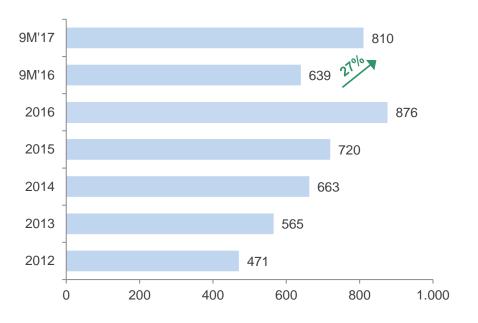
(mn USD)	2011	2012	2013	2014	2015	2016	9M'16	9M'17	YoY Change
Operating Revenue	7.070	8.234	9.826	11.070	10.522	9.792	7.562	8.203	8%
Operating Expenses (-)	6.855	7.616	9.249	10.429	9.840	10.142	7.822	7.384	-6%
of which Fuel	2.394	2.887	3.442	3.806	2.997	2.673	2.036	2.099	3%
of which Personnel	1.339	1.376	1.581	1.694	1.640	1.865	1.451	1.243	-14%
of which Depreciation	486	574	650	743	924	1.148	848	758	-11%
of which Rent	252	243	448	543	496	496	385	384	0%
Net Operating Profit / Loss	215	618	577	641	682	-350	-260	819	-
Income From Other Operations	96	95	115	80	244	145	136	167	23%
Expense From Other Operations (-)	237	61	41	45	31	86	30	30	0%
Profit / Loss From Main Operations	73	652	651	676	895	-291	-154	956	-
Income From Investment Activities (Net)	-	271	76	72	101	117	68	155	128%
Share of Investments' Profit / Loss	6	4	55	75	80	44	47	106	126%
Financial Income	158	49	27	419	532	300	106	41	-61%
Financial Expense (-)	150	191	307	196	201	229	660	948	44%
Profit Before Tax	87	785	502	1.046	1.407	-59	-593	310	-
Tax (-)	76	128	145	201	338	18	-130	47	-
Net Profit	11	657	357	845	1.069	-77	-463	263	-

### **Operational Expense Breakdown**

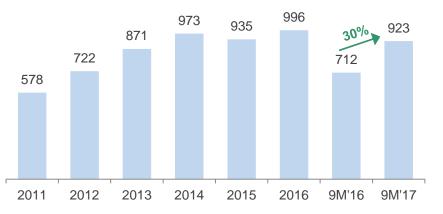
(mn USD)	9M'16	% in Total	9M'17	% in Total	YoY Change
Fuel	2.036	26,0%	2.099	28,4%	3,1%
Personnel	1.451	18,6%	1.243	16,8%	-14,3%
Landing, Navigation & Air Traffic	740	9,5%	730	9,9%	-1,4%
Landing and navigation	347	4,4%	352	4,8%	1,4%
Air Traffic Control	393	5,0%	378	5,1%	-3,8%
Sales & Marketing	735	9,4%	650	8,8%	-11,6%
Commissions and Incentives	268	3,4%	275	3,7%	2,6%
Reservation System	184	2,4%	186	2,5%	1,1%
Advertising	182	2,3%	93	1,3%	-48,9%
Other	101	1,3%	96	1,3%	-5,0%
Depreciation	848	10,8%	758	10,3%	-10,6%
Ground Handling	503	6,4%	483	6,5%	-4,0%
Aircraft Rent	385	4,9%	384	5,2%	-0,3%
Operational Lease	174	2,2%	238	3,2%	36,8%
Wet Lease	211	2,7%	146	2,0%	-30,8%
Passenger Services & Catering	452	5,8%	388	5,3%	-14,2%
Maintenance	450	5,8%	430	5,8%	-4,4%
General Administration	83	1,1%	81	1,1%	-2,4%
Other	139	1,8%	138	1,9%	-0,7%
TOTAL	7.822	100%	7.384	100%	-5,6%
Operating Cost per ASK (USc)	6,00	-	5,66	-	-5,7%
Ex-fuel Operating Cost per ASK (Usc)	4,44	-	4,05	-	-8,8%
Fixed Costs	2.475	31,6%	2.096	28,4%	-15,3%

### **Cargo Operations**

### Cargo Tonnage Carried ('000 Tonnes)



### Cargo Revenue Evolution (mn USD)



- Turkish Cargo serves with 15 freighters and 313 passenger aircrafts.
- Turkish Cargo global market share in revenue has increased from 0.6% in 2009 to 2.2% in 2016.
- In 2016, while World FTK\* grew by 3%, Turkish Cargo
  FTK grew by 4% compared to previous year.
- New Cargo Terminal, which was opened at the end of 2014, has 1.2 million tonnes of cargo capacity and 43,000 m<sup>2</sup> closed warehouse area.

\*Freight/Cargo Tonne Kilometers

#### **Recent Awards**

- Fastest Growing International Cargo Airline of the Year-Air Cargo Africa (2017)
- Overall Carrier of the Year- Payload Asia (2017)
- Logistics Project of the Year with our COMIS project Annual Success in Logistics Awards (2016)
- Best International Air Cargo Company Atlas Logistics Award (2016)
- Cargo Airline of the Year Award ATN (2016)
- Overall Carrier of the Year, Combination Carrier of the Year Winner - Payload Asia (2014)
- Best European Cargo Airline Air Cargo News (2014)



### **Subsidiaries & Affiliates**

	Turkish Airlines Group 9M'17	Revenue (mn USD)	Net Profit (mn USD)	Number of Personnel	Partnership Structure
1	Turkish Airlines (Consolidated)	8.203	263	23.995*	49% Turkey Wealth Fund – 51% Open to Public
2	Turkish Opet Aviation Fuels	1.222	55	447	50% THY – 50% Opet
3	Sun Express (Turkey & Germany)	994	99	3.941	50% THY – 50% Lufthansa
4	Turkish Technic	766	88	6.916	100% THY
5	Turkish Do&Co	211	20	4.278	50% THY - 50% Do&Co
6	Turkish Engine Center (TEC)	373	20	333	51% PW - 49% THY Teknik
7	Turkish Ground Services (TGS)	195	19	10.622	50% THY - 50% Havaş
8	Turkish Cabin Interior Systems (TCI)	3	-1	164	30% THY - 20% THY Teknik - 50% TAI
9	Goodrich Turkish Technic Service Center	11	1	40	60% Goodrich - 40% THY Teknik
10	TSI Aviation Seats	8	-1	80	% 45% THY - 5% THY Teknik - 50% Assan Hanil
11	THY Uçuş Eğitim ve Havalimanı İşletme A.Ş.	2.3	0,5	27	100% THY
12	Tax Free Zone (Tax Refund)	1	-	20	30% THY - 45% Maslak Oto - 25% VK Holding

\* THY A.O. Personnel

SunExpress	5		10	C REMEMBERS.
Sunctiones, manual	SunExpress Turkey	SunExpress Germany	SunExpress Consolidated	
Date of Establishment	1989	2011		
Business Model	Charter + Scheduled	Charter + Scheduled	Charter + Scheduled	50% - 50% subsidiary company of Lufthansa and Turkish Airlines.
Destinations	Germany, 26 in Turkey, 34 other	11 in Germany, 3 in Egypt, 5 in Spain/Canary Islands and 14 other	22 in Germany, 26 in Turkey, 49 in other countries	Turkish Ainines.
Fleet	31 B737-800 + 20 operated for THY	12 Narrow Body + 6 Wide Body	70	Market leader in charter flights between Germany
Seat Capacity	9,828	4,128	13,956	and Turkey.
# of Passengers	5.7 million	1.1 million	6.9 million	50 confirmed Desire next
Load Factor (9M'17)	82.5 %	90.7 %	84.3 %	50 confirmed Boeing next generation narrow body aircraft order to be delivered
Revenues (9M'17)	650 mn USD	259 mn USD	894 mn USD*	between 2015 and 2024. 18 of those aircraft were
Net Income (9M'17)	87 mn USD	1.7 mn USD	88 mn USD	delivered until now.

\* SunExpress consolidated revenue may differ than its subsidiaries' revenue sum due to elemination.

### **Subsidiaries & Affiliates**





#### **Turkish Technic**

- > Turkish Technic Inc. is fully owned by Turkish Airlines.
- Provides maintenance, repair, overhaul (MRO) services and pooling, engineering and Part 21 services to customers worldwide, including all domestic airlines and international airlines such as Air Arabia, Citilink, SpiceJet, Ariana Afghan Airlines.
- Facilities are located at Istanbul Ataturk International Airport (4 hangar), a new world-class facility at Istanbul Sabiha Gökçen International Airport (2 hangar), Ankara Esenboga Airport (1 hangar) and Aydın Çıldır Airport.
- The official opening of the new world-class facility was on June 2014 with an investment of USD 550 million, doubling maintenance, repair and overhaul capacity. Turkish Technic's unique location makes it a convenient MRO provider for around 40% of the world's civilian aircraft within a 3.5 hour flying radius reach of 55 countries.
- On January 2015, facility has been awarded LEED (Leadership in Energy and Environmental Design) Gold Certificate by U.S. Green Building Council for its sustainable building design.
- Turkish Technic has a tremendous MRO capacity to provide maintenance, repair and overhaul services to 30 narrow body aircraft and 10 wide body aircraft with over 6,000 skilled personnel.

### **Turkish Cabin Interior Systems**

- > TCI is a joint venture of Turkish Airlines and TAI (Turkish Aerospace Industries).
- Located in Turkish Technic's Sabiha Gökçen Airport Facility and produces Aircraft Galleys.
- The company is a certified supplier of Boeing and is in the Global Offerable List for B-737 Galleys.



### **Subsidiaries & Affiliates**







#### **Turkish Seat Industries (TSI)**

- Established in 2011, stakes of 5%, 45%, and 50% are respectively held by Turkish Airlines, Turkish Technic and Assan Hanil Group. The company was set up to design and manufacture airline seats and to make, modify, market and sell spare parts to Turkish Airlines and other international airline companies. Whole production takes place in Turkey and 2016 deliveries for third parties completed assuring superior customer satisfaction.
- The first aircraft equipped with the new seats is a Turkish Airlines B737-800. The seats were initially used on the B737-800s of Turkish Airlines fleet and then were installed on the Airbus single-aisle fleet of A319s, A320s and A321s.
- The company, which commenced its operations in 2014, has an annual seat production capacity of 10 thousand. By 2024, it is planned to increase seat production capacity to 50 thousand.

#### **Goodrich Turkish Technic Service Center**

- Provides repair, overhaul and modification services for Nacelle&Thrust Reverser and its components to Turkish Airlines and other domestic and international airline companies.
- The company is located in Gebze Industrial Zone and with an area of approximately 4,000 m<sup>2</sup>.

#### **Turkish Engine Center (TEC)**

- Provides engine maintenance, repair and overhaul (MRO) services to customers located in mainly Turkey, surrounding regions and worldwide.
- The environmentally friendly engine overhaul facility has total usage area of 100,000 m<sup>2</sup> located at the Sabiha Gokçen International Airport.





#### **Turkish OPET**

- In terms of investment on jet fuel supply Turkish Airlines established a jet fuel supply company together with local oil retailer OPET on September 2009.
- > The purpose of the established company is to provide jet fuel service.
- Today, the Company has the largest integrated jet fuel facility in Turkey and has fuel servicing capability at all domestic airports across Turkey.
- In 2016, the Company maintained its market leader position with jet fuel sales of over 3.7 million cubic meters.



#### **Turkish Do&Co**

- Established in 2007, Turkish Do&Co operates in nine gourmet kitchens all over Turkey: Istanbul (Atatürk and Sabiha Gökcen), Ankara, Antalya, Izmir, Bodrum, Trabzon, Dalaman and Adana. Over 60 national and international airlines are catered from these locations.
- Turkish Do&Co has significantly improved the quality of catering service offered by Turkish Airlines on board, bringing many international awards to our Company.



#### **Turkish Ground Services**

- Owned 50% 50% by THY and Havaş Havaalanları Yer Hizmetleri A.Ş.
- Provides ground services to Turkish Airlines and other customers since the beginning of 2010 and currently operates at eight major airports in Turkey: Istanbul (Ataturk and Sabiha Gokcen), Izmir, Ankara, Antalya, Adana, Bodrum, Dalaman.



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