



# AVIATION, ENERGY AND CLIMATE

## OXFORD ENERGY NETWORK

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# THE FLIGHT LEVY

1. Background to the flight levy
2. How we generate flight levies
3. What we want the levy to achieve
4. Flight levy outcomes
5. Flight levy dashboards
6. Future direction for the levy?



# 1. BACKGROUND TO THE FLIGHT LEVY



# BACKGROUND: ENVIRONMENTAL SUSTAINABILITY STRATEGY

- 2021 Environmental Sustainability Strategy approved
  - Commitment to reduce emissions from aviation
  - Develop Travel Policy
  - Target for reducing flights
  - Flight levy
  - Flight levy a source of funding



# BACKGROUND: TRAVEL POLICY

- 2022 Travel Policy approved
  - Travel hierarchy
  - Flight reduction target
  - Flight levy - £30 tCO<sub>2</sub>e



## 2. HOW WE GENERATE FLIGHT LEVIES



# HOW WE GENERATE FLIGHT LEVIES: DATA SOURCES

Monthly reports from

- Key Travel
- E-expenses
- OFS Travel
- Oxford Travel
- Clarity
- Oracle/Barclaycard

# HOW WE GENERATE FLIGHT LEVIES: PROCESS EACH SOURCE

## Steps

- Prepare & cleanse data
- Process data into data model
- Data output
  - Recharges £
  - Flight data
- Recharged to departmental default cost code
- Flight data analysed and presented in dashboards





# **3. WHAT WE WANT THE FLIGHT LEVY TO ACHIEVE**



# WHAT WE WANT THE LEVY TO ACHIEVE

- Generate income for Oxford Sustainability Fund
- Put a price on emissions from flying
- Highlight flying as high environmental impact activity
- Change behaviour
- Reduce flights

# WHAT WE WANT THE LEVY TO ACHIEVE: TRAVEL HIERARCHY & RESTRICTIONS

## Restrictions

- Most domestic flights (>7hrs by train)
- No flights to Paris and Brussels (use Eurostar)
- No first-class flights

## Planning trips

- Cost: door-to-door
- Time: door-to-door





# WHAT WE WANT THE LEVY TO ACHIEVE: TRAVEL HIERARCHY, TARGET & LEVY

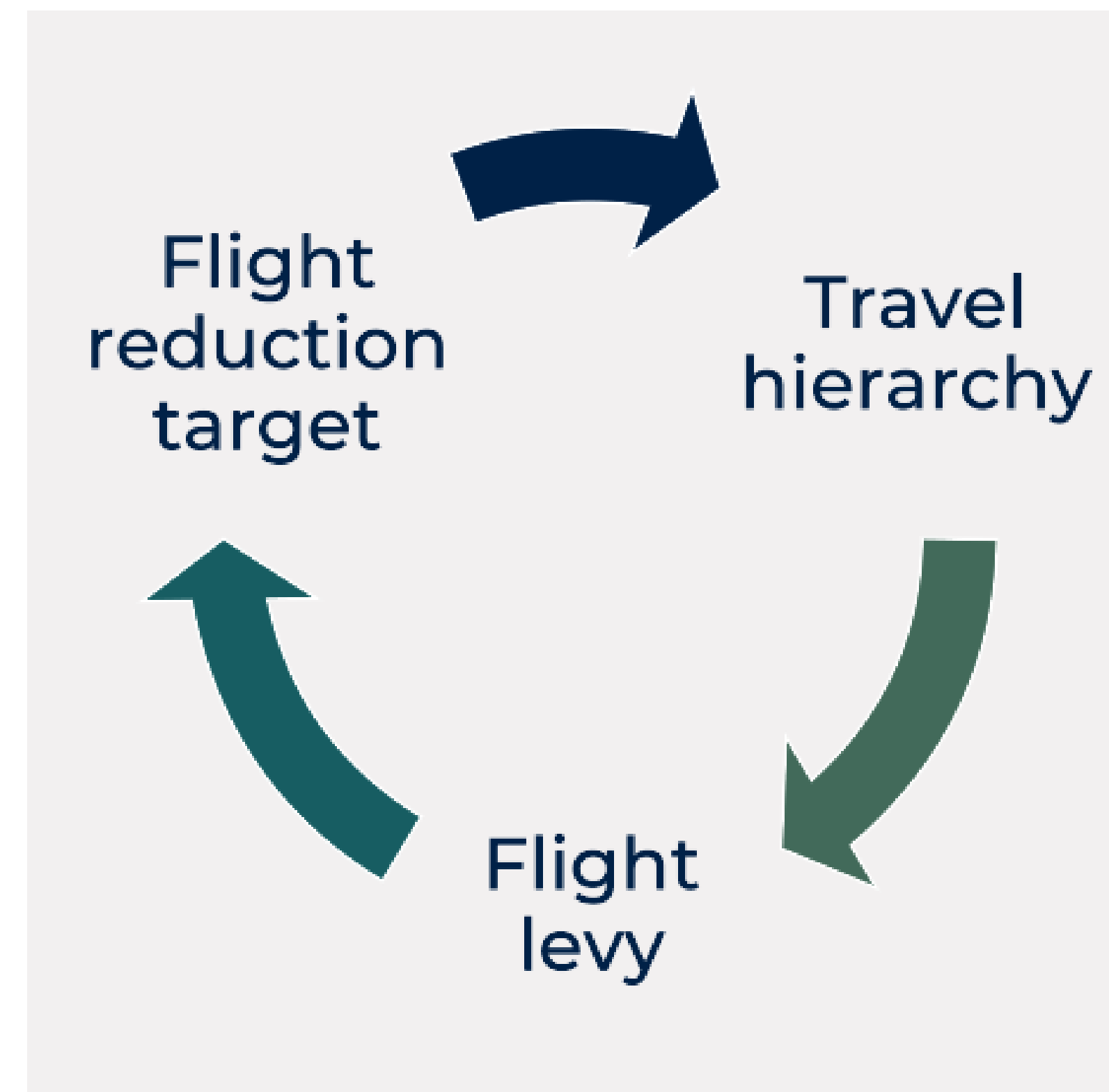
## Travel hierarchy

### Flight reduction target

- 35% by 2035 against 18/19 baseline
  - 20% reduction by 24/25
  - 10% reduction by 30/31
  - 5% reduction by 34/35

### Flight levy

- £30 tCO<sub>2</sub>e





## 4. FLIGHT LEVY OUTCOMES



# FLIGHT LEVY OUTCOMES

- £1.7m generated for Oxford Sustainability Fund
- Data on flying
- Engagement on flights
- Flight reduction?



## 5. FLIGHT LEVY DASHBOARDS



# FLIGHT LEVY DASHBOARDS

- Interactive
- Have a view of University-wide data
- Provide detailed information for your department only
- Request access [travel@admin.ox.ac.uk](mailto:travel@admin.ox.ac.uk), usually granted to HAFs



Financial Year

All

Class

All

Division

All

No

Yes

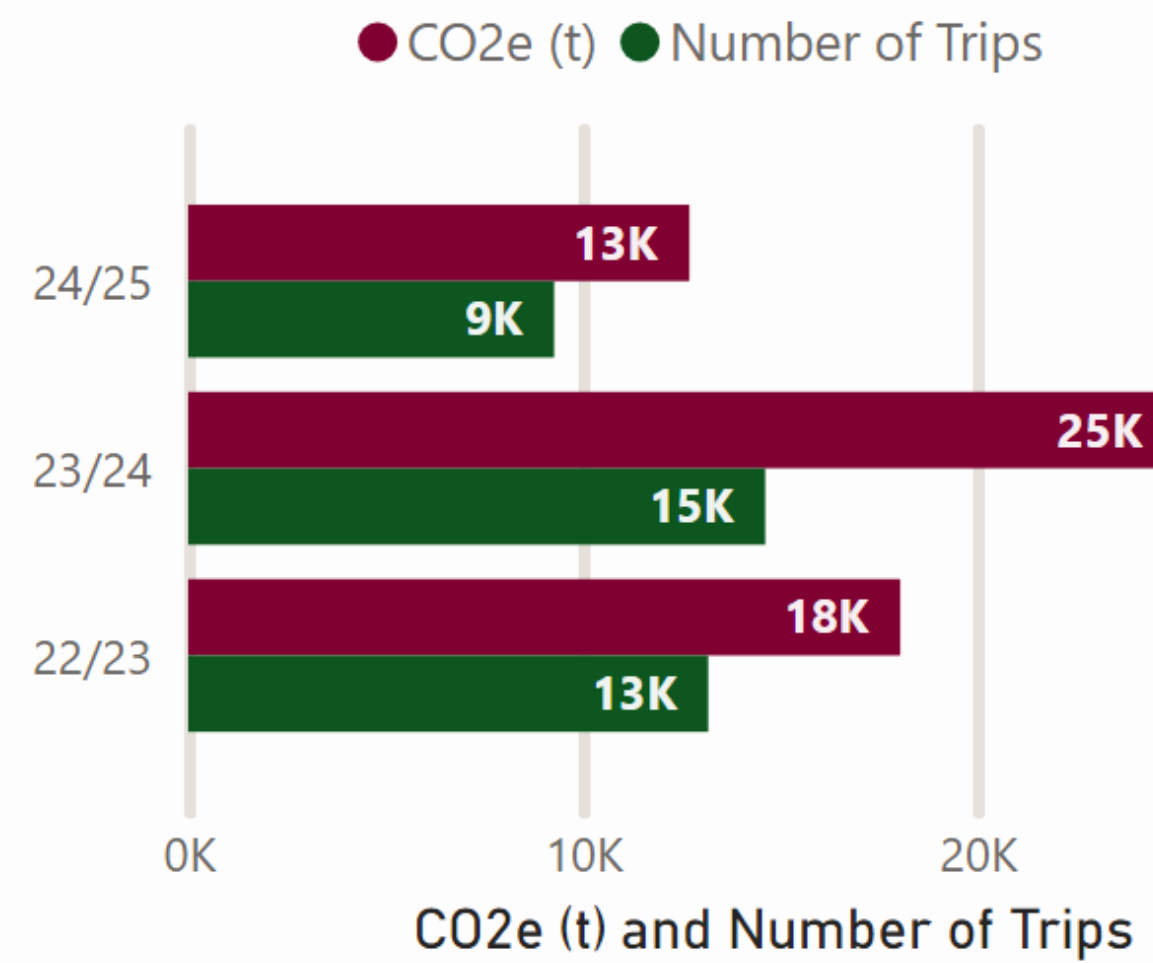
Supplier

All

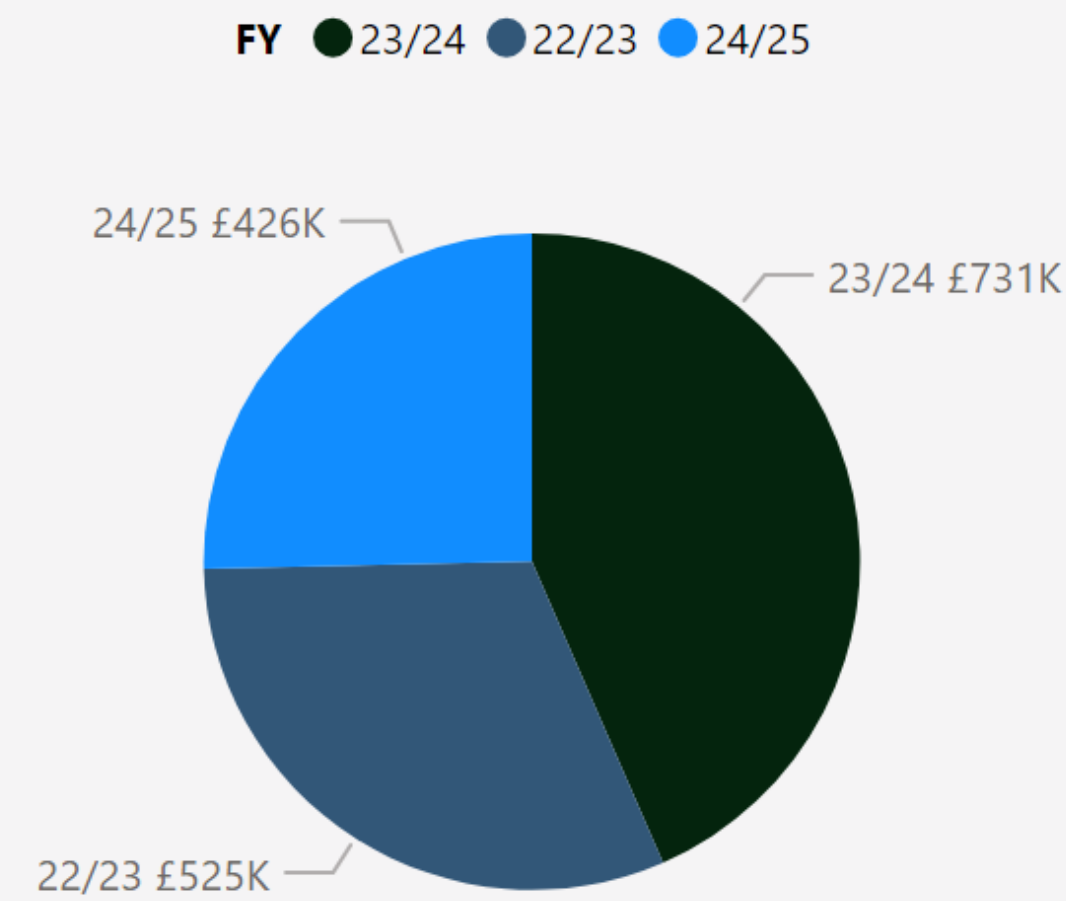
Flights

37100

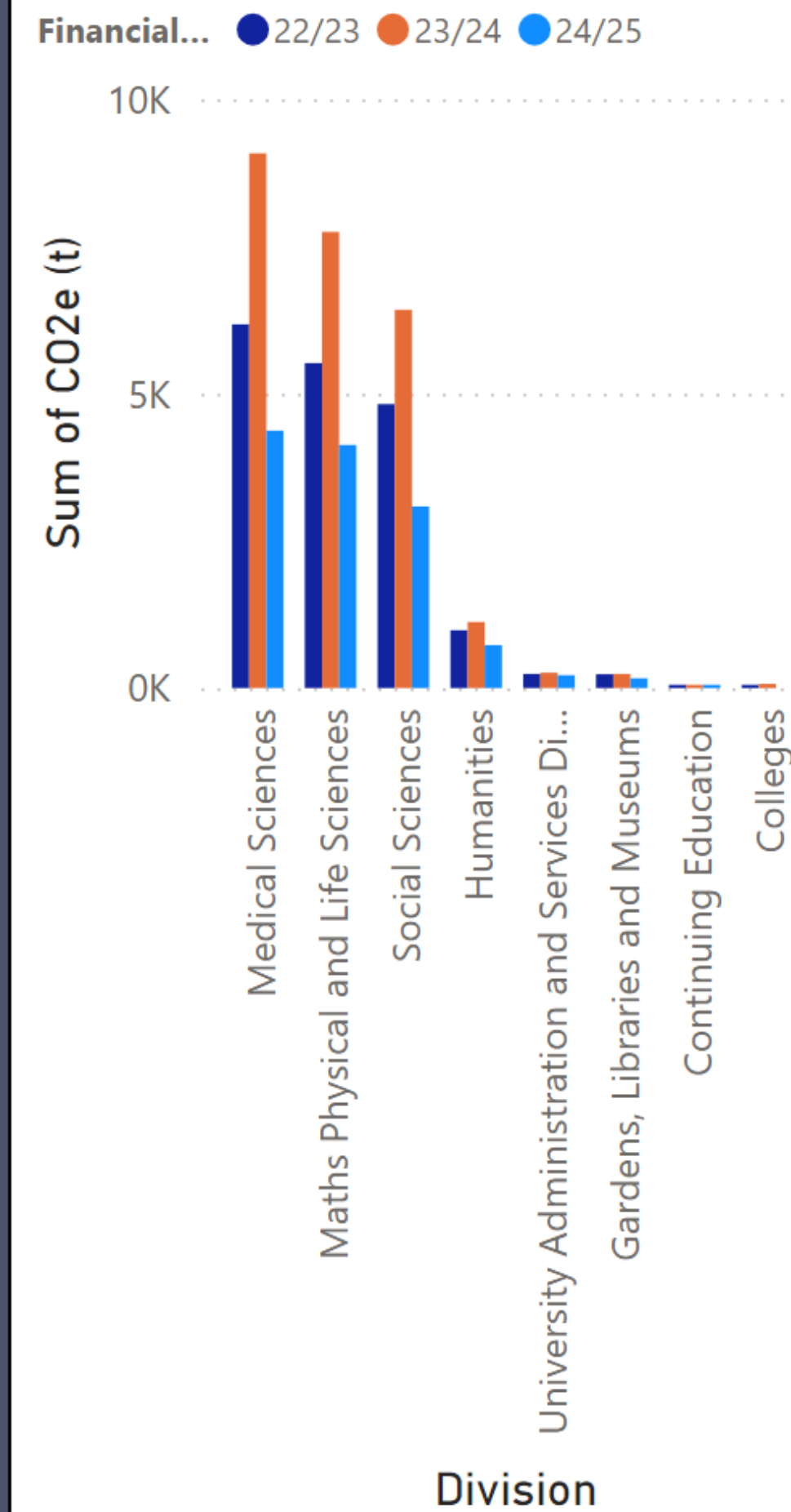
Emissions tCO2e & Number of Trips by  
Financial Year



Flight Levy by financial year



CO2e (t) by Division per year



Total Flight Levy

£1,731,170

Total CO2e (t)

55.75K

Total Distance (km)

281,136,733

Average Flight Levy

£46.66

Total Spend

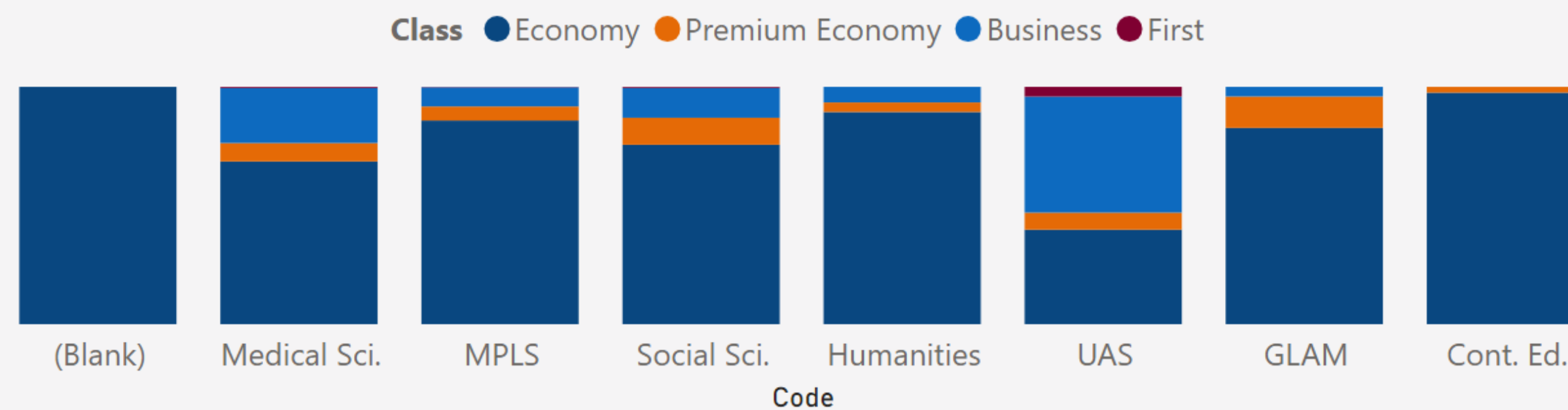
£26.06M

Compliance %

98.16%

Clear all filters

% Share of Divisional Emissions by Class





Financial Year

All

Class

All

Division

All

No

Yes

Supplier

All

Flights

37100

Total Flight Levy

£1,731,170

Total CO2e (t)

55.75K

Total Distance (km)

281,136,733

Average Flight Levy

£46.66

Total Spend

£26.06M

Compliance %

98.16%

Clear all filters

University-wide emissions by haul

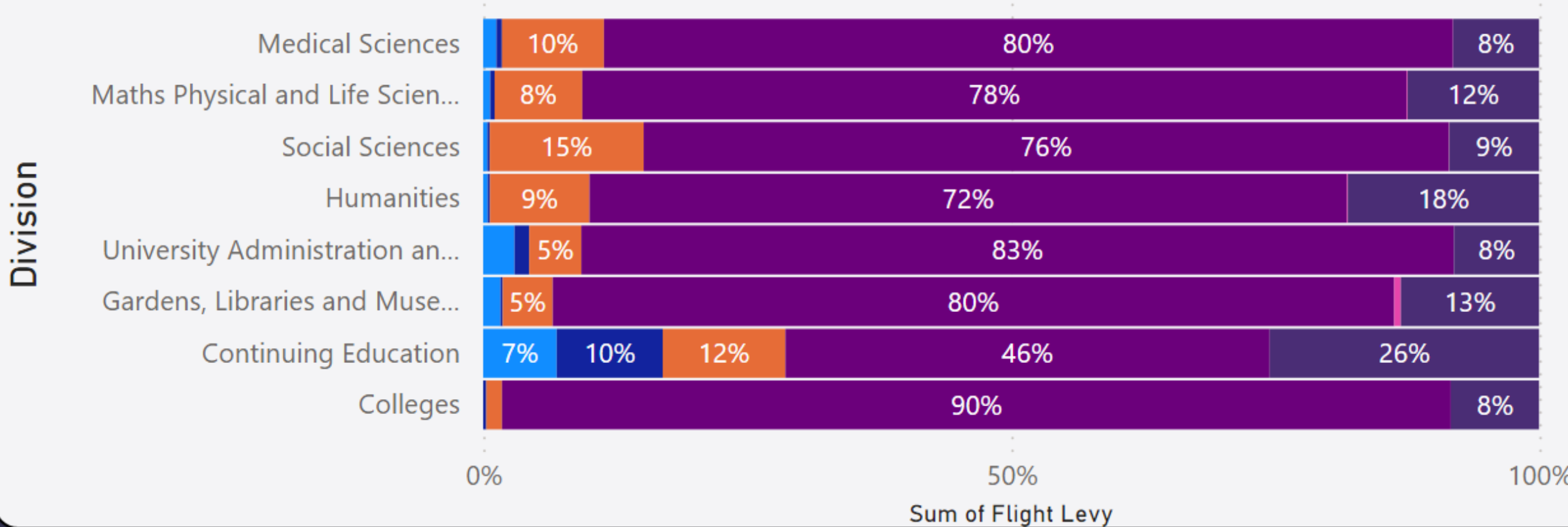
Haul	% CO2e (t)	% flights
	0.94%	1.20%
Domestic	0.43%	2.84%
International	10.28%	16.69%
Long Haul	78.04%	38.90%
Short Haul	10.32%	40.37%
Total	100.00%	100.00%

University-wide emissions by class

Class	% CO2e (t)	% Flights
Economy	76.72%	93.11%
Business	14.94%	3.57%
Premium Economy	7.96%	3.24%
First	0.39%	0.07%
Total	100.00%	100.00%

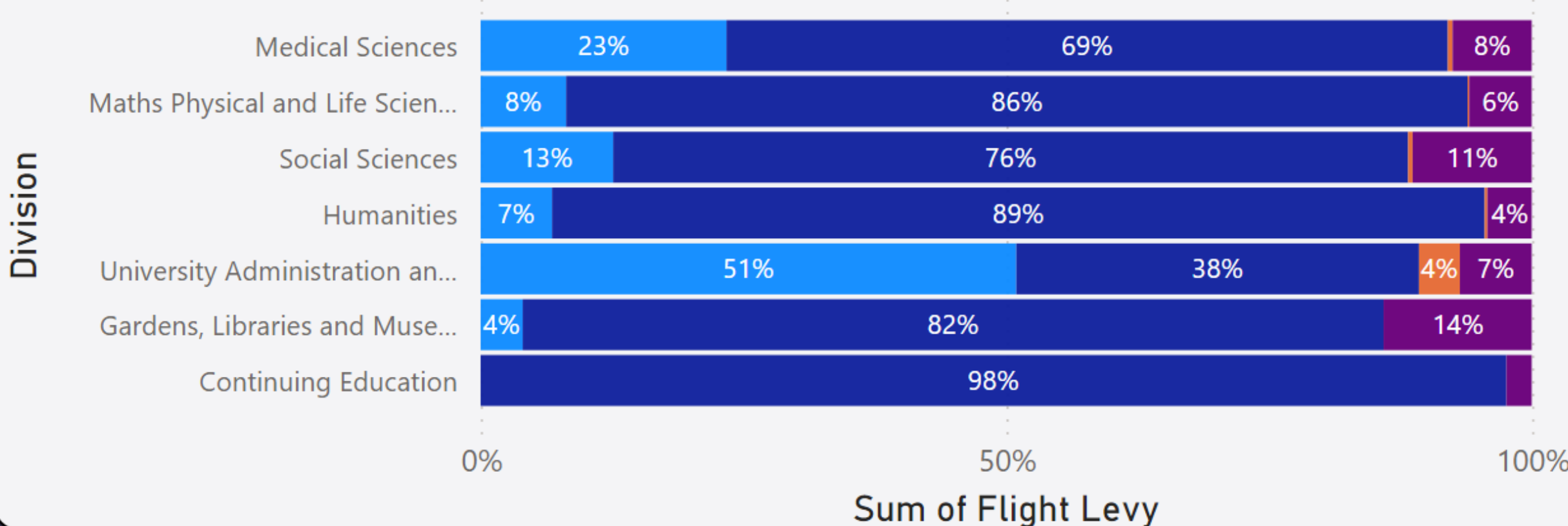
Emissions by Division and Haul

Haul Domestic International Long Haul null Short Haul



Emissions by Division and Class

Class Business Economy First Premium Economy





Financial Year

All

Division

All

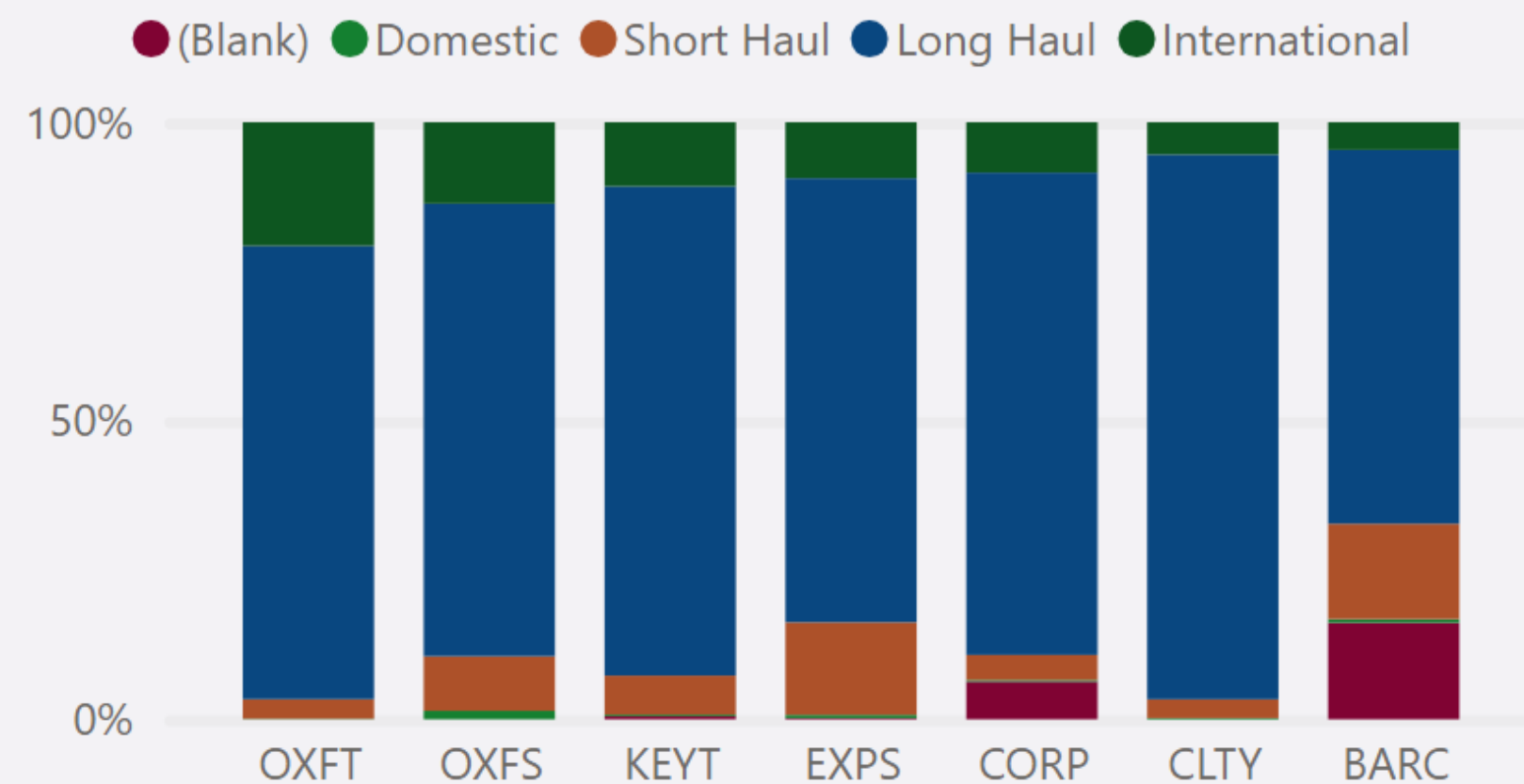
Department

All

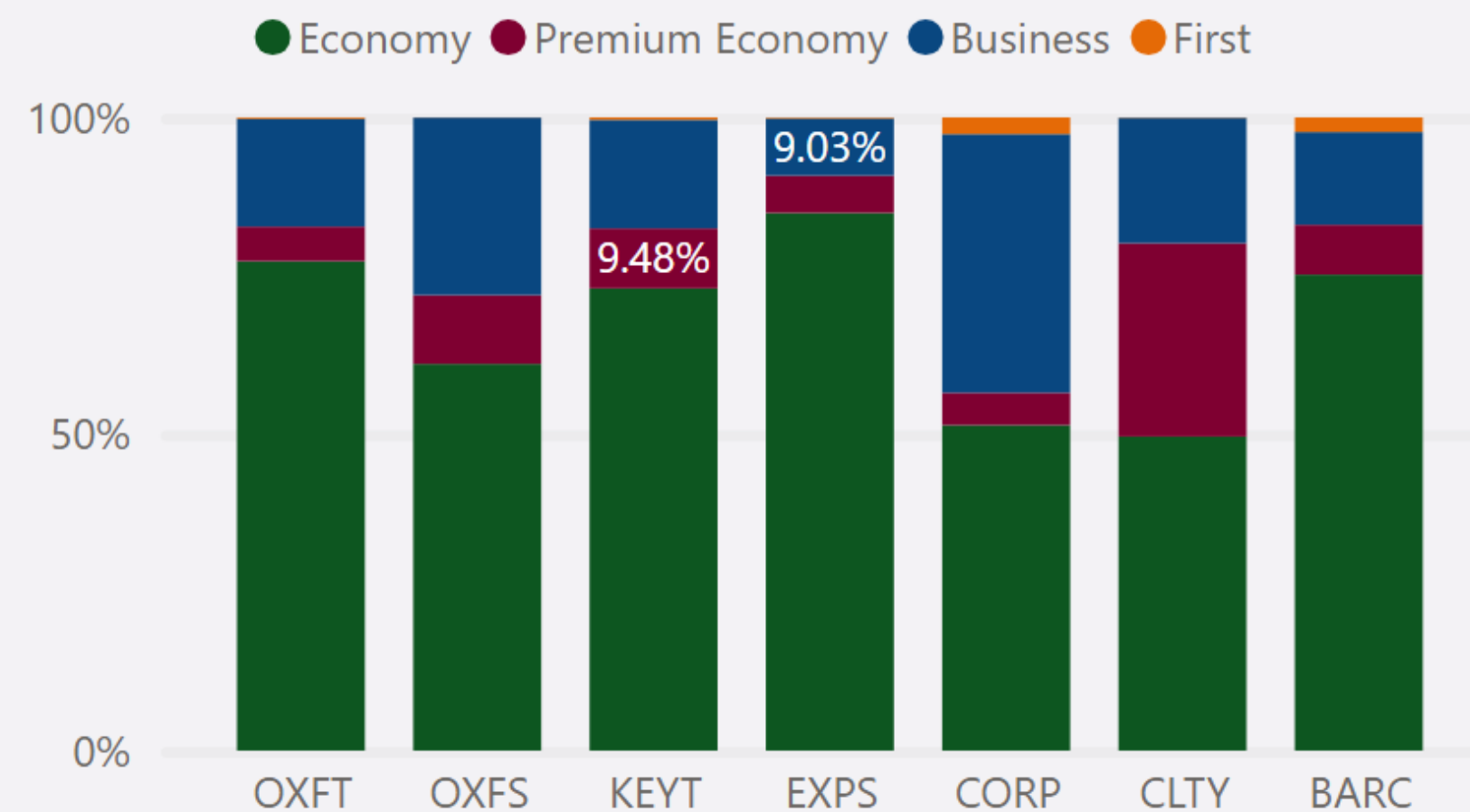
Sub-Department

All

Emissions by Haul & Supplier



Emissions by Class & Supplier



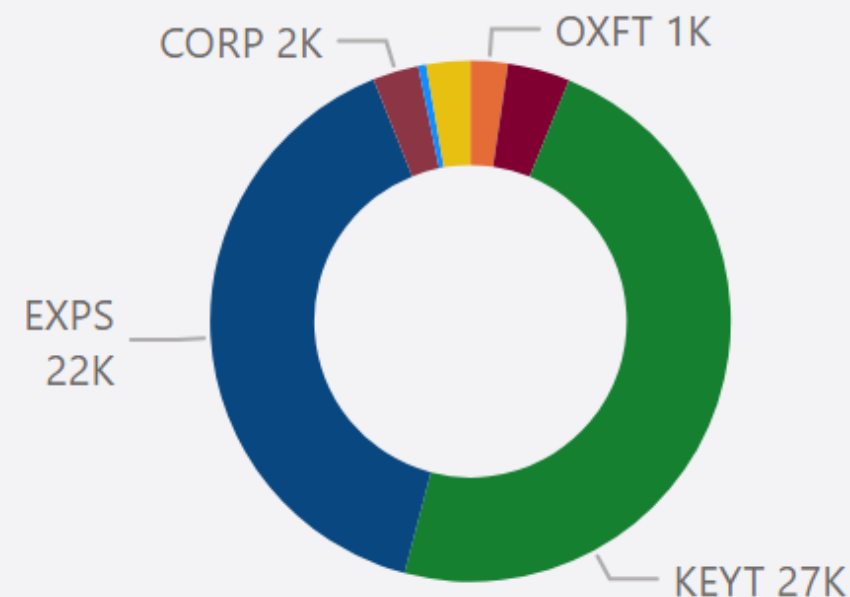
Flights and levy by Supplier

Supplier	Flights	% Flights	Levy	% Levy
EXPS	17896	48%	£666,409	38%
KEYT	15457	42%	£853,306	49%
BARC	1192	3%	£45,577	3%
OXFS	1105	3%	£64,652	4%
CORP	615	2%	£47,717	3%
OXFT	535	1%	£38,744	2%
CLTY	300	1%	£14,766	1%
Summary	37100	100%	£1,731,170	100%

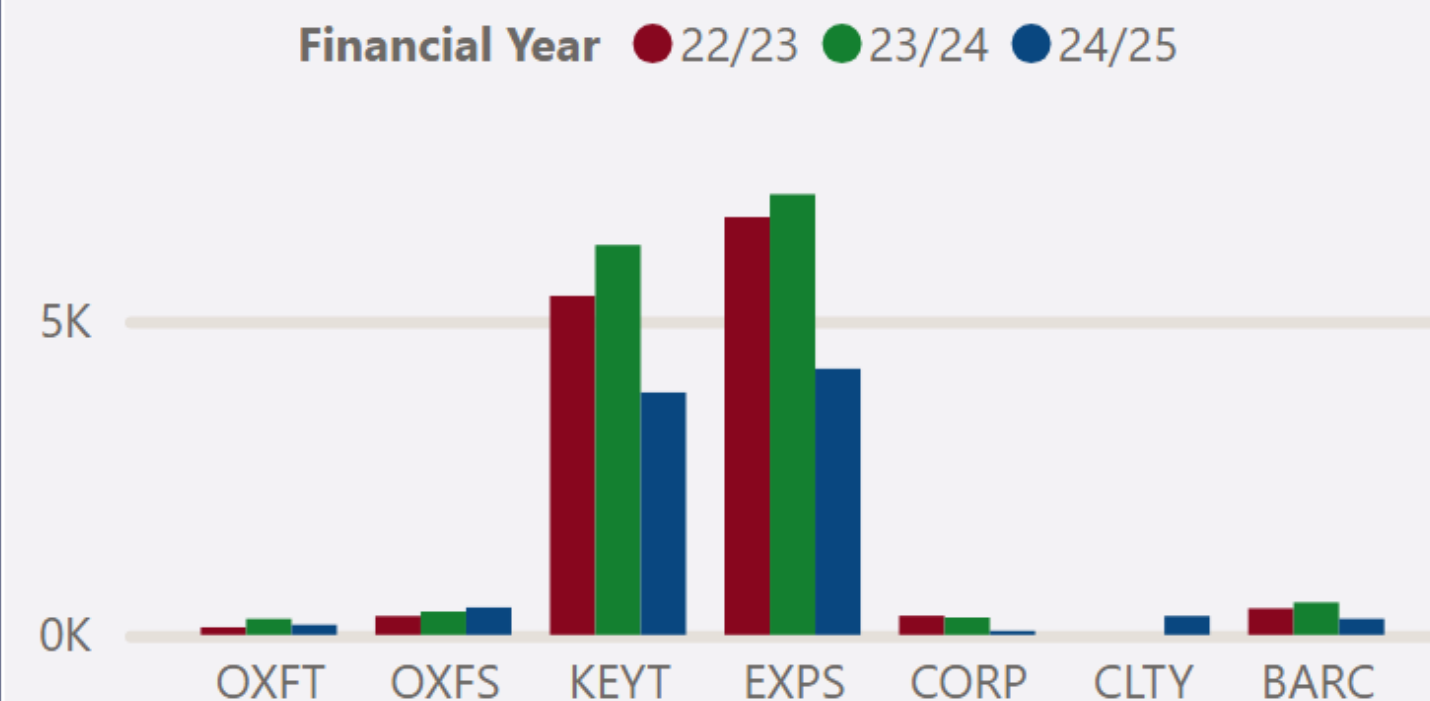
University-wide emissions and flights by Supplier

Supplier	% Flights	% CO2e (t)
KEYT	41.66%	47.90%
EXPS	48.24%	39.84%
OXFS	2.98%	3.87%
CORP	1.66%	2.85%
BARC	3.21%	2.72%
OXFT	1.44%	2.32%
CLTY	0.81%	0.50%
Total	100.00%	100.00%

Emissions by Supplier



Annual flight bookings by Supplier



Class and levy

Class	Flights	% Flights	Average Levy
Economy	34545	93.11%	£38.37
Business	1326	3.57%	£197.38
Premium Economy	1203	3.24%	£114.04
First	26	0.07%	£256.67
Summary	37100	100.00%	£46.66

Clear all filters



## 6. FUTURE DIRECTION FOR THE FLIGHT LEVY?



# FUTURE DIRECTION FOR THE FLIGHT LEVY?

- Adjust charging according to flyer frequency?
- Provide financial support for sustainable travel – choosing train over plane?
- Increase flight levy?
- Carbon budgets for departments?



**THANK YOU**



## **Contact us with any further queries**

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[travel@admin.ox.ac.uk](mailto:travel@admin.ox.ac.uk)

## **More information**

<https://staff.admin.ox.ac.uk/travelling-for-work>

<https://travel.admin.ox.ac.uk/travelling-for-business/flight-levy-recharging>