

Economic Contribution of Civil Aviation (ECCA)



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Economic **Contribution** of **Civil** Aviation

Ripples of prosperity





ECCA



World Bank

ECCA

DRAFT CIRCULAR 292

- Volume I:

**GLOBAL
PERSPECTIVE**

- Volume II:

**ASSESSMENT
METHODOLOGIES**



VOL. I GLOBAL PERSPECTIVE

- Air transport services and economic development
 - ◆ Air travel and international tourism
 - ◆ Air cargo
- Global direct contribution of civil aviation as business sector
 - ◆ Airlines, airports, aerospace & affiliates
- Multiplier effects



Air carriers, other
aircraft operators
& affiliates

Airports,
air navigation
services
& affiliates

Passenger
travel

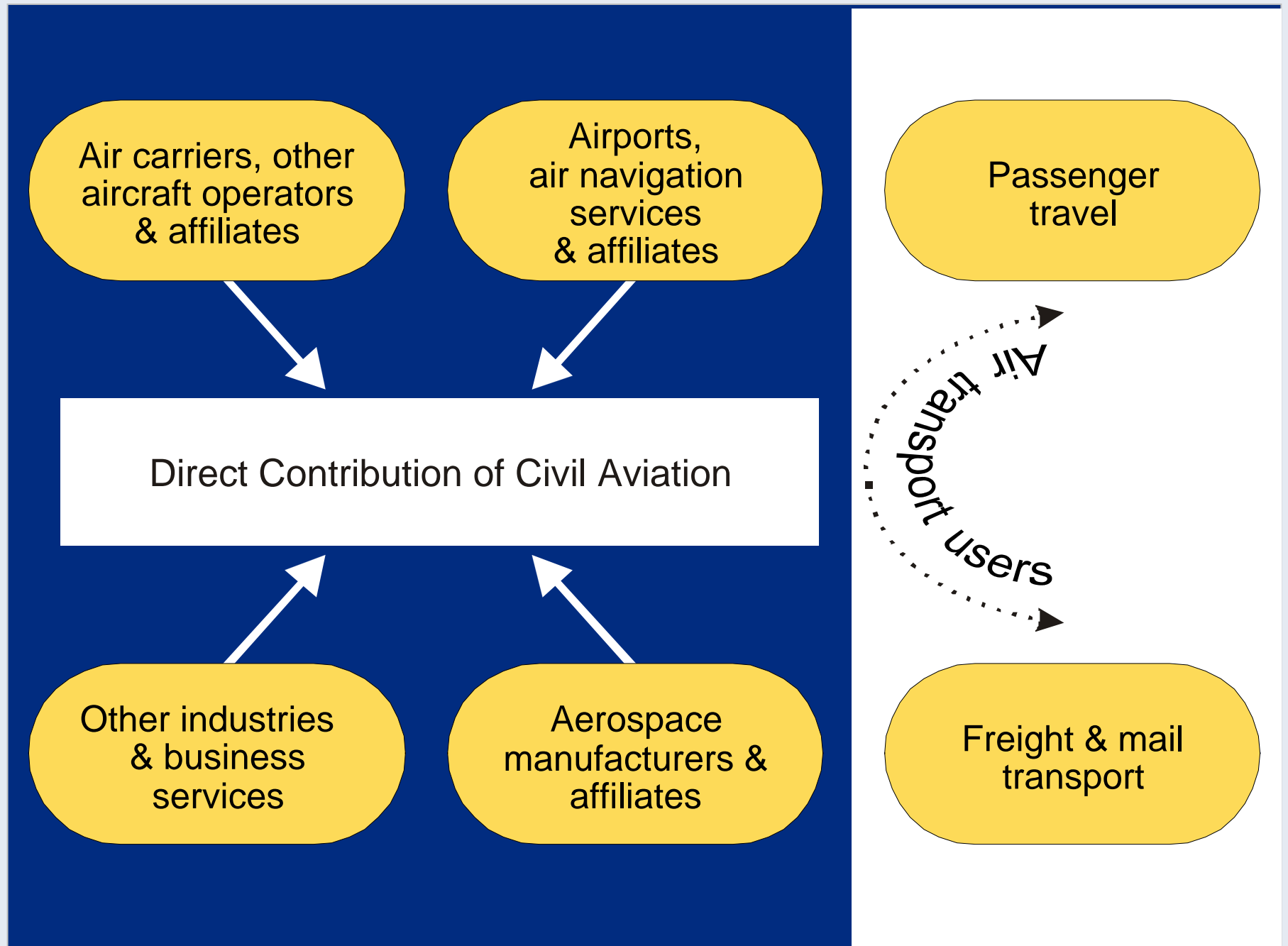
Direct Contribution of Civil Aviation

Other industries
& business
services

Aerospace
manufacturers &
affiliates

Freight & mail
transport

Air transport users



**Direct employment
6 million jobs**

*Air carriers,
other aircraft
operators
& affiliates*

2.3 million jobs

*Airports, air
navigation
services
& affiliates*

1.9 million jobs

*Aerospace
& other
manufacturing
industries*

1.8 million jobs



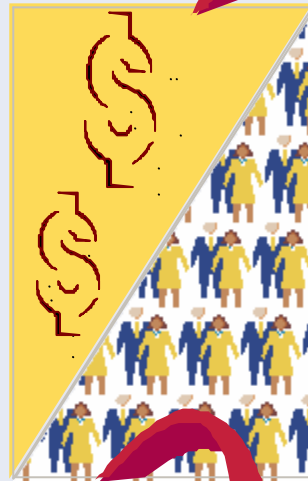
**Direct economic contribution
US \$ 370 billion
1998**

Source: ICAO

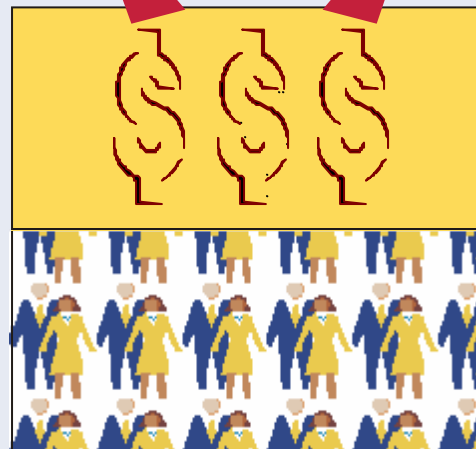
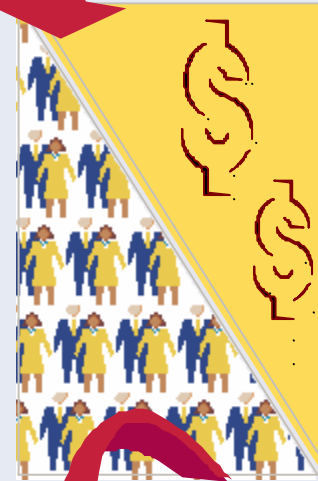
Air Transport

*Tourism and Freight
Business*

DIRECT



CATALYTIC

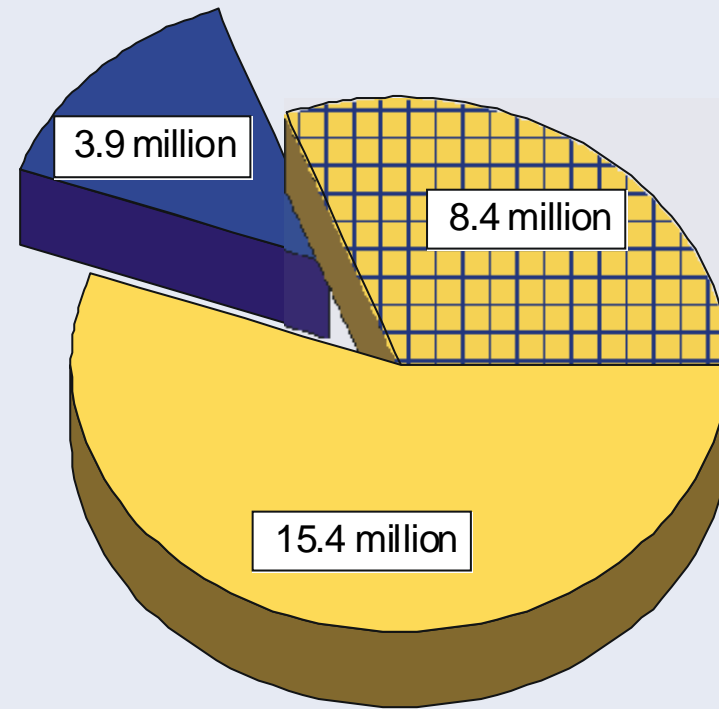
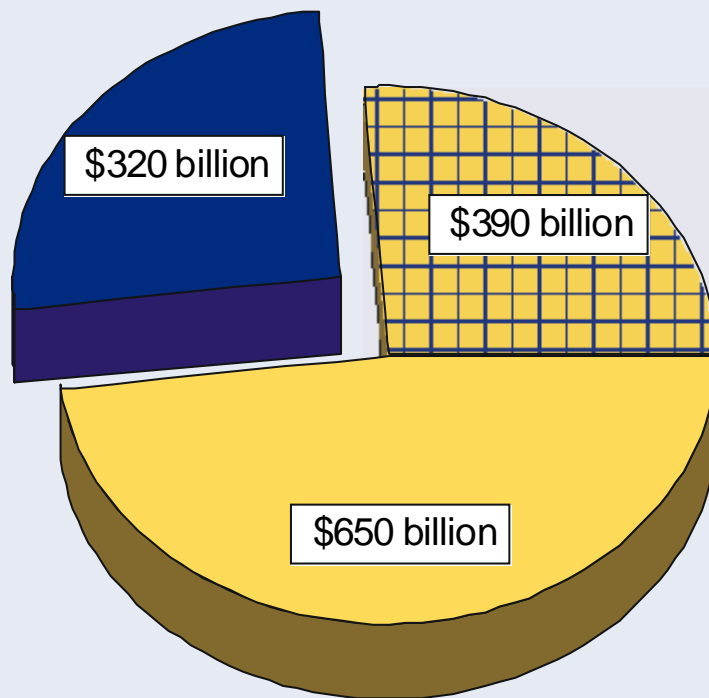


INDIRECT & INDUCED

1998

Economic activity
US \$1 360 billion

Employment
27.7 million jobs



Direct



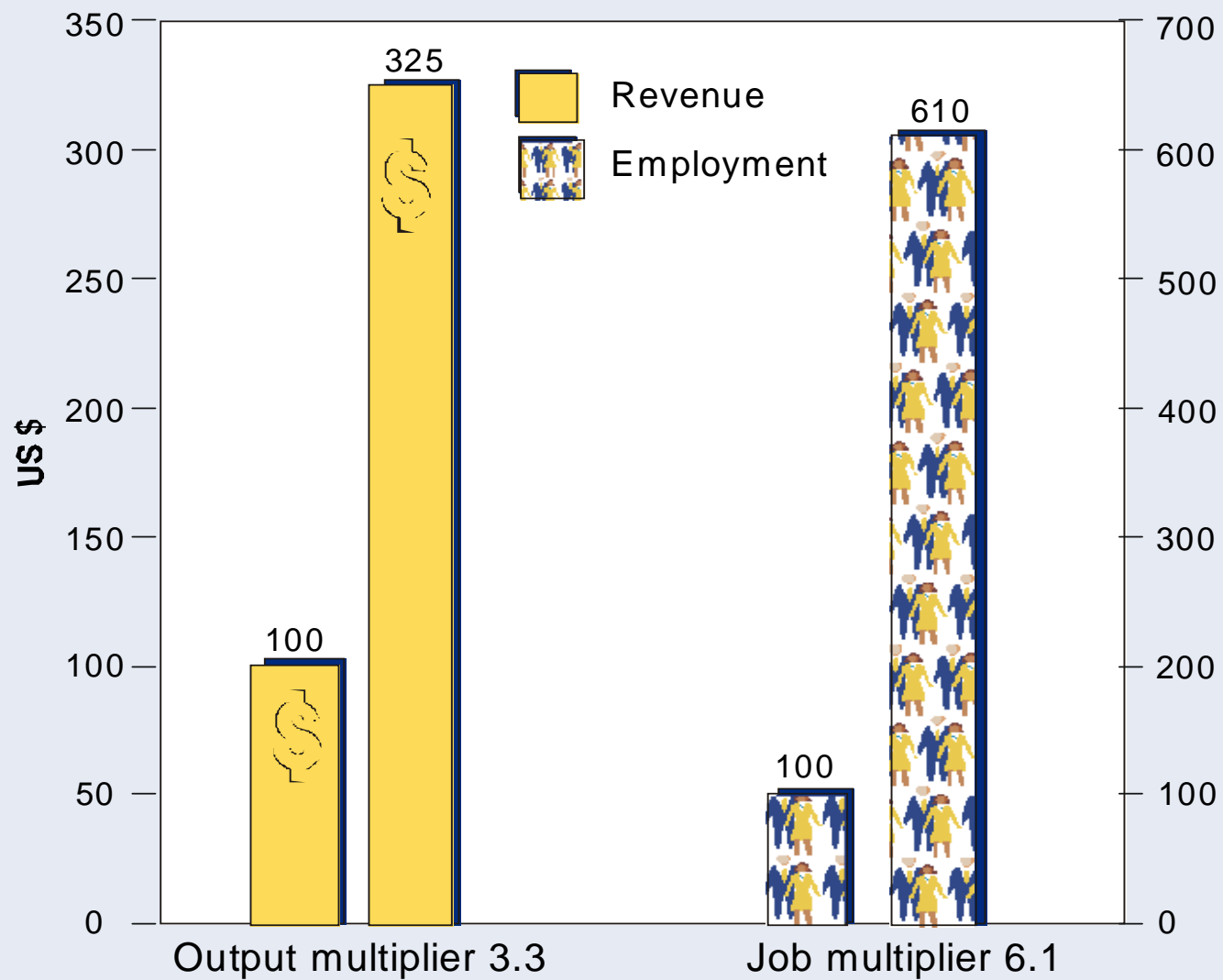
Catalytic



Indirect & Induced

Total Contribution of Air Transport

Source: ATAG

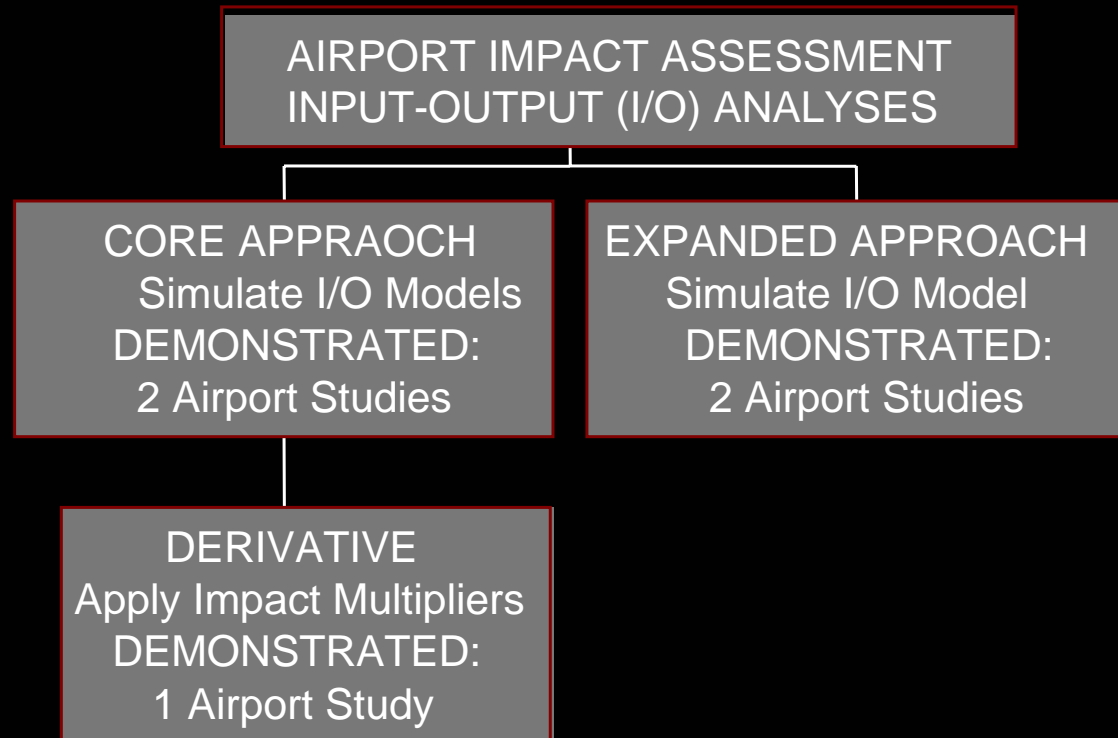


VOL.II ASSESSMENT METHODOLOGIES

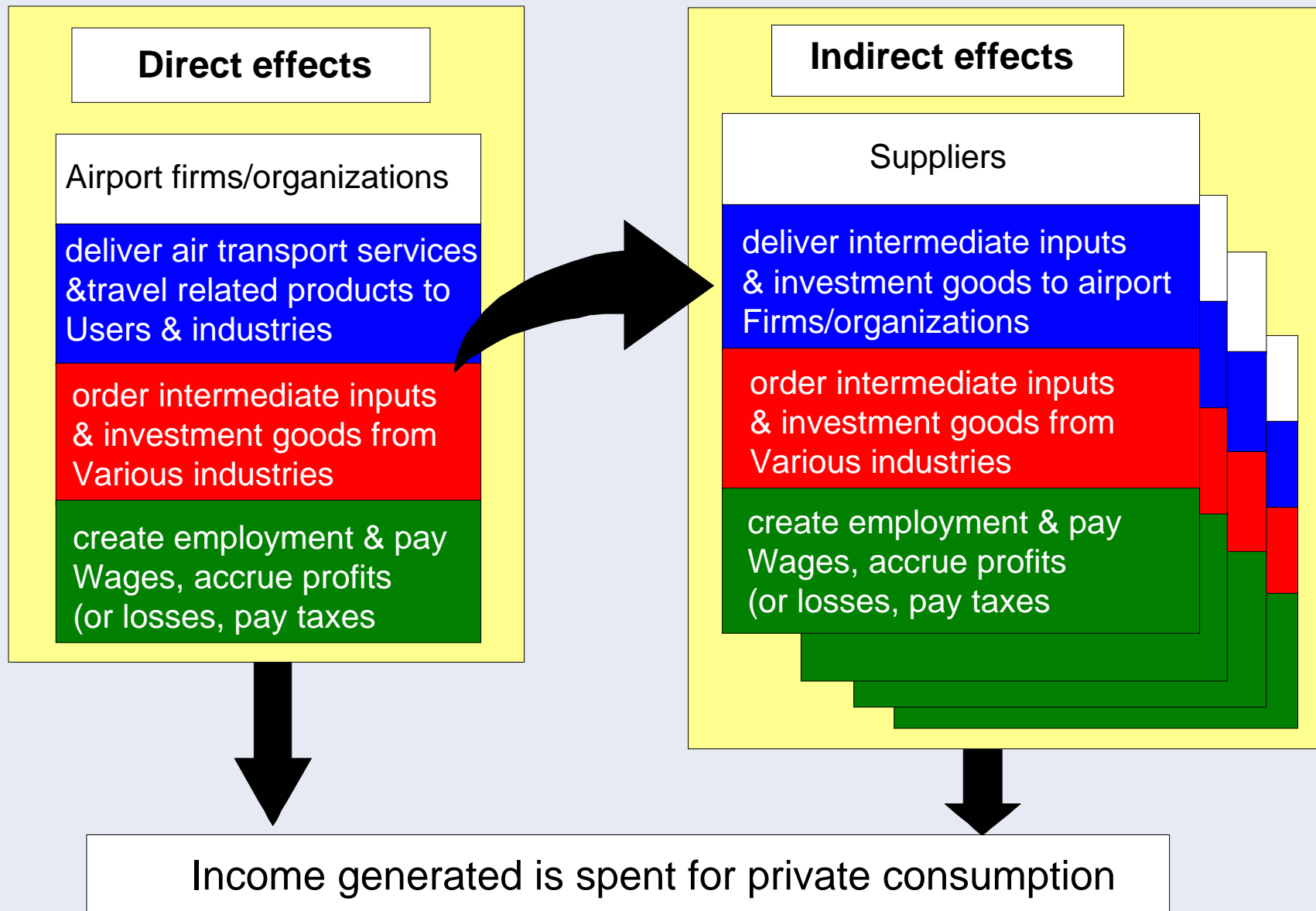
- Develop guidance material on how to assess civil aviation's economic contribution
 - ◆ Regional economy = airport & vicinity
 - ◆ National economy



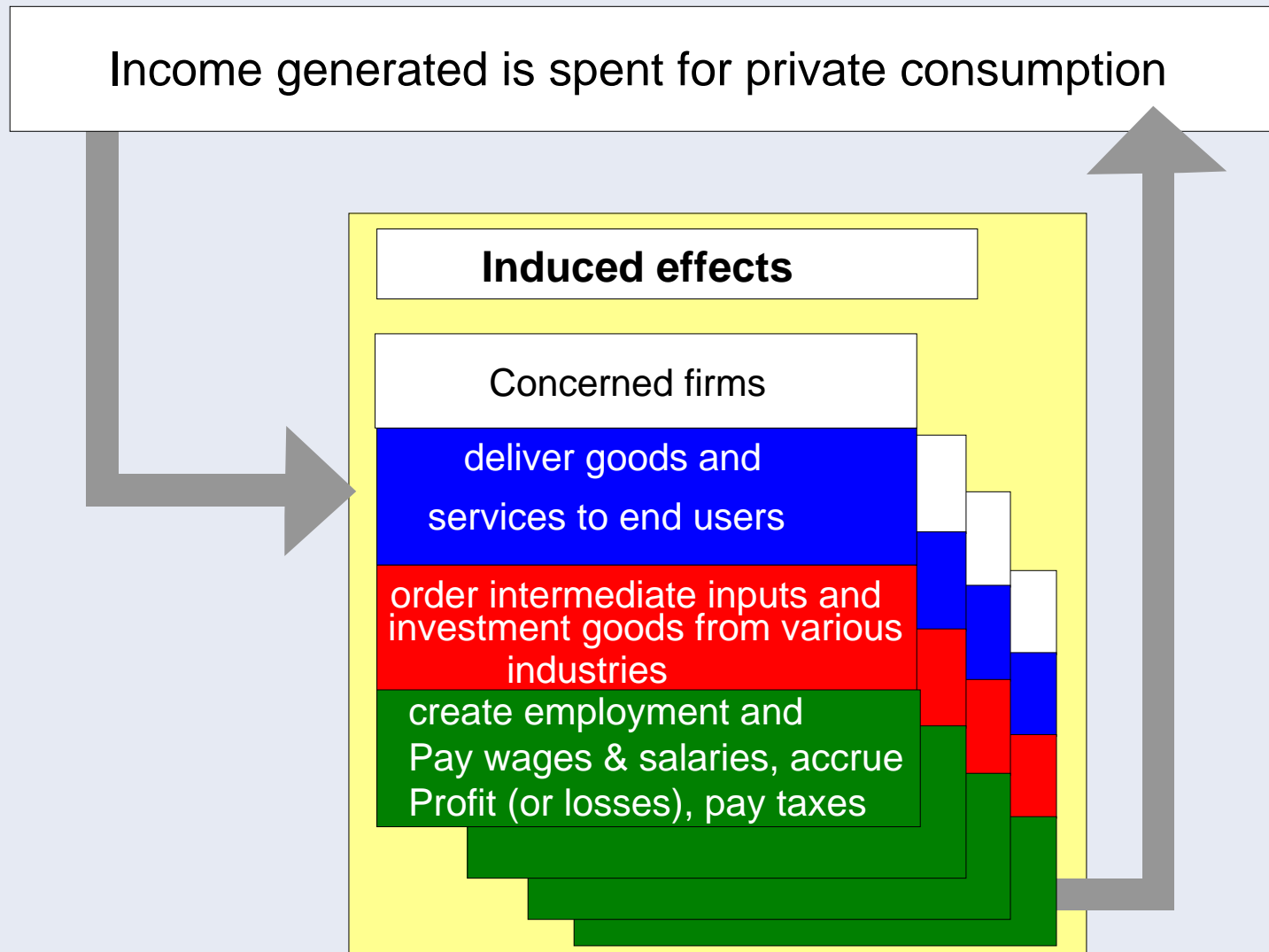
ECCA - REGIONAL ECONOMY



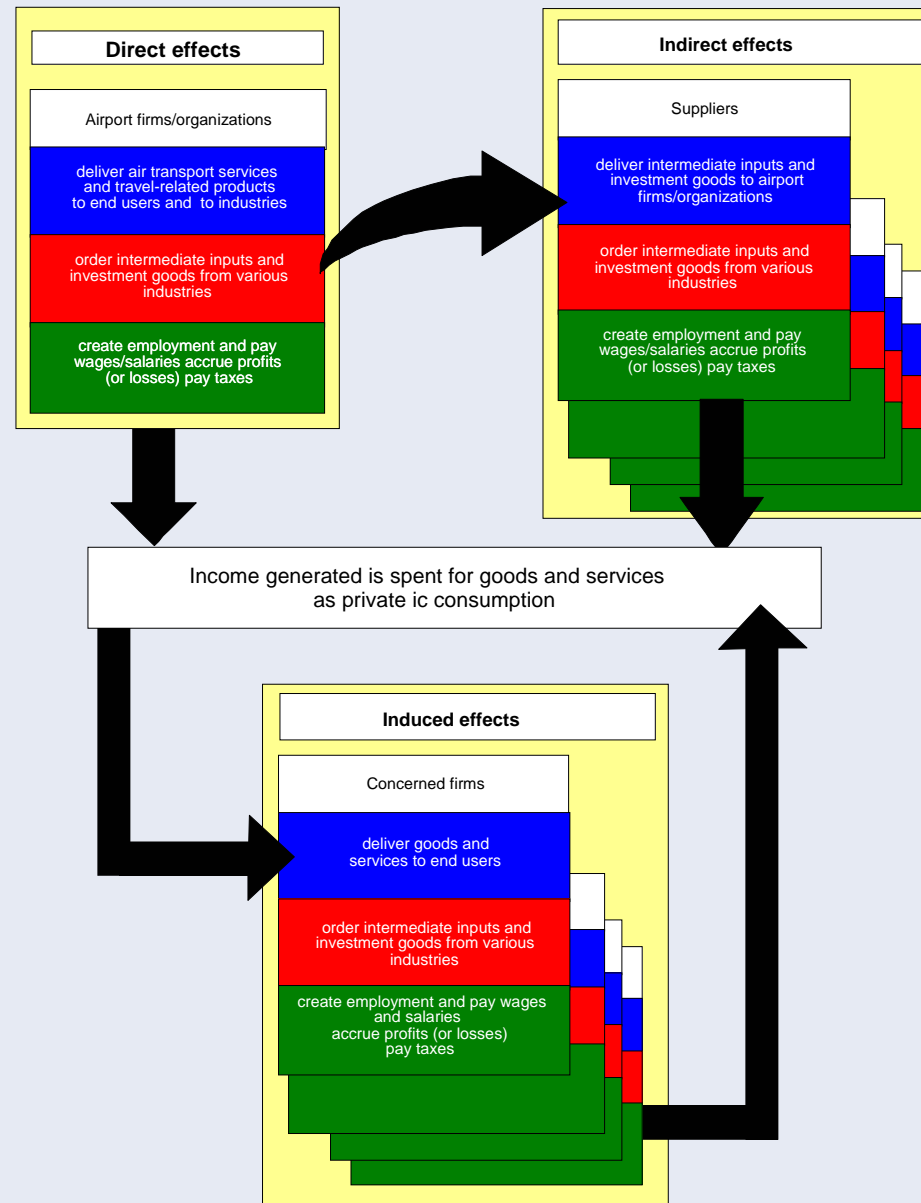
Interface between direct, indirect and induced demand effects (1)



Interface between direct, indirect and induced demand effects (2)

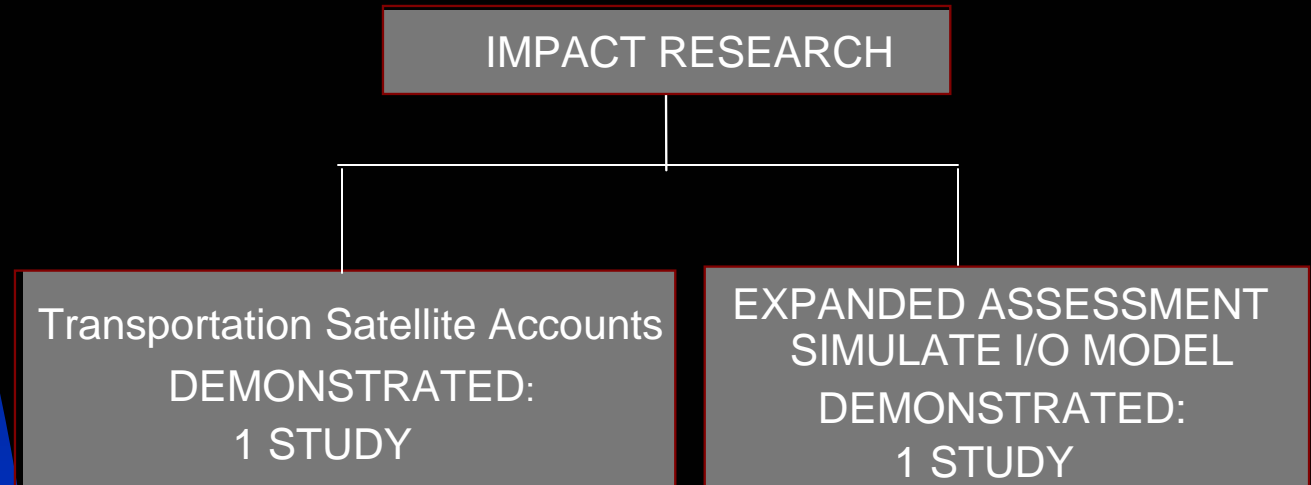


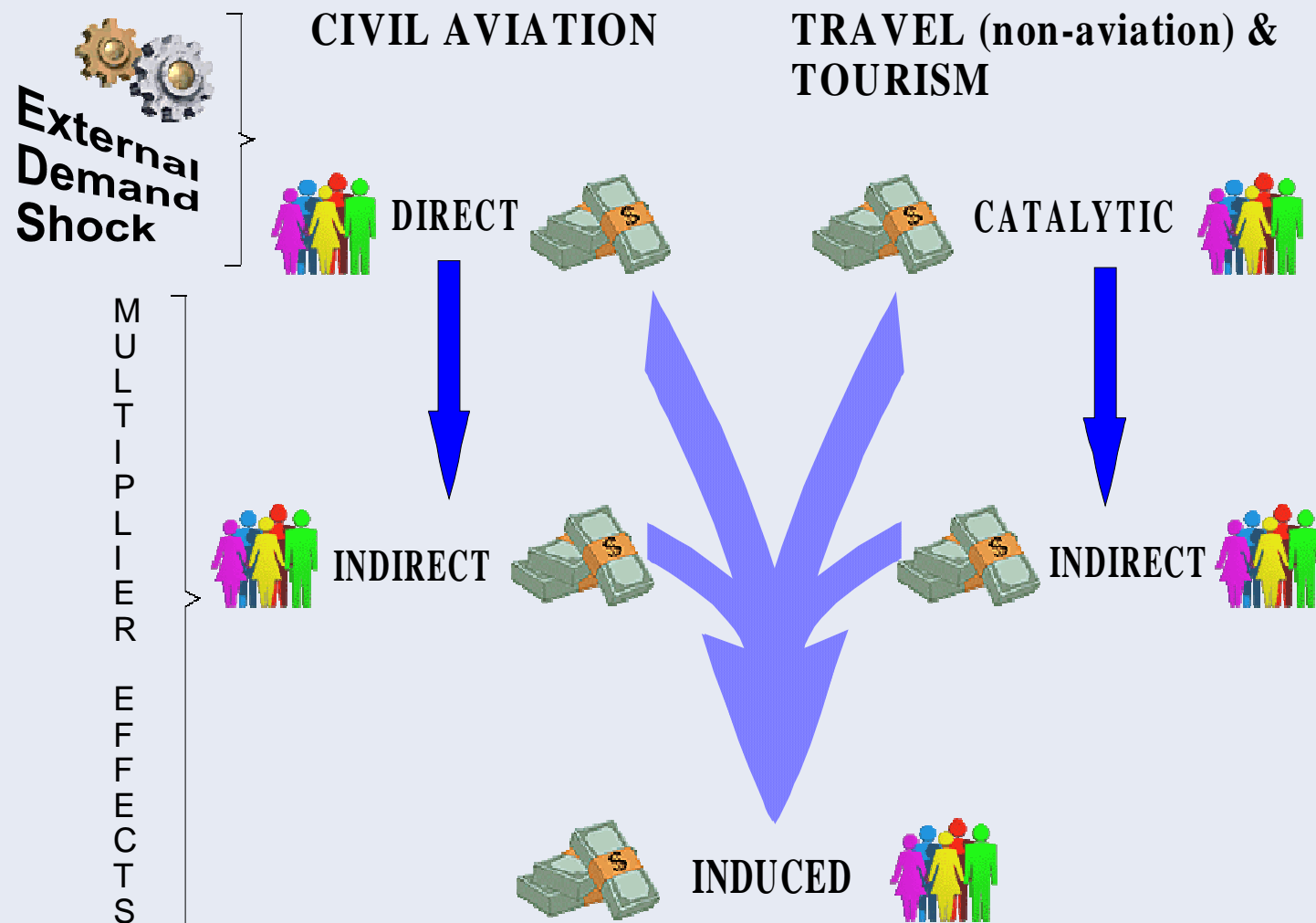
Interface between direct, indirect and induced demand effects (3)



Source: . Flughafengesellschaft (airport corporation), Braunschweig, 2000.

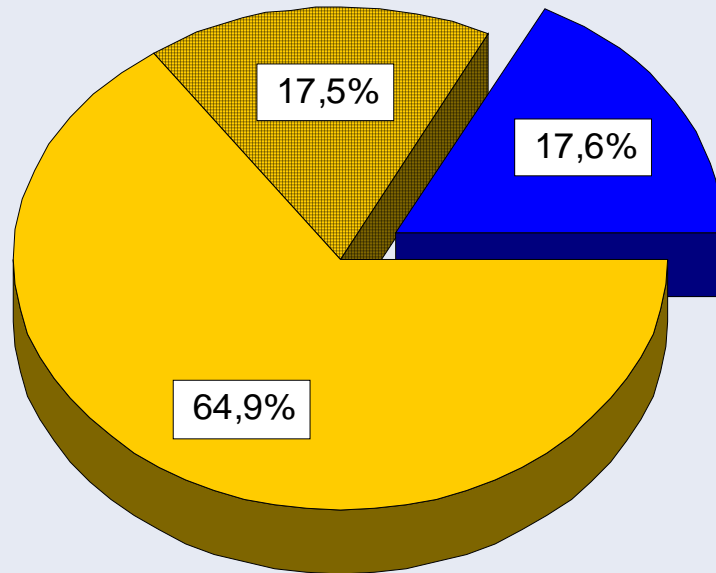
ECCA - NATIONAL ECONOMY



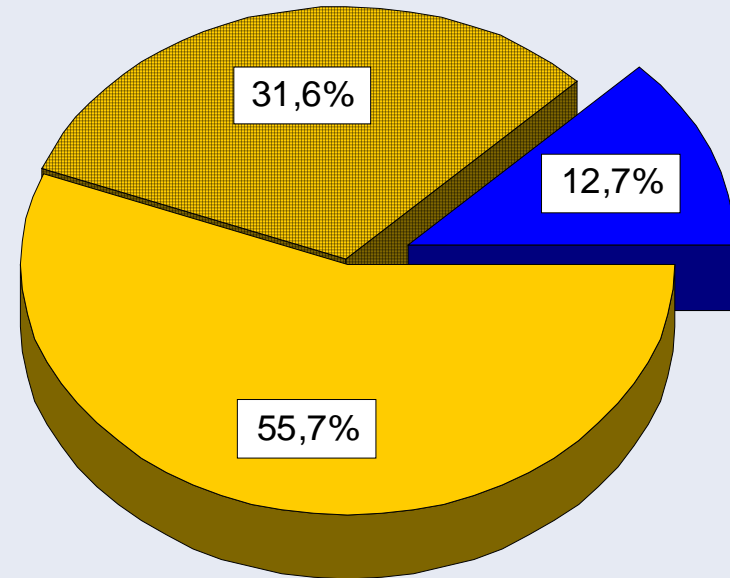


2000

**Output
US \$1008 billion**



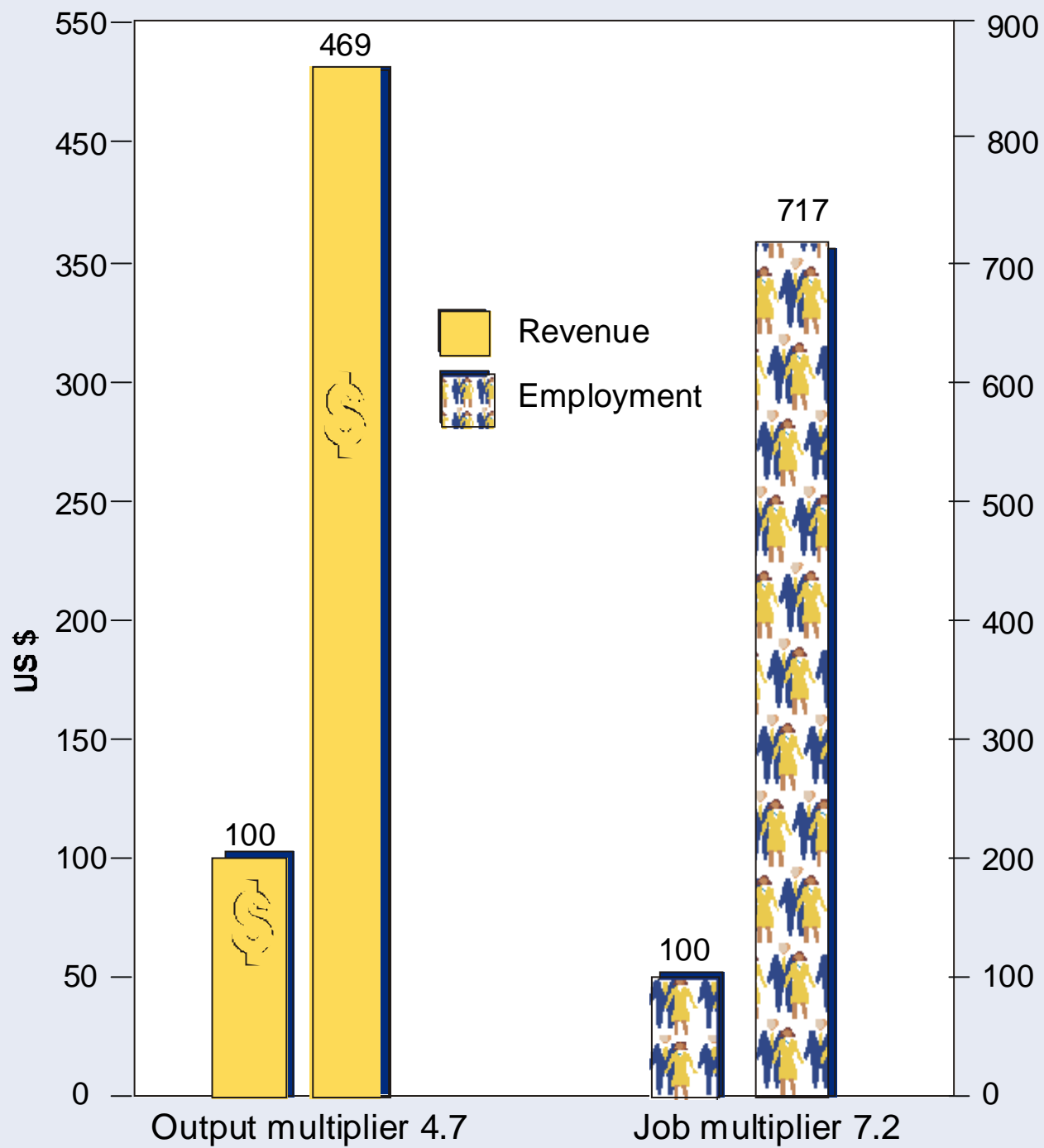
**Employment
10 million jobs**



 **Direct**  **Catalytic**  **Multiplier effects**

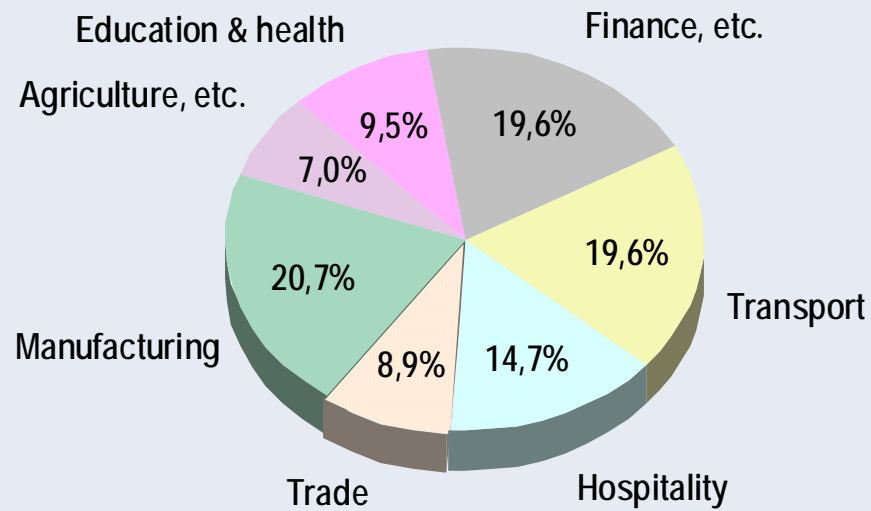
Total contribution of U.S civil aviation

Source: WSA, 2003

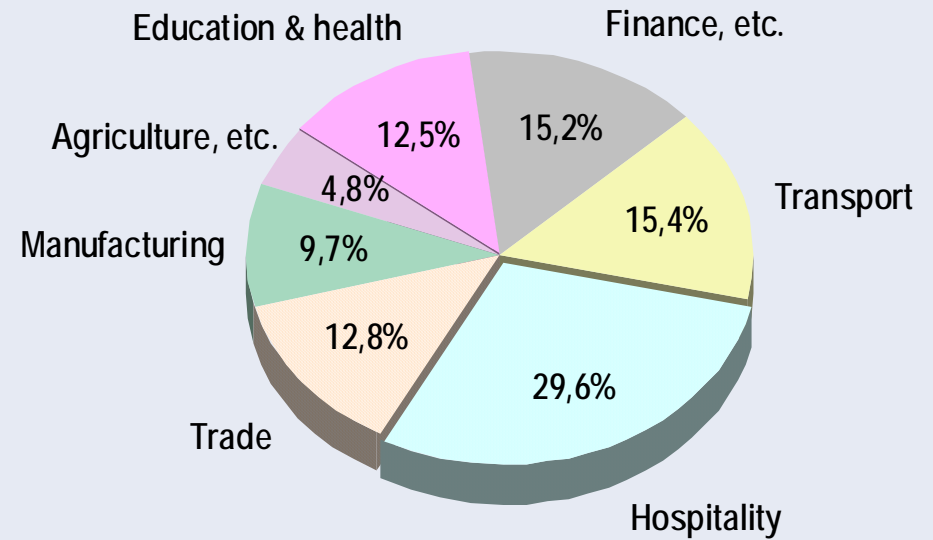


2000

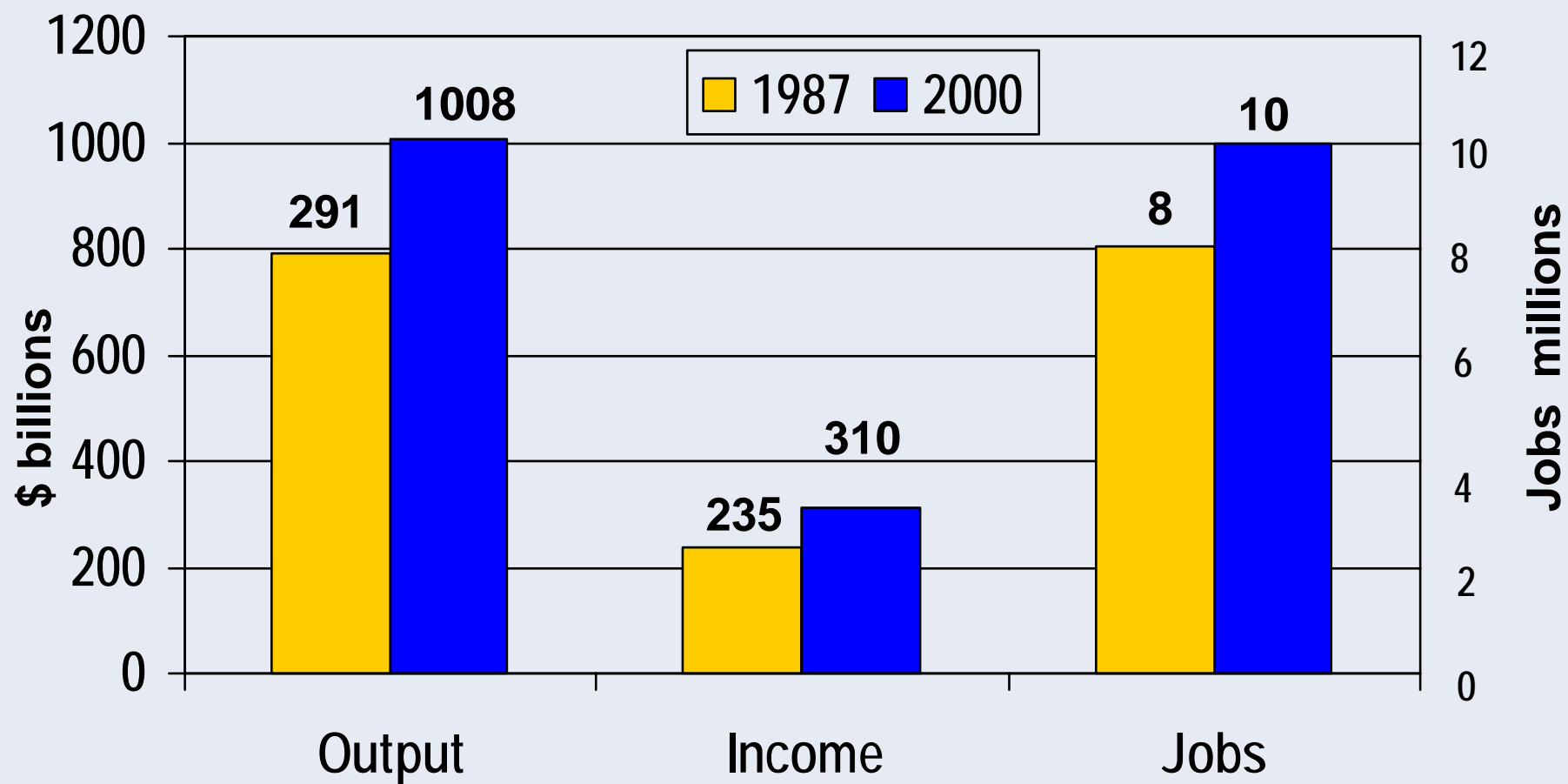
Output
1008 billion US\$



Employment
10 million jobs



Source: Wilbur Smith Associates, 2003.



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IMPLEMENTATION

National & Regional

- ECCA CIRCULAR (publish 2 Volumes)
- FUTURE WORK
 - ◆ Develop training modules on methodologies to be delivered in ICAO regional workshops
 - ◆ Provide technical support to assist Contracting States upon request with implementation of economic impact assessments on cost-recovery basis
 - ◆ Pursue further cooperation with WTO-OMT and other relevant institutions

