## External Quality of Service Monitoring



# Improving the Quality of International Mail

**First Half Year Results 2002** 

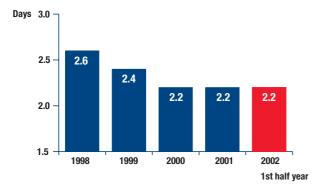
#### UNEX

# **European Postal Service Objectives Exceeded**

Consistent high performance by European Postal Services continued in the first half of 2002, once more exceeding on average the European Union objectives. This achievement is a demonstration of the commitment of the European Postal operators to providing customers with consistently reliable postal service of a high quality.

During the first half of 2002, the UNEX end-to-end performance measurement system results show that 93.9 per cent of first class, intra-European mail was delivered to the final addressee within three days of posting (J+3). This represents an improvement of 9.3 percentage points compared with the same period in 1998, and an increase of 0.8 point compared with the first half of last year. The average delivery time was 2.2 days.

#### Average Delivery Days



European Postal operators continue to perform far above their objectives:

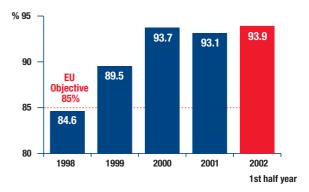
• J+3 performance, the speed indicator, has improved from 69.5% during the first half of 1994, when the UNEX

study started, to 93.9% for the same period in 2002, exceeding the 85%-objective by 8.9 percentage points.

 J+5 performance, the reliability indicator, has also improved over time with 98.9% of all mail reaching its final destination within five days of posting (J+5), exceeding the objective set at 97%.

Along with the level of results achieved on average, the consistency of performance that customers receive on a country-to-country basis is another important element for assessing postal quality of service in Europe: 80 percent of the 306 European country-to-country streams now meet or exceed the 85%-objective, up from a half in 1998, and one third in 1994.

#### **Delivery Performance in J+3**



The high level of overall quality of service is the result of constant efforts made by International Post Corporation's member Postal operators to improve international and domestic operations. Maintaining high service performance for all customers remains the priority.

(See page 4)

# **Europe** | Percentage On Time J+3

First Half Year 2000, 2001, 2002

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Des	tination Co	ountry																	
		AT	BE	DK	FI	FR	DE	GR	IS	ΙE	IT	LU	NL	NO	PT	ES	SE	СН	GB
Origin Country																			
Austria	02		96.7	98.1	92.5	93.9	98.3	67.0	74.7	83.5	86.9	95.6	94.9	88.8	85.9	87.8	95.9	98.7	96.
	01		92.7	97.3	90.1	91.9	97.8	47.5	83.2	70.8	91.7	96.5	96.3	87.9	86.8	81.2	94.9	97.2	92.
	00		96.3	97.0	92.5	91.5	97.5	52.6	74.6	78.8	91.3	97.0	96.8	93.4	89.7	85.9	96.2	99	95.
Belgium	02	92.9		95.5	96.3	94.6	97.2	65.6	79.6	97.3	90.1	97.3	97.1	96.1	94.0	90.0	95.7	94.7	95.
	01	85.6		95.3	95.6	91.4	95.5	46.1	87.1	92.6	90.6	97.2	95.8	93.2	88.6	88.0	95.0	92.8	93.
	00	94.6		94.6	93.1	91.7	96.7	44.4	85.1	91.6	89.3	95.2	93.7	92.8	94.3	89.1	96.4	96.7	95.
Denmark	02	93.9	97.1		97.6	94.5	98.8	73.2	96.9	96.0	91.8	95.9	95.5	97.9	94.1	89.9	99.1	98.0	96.
	01	86.7	95.1		98.5	93.7	97.9	57.3	93.5	90.9	92.9	97.8	97.6	96.5	92.3	87.9	98.0	97.8	95.
	00	96.6	96.2		98.2	90.4	97.0	55.2	96.8	95.9	91.5	97.1	97.3	96.1	96.4	90.6	98.6	98.1	97.
Finland	02	96.6	97.8	98.1		94.4	97.8	66.2	91.0	96.0	87.0	96.0	95.2	97.8	95.2	82.6	99.1	97.0	97.
	01	93.7	94.6	98.7		93.6	98.6	56.4	94.4	91.3	89.6	98.3	97.8	97.5	95.0	82.4	98.7	97.9	95.
	00	95.6	96.2	98.0		89.7	97.1	38.3	86.9	88.3	79.0	92.9	95.9	97.2	86.5	73.6	99.0	98.3	96.
France	02	92.0	96.7	96.9	89.0		97.1	72.1	66.2	91.8	91.4	97.1	96.0	93.4	93.6	88.1	97.1	97.2	95.
	01	94.1	95.5	97.2	92.7		96.8	59.5	73.3	91.3	91.8	97.0	95.5	94.4	93.1	89.5	95.6	95.9	94.
	00	86.2	93.9	95.9	89.8		96.7	53.4	78.5	90.4	88.4	94.0	95.2	89.0	93.2	90.1	93.8	97.0	95.
Germany	02	97.3	97.4	98.9	93.6	97.0		74.5	78.7	94.9	91.4	97.4	98.0	96.7	94.1	85.7	97.3	98.4	97.
•	01	96.1	95.7	97.9	96.7	95.5		61.0	87.4	91.2	93.0	97.8	98.3	96.0	92.2	87.1	95.8	98.3	94.
	00	97.2	97.8	98.5	97.5	93.2		58.3	82.3	94.7	92.3	98.4	97.8	94.1	96.0	88.8	96.9	99.0	95.
Greece	02	79.7	86.8	91.5	83.2	89.7	89.0		78.3	80.8	76.9	87.6	84.2	84.5	76.9	80.8	83.5	82.9	86.
	01	76.7	87.7	91.3	67.0	90.8	90.6		64.5	69.5	85.8	88.9	88.9	81.2	78.7	73.3	83.2	85.8	87.
	00	86.0	79.6	90.5	75.4	77.6	88.5		56.1	71.0	75.0	78.6	85.4	76.3	93.0	67.3	83.4	90.9	84.
Iceland	02	72.3	87.8	98.5	89.5	93.3	93.5	39.8		88.2	80.8	66.7	91.0	96.6	90.4	75.9	98.4	88.0	96.
	01	67.8	78.9	98.0	85.8	82.4	90.3	31.1		71.4	81.9	77.2	85.3	94.5	76.9	66.7	97.2	83.8	86.
	00	76.7	84.9	98.0	92.6	84.7	93.8	29.4		84.8	74.6	84.8	87.8	98.6	70.9	72.0	97.9	90.9	91.
Ireland	02	78.7	93.8	95.2	86.1	93.7	97.3	52.7	85.7		90.2	93.9	94.9	93.5	81.7	80.3	93.5	92.7	96.
Ireland	01	70.4	88.1	96.1	82.5	90.8	91.6	37.5	80.8		85.9	87.8	91.8	87.5	80.8	72.9	90.3	90.7	91.
	00	79.1	94.4	94.0	91.2	92.4	95.8	47.7	82.8		91.0	92.0	95.1	92.6	94.8	82.2	97.3	89.7	96.
Italy	02	89.2	92.7	93.6	88.9	91.8	94.6	71.5	80.0	87.2		85.1	91.4	87.8	92.2	85.8	92.1	93.3	93.
Italy	01	89.3	91.2	93.4	81.1	90.6	92.7	54.5	69.8	81.7		89.2	89.2	81.0	89.6	83.0	88.9	94.3	90.
	00	90.1	93.9	91.0	80.3	89.5	94.4	50.3	63.6	82.8		86.6	92.2	89.0	86.9	87.1	90.3	96.0	94.
Luxemboura	02	90.7	97.9	96.6	90.7	96.5	99.0	70.0	80.5	93.4	82.1		92.2	87.0	95.5	78.5	91.8	97.1	97.
	01	91.1	96.1	98.0	95.5	96.7	98.9	43.2	89.2	88.8	93.1		97.2	91.6	92.0	89.1	96.4	96.4	95.
	00	94.0	96.8	96.5	93.7	94.5	96.8	41.3	86.5	85.9	89.8		95.5	93.0	92.4	88.5	94.9	98.4	96.
Netherlands	02	88.9	96.4	95.6	93.3	90.1	93.7	61.3	65.5	93.5	91.1	91.3		91.2	90.5	83.8	96.0	94.7	95.
Tetronando	01	94.1	95.6	97.1	94.4	90.3	95.7	57.7	83.5	88.8	93.3	95.8		95.5	93.5	88.4	97.0	96.2	95.
	00	94.7	95.5	98.0	98.0	91.5	91.4	52.8	68.9	94.1	86.0	92.5		92.8	93.5	88.5	96.0	96.5	94.
Norway	02	93.2	96.1	98.2	96.5	97.6	97.7	69.4	97.0	94.4	89.7	95.2	96.1	02.0	95.4	91.2	98.3	97.0	98.
Norway	01	87.8	94.3	97.6	96.9	94.8	95.3	57.2	94.8	85.6	88.8	94.2	96.9		91.5	86.3	97.2	96.6	93.
	00	92.9	96.7	97.7	96.3	90.1	94.3	49.5	89.6	90.4	76.9	89.3	93.2		93.5	86.6	95.9	96.3	96.
Portugal	02	74.2	97.0	95.8	81.9	96.7	96.9	46.1	72.1	77.7	94.4	93.6	94.8	89.6	03.0	91.9	96.3	97.5	96.
. Ji tagui	01	72.5	93.7	97.9	89.3	94.3	95.3	43.5	78.6	73.9	91.9	95.0	94.2	83.3		89.4	91.5	96.0	92.
	00	83.8	95.6	97.3	90.3	92.0	95.2	41.7	79.7	81.7	87.1	91.2	98.9	90.0		89.1	98.7	95.7	96.
Spain	02	84.7	92.0	90.5	83.7	93.2	93.3	60.1	62.6	87.5	86.3	84.0	91.2	82.8	93.7	30.1	89.4	94.4	93.
Greece celand	01	80.2	89.1	93.1	73.3	90.8	92.5	45.8	49.0	77.5	89.0	81.7	92.8	82.9	91.0		89.2	92.0	89.
	00	85.9	93.8	96.0	83.3	89.4	93.4	37.9	46.0	86.3	76.2	79.2	93.8	84.5	94.9		92.3	96.3	94.
Sweden	02	96.2	96.0	98.0	98.0	94.4	96.2	56.9	95.7	93.1	87.8	98.2	95.9	96.9	94.9	87.9	32.3	97.9	96.
OWOUGH	01	94.4	94.7	98.2	97.5	94.4	96.2	50.6	95.2	88.4	93.1	97.1	96.2	95.6	92.4	87.2		97.9	95.
	00	96.2	96.9	97.1	97.5	92.3	92.9	48.2	94.8	90.9	84.3	92.8	95.9	96.3	89.9	89.4		97.2	93.
 Switzerland	02	96.4	97.6	98.0	97.4	95.5	99.1	74.7	85.6	96.8	92.9	97.6	98.0	97.1	96.5	90.0	98.7	87.8	98.
OWILEGIANU																			
	01	96.8	97.0	98.2	97.5	95.6	98.2	60.2	91.7	91.7	95.6	98.7	97.8	98.2	95.7	90.8	99.3		96.
United Vincelor	00	97.4	95.8	99.1	98.7	95.2	97.7	62.1	83.4	93.4	91.3	96.9	95.8	96.8	96.8	89.6	99.0	00.0	98.
United Kingdom	02	85.0	95.1	92.3	87.8	91.5	94.1	61.1	83.1	92.7	84.1	89.3	90.4	90.9	87.9	79.9	91.2	92.8	
	01	85.5	92.8	96.1	92.1	88.7	93.8	48.7	86.6	91.0	88.0	90.7	90.2	91.0	83.2	85.2	92.6	92.1	
	00	90.1	96.0	96.7	96.1	92.2	96.5	48.2	91.4	96.3	91.3	93.9	93.5	94.5	92.1	89.0	95.6	96.3	



## **Europe | Average Delivery Days**

					First Half Year 2002									ΝE	X			
Desti	nation Co	,																
	AT	BE	DK	FI	FR	DE	GR	IS	ΙE	IT	LU	NL	NO	PT	ES	SE	CH	GB
Origin Country																		
Austria		2.1	1.9	2.4	2.3	1.9	3.3	3.2	2.6	2.6	2.1	2.2	2.4	2.6	2.5	2.1	1.9	2.1
Belgium	2.3		2.1	2.3	2.2	2.0	3.2	2.8	2.1	2.4	2.0	2.1	2.1	2.2	2.4	2.1	2.2	2.2
Denmark	2.2	2.1		2.1	2.1	1.9	2.9	2.1	2.1	2.3	2.2	2.1	2.0	2.1	2.2	1.8	2.0	2.0
Finland	2.2	2.2	2.0		2.2	2.0	3.3	2.4	2.1	2.5	2.3	2.2	2.0	2.1	2.7	1.9	2.0	2.0
France	2.2	2.1	2.0	2.5		2.0	3.1	3.2	2.3	2.2	2.0	2.1	2.3	2.2	2.4	2.0	2.0	2.1
Germany	2.0	2.0	1.9	2.3	2.0		3.1	2.8	2.2	2.3	2.0	2.0	2.1	2.3	2.5	2.0	1.9	2.0
Greece	2.7	2.4	2.3	2.7	2.5	2.4		3.1	2.7	2.9	2.6	2.6	2.8	3.1	2.7	2.6	2.5	2.4
Iceland	3.1	2.7	1.9	2.8	2.3	2.3	4.1		2.5	2.8	3.2	2.5	2.1	2.7	3.0	1.9	2.5	2.1
Ireland	3.0	2.3	2.1	2.7	2.2	2.0	3.6	2.7		2.4	2.3	2.2	2.3	3.0	2.9	2.2	2.4	2.0
Italy	2.4	2.3	2.2	2.7	2.3	2.1	3.2	2.7	2.4		2.6	2.3	2.6	2.4	2.5	2.3	2.2	2.2
Luxembourg	2.4	2.0	2.1	2.5	2.1	1.9	3.0	3.0	2.2	2.6		2.3	2.6	2.2	2.8	2.3	2.0	2.0
Netherlands	2.5	2.1	2.1	2.3	2.4	2.2	3.4	3.3	2.3	2.4	2.3		2.3	2.5	2.6	2.2	2.2	2.1
Norway	2.3	2.2	2.0	2.1	2.1	2.0	3.2	2.0	2.2	2.4	2.2	2.2		2.1	2.4	1.9	2.0	2.1
Portugal	3.0	2.1	2.0	2.9	2.0	2.0	3.9	3.0	2.8	2.3	2.4	2.1	2.5		2.3	2.2	2.0	2.1
Spain	2.7	2.3	2.4	2.8	2.2	2.2	3.6	3.4	2.5	2.5	2.7	2.3	2.8	2.2		2.4	2.2	2.2
Sweden	2.2	2.1	2.0	2.1	2.3	2.1	3.6	2.1	2.3	2.5	2.2	2.2	2.1	2.2	2.4		2.0	2.1
Switzerland	2.0	2.0	2.0	2.1	2.0	1.9	3.0	2.6	2.1	2.2	2.0	2.0	2.1	2.0	2.3	1.9		2.0
United Kingdom	2.7	2.2	2.3	2.6	2.3	2.2	3.5	2.6	2.3	2.7	2.4	2.5	2.4	2.5	2.8	2.5	2.3	

## **Europe | Percentage On Time J+5**

	First Half Year 2002										02	UNEX								
Dest	tination Co	ountry																		
	AT	BE	DK	FI	FR	DE	GR	IS	IE	IT	LU	NL	NO	PT	ES	SE	CH	GB		
Origin Country																				
Austria		99.3	100.0	99.6	98.6	99.8	92.5	95.2	98.7	98.4	100.0	99.4	98.6	97.4	97.9	99.8	99.8	99.3		
Belgium	99.7		99.0	98.8	99.3	99.7	94.3	94.3	99.5	98.4	99.4	99.5	99.5	99.0	98.0	99.4	99.2	99.4		
Denmark	99.4	99.5		99.7	99.3	99.7	96.8	99.4	99.6	99.0	99.5	99.4	99.7	99.5	98.5	99.7	100.0	99.5		
Finland	98.7	98.8	99.8		99.5	100.0	93.4	99.2	99.6	97.7	99.6	97.4	99.7	100.0	97.1	99.9	99.3	99.4		
France	99.1	99.5	99.6	98.3		99.5	95.5	93.6	99.3	99.1	99.5	99.0	98.1	98.4	97.8	99.8	99.8	99.1		
Germany	99.6	99.7	99.9	99.0	99.4		93.4	96.5	98.4	98.8	99.1	99.4	99.1	98.8	97.6	99.6	99.4	99.5		
Greece	96.0	97.8	98.1	96.9	98.1	97.6		97.6	96.8	93.8	96.0	95.7	94.5	90.6	95.3	97.7	99.1	97.5		
Iceland	96.9	99.6	99.5	99.6	98.7	99.7	86.9		100.0	98.1	99.4	98.0	99.1	99.6	98.5	99.7	99.5	99.5		
Ireland	96.8	98.8	100.0	99.1	98.5	99.5	93.2	99.5		97.2	97.8	99.3	99.1	99.6	96.6	99.5	99.1	99.1		
Italy	97.9	98.6	99.3	97.8	98.8	98.9	93.0	96.2	98.7		98.2	98.0	97.2	97.3	97.5	98.5	98.5	98.6		
Luxembourg	98.1	99.9	100.0	99.1	99.2	99.9	96.8	97.0	99.1	96.9		98.6	100.0	99.5	98.1	99.0	99.5	99.1		
Netherlands	98.9	99.2	98.9	98.4	98.6	99.1	94.3	93.2	99.3	98.5	99.0		99.2	98.0	97.4	98.8	99.1	99.2		
Norway	98.6	99.0	99.5	99.0	100.0	99.3	92.8	99.6	100.0	99.0	99.0	98.4		99.5	98.1	99.6	98.5	98.6		
Portugal	97.8	99.5	98.6	98.7	99.5	99.4	85.5	95.0	97.8	99.0	99.5	98.8	98.6		97.7	99.5	99.5	98.7		
Spain	96.9	98.9	98.6	97.5	98.8	98.8	89.3	93.7	98.3	98.0	98.3	99.3	99.0	98.5		98.0	99.3	98.7		
Sweden	99.2	99.3	99.5	99.7	98.9	99.2	88.2	99.6	97.3	98.0	99.1	99.1	99.6	97.7	98.2		99.4	99.4		
Switzerland	99.5	99.4	99.5	100.0	99.8	99.9	96.6	99.5	99.5	98.7	100.0	99.6	99.6	99.8	98.8	100.0		99.7		
United Kingdom	97.1	98.9	98.4	98.1	98.3	98.8	92.1	96.8	98.5	96.5	97.9	97.9	98.9	98.0	95.6	98.4	98.1			









## **Service Standards for International Mail within Europe**

European member Postal operators of International Post Corporation (IPC) have agreed to common service standards of J+3 (speed) and J+5 (reliability) for the delivery of first-class international mail within Europe. J (jour for day) is the day of posting. The +3 and +5 express the number of days before final delivery during which time collection, sorting, national and international transport, and delivery take place.

Objectives have been set by the European Union's directive on postal services for 85 per cent of mail to be delivered within J+3 and 97 per cent within J+5, on a country-to-country basis. Results from UNEX Monitoring show that, over time, Europe's Postal operators have enhanced their customer service in terms of both speed and reliability, and have exceeded both objectives, on average.

#### % 99.9 99.7 99.8 99.6 **Reliability Objective** 100 97.7 J+5 97% 99.7 99.5 99.1 93.9 98.4 96.7 **Speed Objective** 93.0 **Cumulative Performance** J+3 85% 80 85.1 77.3 69.5 60 - 1st Half 1994 42.8 40 1st Half 2002 20 15.8 J+2 J+3 J+5 J+6 J+7 J+10 J+4J+8 J+9

**Europe | Distribution per Delivery Days | First Half Year 2002** 

## **One Million Test Letters**

In 2002, more than one million test letters of representative types and sizes will be sent into 306 country-to-country mail streams, over all regional routes, covering both urban and rural areas in Europe, and into 430 city-to-city links within North America, and between North America and Europe.

## **The UNEX Monitoring System**

IPC Members publish UNEX results twice a year. The three key performance indicators presented in this brochure are the percentage of mail items delivered: within three days (J+3), the speed indicator; within five days (J+5), the reliability indicator, and the average number of delivery days taken to deliver mail.

IPC implemented the Unipost External Monitoring System (UNEX) as one of its members' initiatives to improve quality of service for international mail customers. The UNEX monitoring system provides essential data as the basis for action to improve service levels. It measures end-to-end postal delivery performance for intra-European priority letter mail, from time of posting to time of delivery.

The validity of the statistics it produces is guaranteed by an independent contractor, which, since January 1998, has been a British, ISO9001-certified company, Research International.

## **The UNEX Statistical Design**

UNEX measurement is carried out continuously. The system's statistical design represents the real flows, patterns and characteristics of international mail. The accuracy of the country-to-country quality of service results presented in this report ranges between 2 and 10 per cent on a half year basis, within a 95 per cent level of confidence.

#### The International Post Corporation

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