

## Annex C

### SOURCE-RECEPTOR DEPOSITION MATRICES FOR THE NETHERLANDS IN 2007

*Table C1. Codes of countries and regions*

Countries and provinces	Code
<b>Foreign anthropogenic sources</b>	
Belgium	BE
Germany	DE
France	FR
The United Kingdom	GB
Poland	PL
Spain	ES
Luxemburg	LU
Sum of other EMEP anthropogenic sources	OTH
<b>National anthropogenic sources (provinces)</b>	
Drente	DRE
Flevoland	FLE
Friesland	FRI
Gelderland	GEL
Groningen	GRO
Limburg	LIM
Noord-Brabant	NOB
Noord-Holland	NOH
Overijssel	OVE
Utrecht	UTR
Zeeland	ZEE
Zuid-Holland	ZUH
Sea surface (shipping emissions from Dutch sources)	MAR
<b>Wind re-suspension</b>	
Bare-land, European	BEU
Bare land, non-European	BNEU
Urban	URB
Arable lands	CRP
Sea surface	SEA
<b>Non-EMEP sources</b>	
Non-EMEP sources	Back

*Table C.2. Matrix of lead deposition to provinces of the Netherlands in 2007, kg/y*

Receptors ↓ Emitters →

	BE	DE	FR	GB	PL	ES	LU	OTH	DRE	FLE	FRI	GEL	GRO	LIM
DRE	160.8	329.9	60.3	76.7	68.0	22.7	1.1	74.7	73.1	14.0	11.1	19.3	13.7	3.9
FLE	116.0	117.5	39.2	55.3	27.1	15.0	0.5	39.4	2.7	57.5	2.2	12.8	1.2	2.0
FRI	164.7	266.9	78.6	144.0	63.3	31.3	1.0	98.4	13.9	13.3	44.1	10.0	7.9	3.2
GEL	654.7	786.4	168.7	169.4	115.8	46.5	2.5	146.2	7.5	39.1	3.3	254.6	3.0	17.0
GRO	99.8	251.3	45.4	70.8	61.7	19.1	0.8	66.6	42.0	6.3	10.6	7.6	38.7	2.5
LIM	492.0	522.4	87.9	60.2	45.9	19.0	1.8	68.8	1.0	2.2	0.6	13.0	0.6	121.5
NOB	1303.2	592.0	211.9	168.4	84.9	48.4	2.4	136.5	2.9	6.6	1.5	54.2	1.6	32.8
NOH	194.4	182.0	86.9	142.4	48.3	27.7	0.7	85.3	3.0	10.1	2.6	10.6	1.8	3.1
OVE	253.3	464.3	82.7	100.4	76.8	27.0	1.4	89.3	12.9	25.1	5.5	59.2	3.3	7.4
UTR	202.5	130.2	52.0	57.7	25.7	14.9	0.5	40.6	1.5	8.3	0.8	34.0	0.7	3.0
ZEE	512.3	98.8	93.7	84.3	23.6	18.9	0.6	46.3	0.7	1.1	0.5	3.6	0.4	2.0
ZUH	376.6	190.0	117.4	142.3	46.4	30.5	0.8	81.0	1.9	4.8	1.3	20.8	1.1	3.9
	BE	DE	FR	GB	PL	ES	LU	OTH	DRE	FLE	FRI	GEL	GRO	LIM

*Table C.2. Matrix of lead deposition to provinces of the Netherlands in 2007, kg/y (continued)*

Receptors ↓ Emitters →

	NOB	NOH	OVE	UTR	ZEE	ZUH	MAR	BEU	BNEU	URB	CRP	SEA	Back	Sum
DRE	8.5	230.9	13.5	7.2	4.6	14.2	0.4	9.2	165.9	1035.9	69.0	256.1	108.2	<b>2853</b>
FLE	6.0	315.6	3.2	13.3	4.2	18.2	0.4	9.1	87.1	686.9	68.6	171.3	65.5	<b>1938</b>
FRI	6.5	449.9	4.7	5.7	6.4	19.0	1.0	18.7	207.4	1423.4	154.0	471.0	162.9	<b>3872</b>
GEL	72.4	528.1	20.0	51.1	18.0	72.0	1.0	26.0	366.4	2679.2	231.7	491.6	207.6	<b>7180</b>
GRO	4.4	154.1	3.7	3.3	3.0	8.8	0.4	7.8	150.5	836.0	53.5	268.4	102.8	<b>2320</b>
LIM	43.8	71.3	1.6	3.5	6.2	11.2	0.2	9.9	299.7	1192.5	89.2	176.6	91.4	<b>3434</b>
NOB	210.9	276.4	3.6	15.3	34.3	72.6	1.0	27.2	413.6	2963.5	205.0	454.1	206.3	<b>7531</b>
NOH	8.4	2598.3	2.2	15.7	10.0	50.1	1.5	22.6	183.5	1489.2	163.8	397.6	135.5	<b>5877</b>
OVE	17.2	326.8	53.5	12.8	6.8	21.8	0.5	12.2	211.4	1336.4	125.2	303.1	129.6	<b>3766</b>
UTR	15.9	320.3	1.8	66.8	7.7	53.0	0.5	10.4	100.7	803.9	60.6	154.2	63.5	<b>2232</b>
ZEE	7.6	89.2	0.6	1.6	74.7	12.7	0.7	9.4	105.9	1011.5	80.0	209.2	77.8	<b>2568</b>
ZUH	21.5	479.5	1.6	14.0	27.7	219.1	2.0	20.0	215.1	1615.7	146.1	376.3	138.7	<b>4296</b>
	NOB	NOH	OVE	UTR	ZEE	ZUH	MAR	BEU	BNEU	URB	CRP	SEA	Back	Sum