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Peer reviewed final presentation of 2012 data

ook compiles, adjusts and totals jurisdictional data underpinning Australia's Basel data report for 2012.
pared for the Department of the Environment in 2013/14 by Blue Environment, supported by Environ and Ranc
ated in six-monthly units so that jurisdictional financial year data can be converted to Basel calendar year data
ed that this data workbook can be reused each year, with adjustments, for preparing the annual Basel report.
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ACT input to Australia's Basel Convention report

This worksheet translates data on ACT controlled wastes into Basel codes (via NEPM codes) **Key**

ACT - controlled wastes (NEPM)

Code	Waste description	Waste type
A	Waste resulting from surface treatment of metals and plastics	A100
	Waste from heat treatment and tempering operations containing cyanides	A110
	Cyanides (inorganic)	A130
B	Acidic solutions or acids in solid form	B100
C	Basic solutions or bases in solid form	C100
D	Metal carbonyls	D100
	Inorganic fluorine compounds excluding calcium fluoride	D110
	Mercury; mercury compounds	D120
	Arsenic; arsenic compounds	D130
	Chromium compounds (hexavalent and trivalent)	D140
	Cadmium; cadmium compounds	D150
	Beryllium; beryllium compounds	D160
	Antimony; antimony compounds	D170
	Thallium; thallium compounds	D180
	Copper compounds	D190
	Cobalt compounds	D200
	Nickel compounds	D210
	Lead; lead compounds	D220
	Zinc compounds	D230
	Selenium; selenium compounds	D240
	Tellurium; tellurium compounds	D250
	Vanadium compounds	D270
	Barium compounds (excluding barium sulphate)	D290
	Non-toxic salts	D300
	Boron compounds	D310
	Inorganic sulfides	D330
	Perchlorates	D340
	Chlorates	D350
	Phosphorus compounds excluding mineral phosphates	D360
E	Waste containing peroxides other than hydrogen peroxide	E100
F	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F100
	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F110
G	Ethers	G100
	Organic solvents excluding halogenated solvents	G110
	Halogenated organic solvents	G150
	Waste from the production, formulation and use of organic solvents	G160
H	Waste from the production, formulation and use of biocides and phytopharmaceuticals	H100
	Organic phosphorous compounds	H110
	Waste from manufacture, formulation and use of wood-preserving chemicals	H170
J	Waste mineral oils unfit for their original intended use	J100
	Waste oil/water, hydrocarbons/water mixtures or emulsions	J120
	Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	J160
K	Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	K100
	Grease trap waste	K110
	Tannery wastes (including leather dust, ash, sludges and flours)	K140
	Wool scouring wastes	K190
M	Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls	M100
	Phenols, phenol compounds including chlorophenols	M150
	Organo halogen compounds—other than substances referred to in this Table or Table 2	M160
	Polychlorinated dibenzo-furan (any congener)	M170
	Polychlorinated dibenzo-p-dioxin (any congener)	M180
	Cyanides (organic)	M210
	Isocyanate compounds	M220
	Triethylamine catalysts for setting foundry sands	M230
	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	M250
	Highly odorous organic chemicals (including mercaptans and acrylates)	M260
N	Containers and drums that are contaminated with residues of substances referred to in this list	N100
	Soils contaminated with a controlled waste	N120
	Fire debris and fire wash waters	N140
	Fly ash, excluding fly ash generated from Australian coal fired power stations	N150
	Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	N160
	Filter cake contaminated with residues of substances referred to in this list	N190

	Residues from industrial waste treatment/disposal operations	N205
	Asbestos	N220
	Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	N230
R	Clinical and related wastes	R100
	Waste pharmaceuticals, drugs and medicines	R120
	Waste from the production and preparation of pharmaceutical products	R140
T	Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	T100
	Waste from the production, formulation and use of photographic chemicals and processing materials	T120
	Tyres	T140
	Waste of an explosive nature not subject to other legislation	T200

	Space for jurisdiction to enter data
	Jurisdictional data as provided
	Consultant to provide estimate
	Data not collected

Tonnes generated			National Environment Protection (Movem		
Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012	"15" code	NEPM 15 waste description	"75" code
0	0	0	A	Plating and heat treatment	A100
0	0	0			A110
0	0	0			A130
0	3	0	B	Acids	B100
11	3	1	C	Alkalis	C100
0	0	0	D	Inorganic chemicals	D100
0	0	0			D110
21	13	5			D120
0	0	0			D130
0	0	0			D140
0	0	0			D150
0	0	0			D160
0	0	0			D170
0	0	0			D180
0	0	0			D190
0	0	0			D200
0	0	0			D210
47	158	132			D220
0	0	0			D230
0	0	0			D240
0	0	0			D250
0	0	0			D270
0	0	0			D290
0	0	0			D300
0	0	0			D310
0	0	0			D330
0	0	0			D340
0	0	0			D350
0	0	0			D360
0	0	0	E	Reactive chemicals	E100
34	31	96	F	Paints, resins, inks, organic sludges	F100
0	0	1			F110
0	0	0	G	Organic solvents	G100
20	13	21			G110
3	4	4			G150
0	0	0			G160
0	0	0	H	Pesticides	H100
0	0	0			H110
0	0	0			H170
493	577	686	J	Oils	J100
420	1,078	899			J120
0	0	0			J160
0	0	0	K	Putrescible/ organic waste	K100
2,659	2,509	3,091			K110
0	0	0			K140
0	0	0			K190
16	0	18	M	Organic chemicals	M100
0	0	0			M150
0	0	0			M160
0	0	0			M170
0	0	0			M180
0	0	0			M210
0	0	0			M220
0	0	0			M230
0	0	0			M250
0	0	0			M260
5	4	7	N	Soil/ sludge	N100
70	198	6			N120
0	0	0			N140
0	0	0			N150
0	0	0			N160
0	0	0			N190

0	0	0			N205
0	0	20			N220
0	0	0			N230
107	125	150	R	Clinical and pharmaceutical	R100
0	1	0			R120
0	0	0			R140
30	15	23	T	Miscellaneous	T100
19	15	18			T120
164	709	630			T140
0	0	0			T200

ent of Controlled Waste between States and Territories) Measure	Tonnes genera	
Waste description (NEPM Schedule A, List 1)	Jul-Dec 2011	Jan-Jun 2012
Waste resulting from surface treatment of metals and plastics	0	0
Waste from heat treatment and tempering operations containing cyanides	0	0
Cyanides (inorganic)	0	0
Acidic solutions or acids in solid form	0	3
Basic solutions or bases in solid form	11	3
Metal carbonyls	0	0
Inorganic fluorine compounds excluding calcium fluoride	0	0
Mercury; mercury compounds	21	13
Arsenic; arsenic compounds	0	0
Chromium compounds (hexavalent and trivalent)	0	0
Cadmium; cadmium compounds	0	0
Beryllium; beryllium compounds	0	0
Antimony; antimony compounds	0	0
Thallium; thallium compounds	0	0
Copper compounds	0	0
Cobalt compounds	0	0
Nickel compounds	0	0
Lead; lead compounds	47	158
Zinc compounds	0	0
Selenium; selenium compounds	0	0
Tellurium; tellurium compounds	0	0
Vanadium compounds	0	0
Barium compounds (excluding barium sulphate)	0	0
Non-toxic salts	0	0
Boron compounds	0	0
Inorganic sulfides	0	0
Perchlorates	0	0
Chlorates	0	0
Phosphorus compounds excluding mineral phosphates	0	0
Waste containing peroxides other than hydrogen peroxide	0	0
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	34	31
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	0	0
Ethers	0	0
Organic solvents excluding halogenated solvents	20	13
Halogenated organic solvents	3	4
Waste from the production, formulation and use of organic solvents	0	0
Waste from the production, formulation and use of biocides and phytopharmaceuticals	0	0
Organic phosphorous compounds	0	0
Waste from manufacture, formulation and use of wood-preserving chemicals	0	0
Waste mineral oils unfit for their original intended use	493	577
Waste oil/water, hydrocarbons/water mixtures or emulsions	420	1,078
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	0	0
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	0	0
Grease trap waste	2,659	2,509
Tannery wastes (including leather dust, ash, sludges and flours)	0	0
Wool scouring wastes	0	0
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls	16	0
Phenols, phenol compounds including chlorophenols	0	0
Organo halogen compounds—other than substances referred to in this Table or Table 2	0	0
Polychlorinated dibenzo-furan (any congener)	0	0
Polychlorinated dibenzo-p-dioxin (any congener)	0	0
Cyanides (organic)	0	0
Isocyanate compounds	0	0
Triethylamine catalysts for setting foundry sands	0	0
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	0	0
Highly odorous organic chemicals (including mercaptans and acrylates)	0	0
Containers and drums that are contaminated with residues of substances referred to in this list	5	4
Soils contaminated with a controlled waste	70	198
Fire debris and fire wash waters	0	0
Fly ash, excluding fly ash generated from Australian coal fired power stations	0	0
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	0	0
Filter cake contaminated with residues of substances referred to in this list	0	0

Residues from industrial waste treatment/disposal operations	0	0
Asbestos	0	0
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	0	0
Clinical and related wastes	107	125
Waste pharmaceuticals, drugs and medicines	0	1
Waste from the production and preparation of pharmaceutical products	0	0
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	30	15
Waste from the production, formulation and use of photographic chemicals and processing materials	19	15
Tyres	164	709
Waste of an explosive nature not subject to other legislation	0	0

ted	Basel Convention		To
Jul-Dec 2012	Code	Waste description (Annex 1)	Jul-Dec 2011
0	Y1	Clinical wastes from medical care in hospitals, medical centres and clinics	107
0	Y2	Wastes from the production and preparation of pharmaceutical products	0
0	Y3	Waste pharmaceuticals, drugs and medicines	0
0	Y4	Wastes from the production…… of biocides and phytopharmaceuticals	0
1	Y5	Wastes from the manufacture…… of wood preserving chemicals	0
0	Y6	Wastes from the production, formulation and use of organic solvent	0
0	Y7	Wastes from heat treatment and tempering operations containing cyanides	0
5	Y8	Waste mineral oils unfit for their originally intended use	493
0	Y9	Waste oils/water, hydrocarbons/water mixtures, emulsion	420
0	Y10	Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	16
0	Y11	Waste tarry residues ... from refining, distillation and any pyrolytic treatment	0
0	Y12	Wastes from production…… of inks, dyes, pigments, paints, etc	34
0	Y13	Wastes from production……resins, latex, plasticizers, glues, etc	0
0	Y14	Waste chemical substances arising ….. environment are not known	30
0	Y15	Wastes of an explosive nature not subject to other legislation	0
0	Y16	Wastes from production, formulation and use of photographic chemicals…	19
0	Y17	Wastes resulting from surface treatment of metals and plastics	0
132	Y18	Residues arising from industrial waste disposal operations	0
0		**Wastes having as constituents …**	
0	Y19	Metal carbonyls	0
0	Y20	Beryllium; beryllium compounds	0
0	Y21	Hexavalent chromium compounds	0
0	Y22	Copper compounds	0
0	Y23	Zinc compounds	0
0	Y24	Arsenic; arsenic compounds	0
0	Y25	Selenium; selenium compounds	0
0	Y26	Cadmium; cadmium compounds	0
0	Y27	Antimony; antimony compounds	0
0	Y28	Tellurium; tellurium compounds	0
0	Y29	Mercury; mercury compounds	21
96	Y30	Thallium; thallium compounds	0
1	Y31	Lead; lead compounds	47
0	Y32	Inorganic fluorine compounds excluding calcium fluoride	0
21	Y33	Inorganic cyanides	0
4	Y34	Acidic solutions or acids in solid form	0
0	Y35	Basic solutions or bases in solid form	11
0	Y36	Asbestos (dust and fibres)	0
0	Y37	Organic phosphorus compounds	0
0	Y38	Organic cyanides	0
686	Y39	Phenols; phenol compounds including chlorophenols	0
899	Y40	Ethers	0
0	Y41	Halogenated organic solvents	3
0	Y42	Organic solvents excluding halogenated solvents	20
3,091	Y43	Any congenor of polychlorinated dibenzo-furan	0
0	Y44	Any congenor of polychlorinated dibenzo-p-dioxin	0
0	Y45	Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	0
18		**Categories of wastes requiring special consideration (Annex II)**	
0	Y46	Wastes collected from households	
0	Y47	Residues arising from the incineration of household wastes	
0		**Additional waste categories not included in Y-Codes**	
0	1	Other metal compounds	0
0	2	Other inorganic chemicals	0
0	3	Other organic chemicals	0
0	4	Putrescible/ organic waste	2,659
0	5	Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	5
0	6	Soils contaminated with residues of substances in Basel Y-codes 19-45	70
7	7	Sludges contaminated with residues of substances in Basel Y-codes 19-45	0
6	8	Tyres	164
0			
0			
0			
0			

0
20
0
150
0
0
23
18
630
0

nnes generated	
Jan-Jun 2012	Jul-Dec 2012
125	150
0	0
1	0
0	0
0	0
0	0
0	0
577	686
1,078	899
0	18
0	0
31	96
0	1
15	23
0	0
15	18
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
13	5
0	0
158	132
0	0
0	0
3	0
3	1
0	20
0	0
0	0
0	0
0	0
4	4
13	21
0	0
0	0
0	0
0	0
0	0
0	0
2,509	3,091
4	7
198	6
0	0
709	630

NSW input to Australia's Basel Convention report

This worksheet translates data on NSW trackable wastes into Basel codes (via NEPM codes)

Key	
	Space for jurisdiction to enter data
	Jurisdictional data as provided
	Consultant to provide estimate
	Data not collected

NSW trackable wastes (List 1 and List 2)

Code	Waste description	Waste type	Tonnes generated Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012
A	Waste resulting from surface treatment of metals and plastics	A100	4	22	1
	Waste from heat treatment and tempering operations containing cyanides	A110	6	0	0
	Cyanides (inorganic)	A130	0	5	0
B	Acidic solutions or acids in solid form	B100	9,791	7,101	7,279
C	Basic solutions or bases in solid form	C100	3,009	2,753	2,462
D	Metal carbonyls.	D100	0	0	0
	Inorganic fluorine compounds (excluding calcium fluoride).	D110	8	5	556
	Mercury and mercury compounds.	D120	894	130	100
	Arsenic and arsenic compounds.	D130	9	33	28
	Chromium compounds (hexavalent and trivalent).	D140	7,540	419	267
	Cadmium and cadmium compounds.	D150	6	9	3
	Beryllium and beryllium compounds.	D160	0	0	0
	Antimony and antimony compounds.	D170	0	0	0
	Thallium; thallium compounds	D180	0	0	0
	Copper compounds.	D190	5	1	8
	Cobalt and cobalt compounds.	D200	16	18	34
	Nickel compounds.	D210	29	9	0
	Lead and lead compounds.	D220	11,018	3,750	6,490
	Zinc compounds.	D230	311	248	225
	Selenium and selenium compounds.	D240	0	0	0
	Tellurium; tellurium compounds	D250	0	0	0
	Vanadium compounds	D270	1	31	16
	Barium compounds.	D290	0	0	0
	Non-toxic salts	D300	6,352	6,076	9,210
	Boron compounds.	D310	0	0	79
	Inorganic sulfides	D330	1	0	0
	Perchlorates	D340	0	0	0
	Chlorates	D350	0	0	0
	Phosphorus compounds excluding mineral phosphates	D360	0	2	20
E	Waste containing peroxides other than hydrogen peroxide	E100	106	99	81
F	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F100	5,899	6,452	6,642
	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F110	1,120	1,716	5,711
G	Ethers	G100	0	0	0
	Organic solvents excluding halogenated solvents	G110	1,709	1,736	1,394
	Halogenated organic solvents	G150	117	121	104
	Waste from the production, formulation and use of organic solvents	G160	316	490	445
H	Waste from the production, formulation and use of biocides and phytopharmaceuticals	H100	195	202	174
	Organic phosphorous compounds	H110	1	11	12
	Waste from manufacture, formulation and use of wood-preserving chemicals	H170	16	0	14
J	Waste mineral oils unfit for their original intended use	J100	61,926	93,411	40,343
	Waste oil/water, hydrocarbons/water mixtures or emulsions	J120	39,721	53,338	52,971
	Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	J160	52	159	102
K	Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	K100			
	Grease trap waste	K110			
	Sewage sludge and residues including nightsoil and septic tank sludge	K130			
	Tannery wastes (including leather dust, ash, sludges and flours)	K140			
	Wool scouring wastes	K190			
M	Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated	M100	1,013	834	1,094
	Phenols, phenol compounds including chlorophenols	M150	116	63	54
	Organo halogen compounds—other than substances referred to in this Table or Table 2	M160	3	2	3
	Polychlorinated dibenzo-furan (any congener)	M170	0	0	0
	Polychlorinated dibenzo-p-dioxin (any congener)	M180	0	0	0
	Cyanides (organic)	M210	0	0	0
	Isocyanate compounds	M220	87	40	41
	Triethylamine catalysts for setting foundry sands	M230	0	0	0
	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	M250	6,434	5,771	4,295
	Highly odorous organic chemicals (including mercaptans and acrylates)	M260	0	0	0
N	Containers and drums that are contaminated with residues of substances referred to in this Table	N100			
	Soils contaminated with a substance or waste referred to in this Table	N120			
	Fine debris and fire wash waters	N140	459	626	700
	Fly ash.	N150	0	0	0
	Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	N160	5,996	4,915	7,412
	Filter cake	N190	4,566	1,974	1,626
	Residues from industrial waste treatment/disposal operations	N205	11,526	12,746	12,516
	Asbestos	N220			
	Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	N230	0	0	0
R	Clinical and related wastes	R100			
	Waste pharmaceuticals, drugs and medicines	R120			
	Waste from the production and preparation of pharmaceutical products	R140	140	105	224
T	Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	T100	1,054	1,268	1,333
	Waste from the production, formulation and use of photographic chemicals and processing materials	T120	95	91	125
	Tyres	T140			
	Waste of an explosive nature not subject to other legislation	T200	36	10	0

National Environment Protection (Movement of Controlled Waste between States and Territories) Measure

"15" code	NEPM 15 waste description	"75" code	Waste description (NEPM Schedule A, List 1)	Tonnes generated Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012
A	Plating and heat treatment	A100	Waste resulting from surface treatment of metals and plastics	4	22	1
		A110	Waste from heat treatment and tempering operations containing cyanides	6	0	0
		A130	Cyanides (inorganic)	0	5	0
B	Acids	B100	Acidic solutions or acids in solid form	9,791	7,101	7,279
C	Alkalis	C100	Basic solutions or bases in solid form	3,009	2,753	2,462
D	Inorganic chemicals	D100	Metal carbonyls	0	0	0
		D110	Inorganic fluorine compounds excluding calcium fluoride	8	5	556
		D120	Mercury; mercury compounds	894	130	100
		D130	Arsenic; arsenic compounds	9	33	28
		D140	Chromium compounds (hexavalent and trivalent)	7,540	419	267
		D150	Cadmium; cadmium compounds	6	9	3
		D160	Beryllium; beryllium compounds	0	0	0
		D170	Antimony; antimony compounds	0	0	0
		D180	Thallium; thallium compounds	0	0	0
		D190	Copper compounds	5	1	8
		D200	Cobalt compounds	16	18	34
		D210	Nickel compounds	29	9	0
		D220	Lead; lead compounds	11,018	3,750	6,490
		D230	Zinc compounds	311	248	225
		D240	Selenium; selenium compounds	0	0	0
		D250	Tellurium; tellurium compounds	0	0	0
		D270	Vanadium compounds	1	31	16
		D290	Barium compounds (excluding barium sulphate)	0	0	0
		D300	Non-toxic salts	6,352	6,076	9,210
		D310	Boron compounds	0	0	79
		D330	Inorganic sulfides	1	0	0
		D340	Perchlorates	0	0	0
		D350	Chlorates	0	0	0
		D360	Phosphorus compounds excluding mineral phosphates	0	2	20
E	Reactive chemicals	E100	Waste containing peroxides other than hydrogen peroxide	106	99	81
F	Paints, resins, inks, organic sludges	F100	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	5,899	6,452	6,642
		F110	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	1,120	1,716	5,711
G	Organic solvents	G100	Ethers	0	0	0
		G110	Organic solvents excluding halogenated solvents	1,709	1,736	1,394
		G150	Halogenated organic solvents	117	121	104
		G160	Waste from the production, formulation and use of organic solvents	316	490	445
H	Pesticides	H100	Waste from the production, formulation and use of biocides and phytopharmaceuticals	195	202	174
		H110	Organic phosphorous compounds	1	11	12
		H170	Waste from manufacture, formulation and use of wood-preserving chemicals	16	0	14
J	Oils	J100	Waste mineral oils unfit for their original intended use	61,926	93,411	40,343
		J120	Waste oil/water, hydrocarbons/water mixtures or emulsions	39,721	53,338	52,971
		J160	Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	52	159	102
K	Putrescible/ organic	K100	Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)			
		K110	Grease trap waste			
		K140	Tannery wastes (including leather dust, ash, sludges and flours)			
		K190	Wool scouring wastes			
M	Organic chemicals	M100	Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls	1,013	834	1,094
		M150	Phenols, phenol compounds including chlorophenols	116	63	54
		M160	Organo halogen compounds—other than substances referred to in this Table or Table 2	3	2	3
		M170	Polychlorinated dibenzo-furan (any congener)	0	0	0
		M180	Polychlorinated dibenzo-p-dioxin (any congener)	0	0	0
		M210	Cyanides (organic)	0	0	0
		M220	Isocyanate compounds	87	40	41
		M230	Triethylamine catalysts for setting foundry sands	0	0	0
		M250	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	6,434	5,771	4,295
		M260	Highly odorous organic chemicals (including mercaptans and acrylates)	0	0	0
N	Soil/ sludge	N100	Containers and drums that are contaminated with residues of substances referred to in this list			
		N120	Soils contaminated with a controlled waste			
		N140	Fine debris and fire wash waters	459	626	700
		N150	Fly ash, excluding fly ash generated from Australian coal fired power stations	0	0	0
		N160	Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	5,996	4,915	7,412
		N190	Filter cake contaminated with residues of substances referred to in this list	4,566	1,974	1,626
		N205	Residues from industrial waste treatment/disposal operations	11,526	12,746	12,516
		N220	Asbestos			
		N230	Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	0	0	0
R	Clinical and pharmaceutical	R100	Clinical and related wastes			
		R120	Waste pharmaceuticals, drugs and medicines			
		R140	Waste from the production and preparation of pharmaceutical products	140	105	224
T	Miscellaneous	T100	Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	1,054	1,268	1,333
		T120	Waste from the production, formulation and use of photographic chemicals and processing materials	95	91	125
		T140	Tyres			
		T200	Waste of an explosive nature not subject to other legislation	36	10	0

Basel Convention

Code	Waste description (Annex 1)	Tonnes generated Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012
Y1	Clinical wastes from medical care in hospitals, medical centres and clinics			
Y2	Wastes from the production and preparation of pharmaceutical products	140	105	224
Y3	Waste pharmaceuticals, drugs and medicines			
Y4	Wastes from the production..... of biocides and phytophamaceuticals	195	202	174
Y5	Wastes from the manufacture..... of wood preserving chemicals	16	0	14
Y6	Wastes from the production, formulation and use of organic solvent	316	490	445
Y7	Wastes from heat treatment and tempering operations containing cyanides	6	0	0
Y8	Waste mineral oils unfit for their originally intended use	61,926	93,411	40,343
Y9	Waste oils/water, hydrocarbons/water mixtures, emulsion	39,721	53,338	52,971
Y10	Waste substances ....containing or contaminated with PCBs, PCTs, PBBs	1,013	834	1,094
Y11	Waste tarry residues ... from refining, distillation and any pyrolytic treatment	52	159	102
Y12	Wastes from production..... of inks, dyes, pigments, paints, etc	5,899	6,452	6,642
Y13	Wastes from production.....resins, latex, plasticizers, glues, etc.	1,120	1,716	5,711
Y14	Waste chemical substances arising ..... environment are not known	1,054	1,268	1,333
Y15	Wastes of an explosive nature not subject to other legislation	142	108	81
Y16	Wastes from production, formulation and use of photographic chemicals....	95	91	125
Y17	Wastes resulting from surface treatment of metals and plastics	4	22	1
Y18	Residues arising from industrial waste disposal operations	17,522	17,660	19,928
	Wastes having as constituents ...			
Y19	Metal carbonyls	0	0	0
Y20	Beryllium; beryllium compounds	0	0	0
Y21	Hexavalent chromium compounds	7,540	419	267
Y22	Copper compounds	5	1	8
Y23	Zinc compounds	311	248	225
Y24	Arsenic; arsenic compounds	9	33	28
Y25	Selenium; selenium compounds	0	0	0
Y26	Cadmium; cadmium compounds	6	9	3
Y27	Antimony; antimony compounds	0	0	0
Y28	Tellurium; tellurium compounds	0	0	0
Y29	Mercury; mercury compounds	894	130	100
Y30	Thallium; thallium compounds	0	0	0
Y31	Lead; lead compounds	11,018	3,750	6,490
Y32	Inorganic fluorine compounds excluding calcium fluoride	8	5	556
Y33	Inorganic cyanides	0	5	0
Y34	Acidic solutions or acids in solid form	9,791	7,101	7,279
Y35	Basic solutions or bases in solid form	3,009	2,753	2,462
Y36	Asbestos (dust and fibres)			
Y37	Organic phosphorus compounds	1	11	12
Y38	Organic cyanides	0	0	0
Y39	Phenols; phenol compounds including chlorophenols	116	63	54
Y40	Ethers	0	0	0
Y41	Halogenated organic solvents	117	121	104
Y42	Organic solvents excluding halogenated solvents	1,709	1,736	1,394
Y43	Any congenor of polychlorinated dibenzo-furan	0	0	0
Y44	Any congenor of polychlorinated dibenzo-p-dioxin	0	0	0
Y45	Organohalogen compounds other than ...(e.g. Y39, Y41, Y42, Y43, Y44)	3	2	3
	Categories of wastes requiring special consideration (Annex II)			
Y46	Wastes collected from households			
Y47	Residues arising from the incineration of household wastes			
	Additional waste catagories not included in Y-Codes			
1	Other metal compounds	46	58	50
2	Other inorganic chemicals	6,353	6,078	9,309
3	Other organic chemicals	6,521	5,811	4,336
4	Putrescible/ organic waste	0	0	0
5	Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics			
6	Soils contaminated with residues of substances in Basel Y-codes 19-45			
7	Sludges contaminated with residues of substances in Basel Y-codes 19-45	5,025	2,600	2,327
8	Tyres			

NT input to Australia's Basel Convention report

This worksheet translates data on NT controlled wastes into Basel codes (via NEPM codes) **Key**

Compiled from NEPM import data from ACT, NSW, SA, Vic & WA. Qld & Tas did not provide NEPM import data.

NT - controlled wastes (NEPM)

Code	Waste description	Waste type
A	Waste resulting from surface treatment of metals and plastics	A100
	Waste from heat treatment and tempering operations containing cyanides	A110
	Cyanides (inorganic)	A130
B	Acidic solutions or acids in solid form	B100
C	Basic solutions or bases in solid form	C100
D	Metal carbonyls	D100
	Inorganic fluorine compounds excluding calcium fluoride	D110
	Mercury; mercury compounds	D120
	Arsenic; arsenic compounds	D130
	Chromium compounds (hexavalent and trivalent)	D140
	Cadmium; cadmium compounds	D150
	Beryllium; beryllium compounds	D160
	Antimony; antimony compounds	D170
	Thallium; thallium compounds	D180
	Copper compounds	D190
	Cobalt compounds	D200
	Nickel compounds	D210
	Lead; lead compounds	D220
	Zinc compounds	D230
	Selenium; selenium compounds	D240
	Tellurium; tellurium compounds	D250
	Vanadium compounds	D270
	Barium compounds (excluding barium sulphate)	D290
	Non-toxic salts	D300
	Boron compounds	D310
	Inorganic sulfides	D330
	Perchlorates	D340
	Chlorates	D350
	Phosphorus compounds excluding mineral phosphates	D360
E	Waste containing peroxides other than hydrogen peroxide	E100
F	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F100
	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F110
G	Ethers	G100
	Organic solvents excluding halogenated solvents	G110
	Halogenated organic solvents	G150
	Waste from the production, formulation and use of organic solvents	G160
H	Waste from the production, formulation and use of biocides and phytopharmaceuticals	H100
	Organic phosphorous compounds	H110
	Waste from manufacture, formulation and use of wood-preserving chemicals	H170
J	Waste mineral oils unfit for their original intended use	J100
	Waste oil/water, hydrocarbons/water mixtures or emulsions	J120
	Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	J160
K	Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	K100
	Grease trap waste	K110
	Tannery wastes (including leather dust, ash, sludges and flours)	K140
	Wool scouring wastes	K190
M	Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls	M100
	Phenols, phenol compounds including chlorophenols	M150
	Organo halogen compounds—other than substances referred to in this Table or Table 2	M160
	Polychlorinated dibenzo-furan (any congener)	M170

	Polychlorinated dibenzo-p-dioxin (any congener)	M180
	Cyanides (organic)	M210
	Isocyanate compounds	M220
	Triethylamine catalysts for setting foundry sands	M230
	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	M250
	Highly odorous organic chemicals (including mercaptans and acrylates)	M260
N	Containers and drums that are contaminated with residues of substances referred to in this list	N100
	Soils contaminated with a controlled waste	N120
	Fire debris and fire wash waters	N140
	Fly ash, excluding fly ash generated from Australian coal fired power stations	N150
	Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	N160
	Filter cake contaminated with residues of substances referred to in this list	N190
	Residues from industrial waste treatment/disposal operations	N205
	Asbestos	N220
	Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	N230
R	Clinical and related wastes	R100
	Waste pharmaceuticals, drugs and medicines	R120
	Waste from the production and preparation of pharmaceutical products	R140
T	Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	T100
	Waste from the production, formulation and use of photographic chemicals and processing materials	T120
	Tyres	T140
	Waste of an explosive nature not subject to other legislation	T200

	Space for jurisdiction to enter data
	Jurisdictional data as provided
	Consultant to provide estimate
	Data not collected

Tonnes generated			National Environment Protection (Movem		
Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012	"15" code	NEPM 15 waste description	"75" code
0	0	0	A	Plating and heat treatment	A100
0	0	0			A110
0	0	0			A130
15	7	6	B	Acids	B100
29	81	46	C	Alkalis	C100
0	0	28	D	Inorganic chemicals	D100
0	0	0			D110
0	22	0			D120
0	0	0			D130
0	0	0			D140
0	0	0			D150
0	0	0			D160
0	0	0			D170
0	0	0			D180
0	0	0			D190
0	0	0			D200
0	0	0			D210
142	224	186			D220
0	0	0			D230
0	0	0			D240
0	0	0			D250
0	0	0			D270
0	0	0			D290
0	0	0			D300
0	0	0			D310
0	0	0			D330
0	0	0			D340
0	0	0			D350
0	0	0			D360
0	0	0	E	Reactive chemicals	E100
1	0	36	F	Paints, resins, inks, organic sludges	F100
1	1	0			F110
0	0	0	G	Organic solvents	G100
22	7	0			G110
0	1	0			G150
0	0	0			G160
0	0	0	H	Pesticides	H100
0	0	0			H110
1	0	0			H170
369	206	377	J	Oils	J100
42	101	103			J120
8	8	0			J160
0	0	0	K	Putrescible/ organic waste	K100
0	0	0			K110
0	0	0			K140
0	0	0			K190
34	0	71	M	Organic chemicals	M100
0	0	0			M150
0	0	0			M160
0	0	0			M170

0	0	0			M180
0	0	0			M210
0	0	0			M220
0	0	0			M230
0	5	7			M250
0	0	0			M260
0	29	0	N	Soil/ sludge	N100
17	0	0			N120
17	0	0			N140
0	0	0			N150
0	0	0			N160
0	0	0			N190
0	0	0			N205
126	0	64			N220
0	0	0			N230
46	57	67	R	Clinical and pharmaceutical	R100
0	0	0			R120
0	0	0			R140
62	100	24	T	Miscellaneous	T100
0	0	0			T120
0	0	0			T140
0	0	0			T200

ent of Controlled Waste between States and Territories) Measure

Waste description (NEPM Schedule A, List 1)	Tonnes generated Jul-Dec 2011	Jan-Jun 2012
Waste resulting from surface treatment of metals and plastics	0	0
Waste from heat treatment and tempering operations containing cyanides	0	0
Cyanides (inorganic)	0	0
Acidic solutions or acids in solid form	15	7
Basic solutions or bases in solid form	29	81
Metal carbonyls	0	0
Inorganic fluorine compounds excluding calcium fluoride	0	0
Mercury; mercury compounds	0	22
Arsenic; arsenic compounds	0	0
Chromium compounds (hexavalent and trivalent)	0	0
Cadmium; cadmium compounds	0	0
Beryllium; beryllium compounds	0	0
Antimony; antimony compounds	0	0
Thallium; thallium compounds	0	0
Copper compounds	0	0
Cobalt compounds	0	0
Nickel compounds	0	0
Lead; lead compounds	142	224
Zinc compounds	0	0
Selenium; selenium compounds	0	0
Tellurium; tellurium compounds	0	0
Vanadium compounds	0	0
Barium compounds (excluding barium sulphate)	0	0
Non-toxic salts	0	0
Boron compounds	0	0
Inorganic sulfides	0	0
Perchlorates	0	0
Chlorates	0	0
Phosphorus compounds excluding mineral phosphates	0	0
Waste containing peroxides other than hydrogen peroxide	0	0
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	1	0
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	1	1
Ethers	0	0
Organic solvents excluding halogenated solvents	22	7
Halogenated organic solvents	0	1
Waste from the production, formulation and use of organic solvents	0	0
Waste from the production, formulation and use of biocides and phytopharmaceuticals	0	0
Organic phosphorous compounds	0	0
Waste from manufacture, formulation and use of wood-preserving chemicals	1	0
Waste mineral oils unfit for their original intended use	369	206
Waste oil/water, hydrocarbons/water mixtures or emulsions	42	101
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	8	8
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	0	0
Grease trap waste	0	0
Tannery wastes (including leather dust, ash, sludges and flours)	0	0
Wool scouring wastes	0	0
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls	34	0
Phenols, phenol compounds including chlorophenols	0	0
Organo halogen compounds—other than substances referred to in this Table or Table 2	0	0
Polychlorinated dibenzo-furan (any congener)	0	0

Polychlorinated dibenzo-p-dioxin (any congener)	0	0
Cyanides (organic)	0	0
Isocyanate compounds	0	0
Triethylamine catalysts for setting foundry sands	0	0
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	0	5
Highly odorous organic chemicals (including mercaptans and acrylates)	0	0
Containers and drums that are contaminated with residues of substances referred to in this list	0	29
Soils contaminated with a controlled waste	17	0
Fire debris and fire wash waters	17	0
Fly ash, excluding fly ash generated from Australian coal fired power stations	0	0
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	0	0
Filter cake contaminated with residues of substances referred to in this list	0	0
Residues from industrial waste treatment/disposal operations	0	0
Asbestos	126	0
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	0	0
Clinical and related wastes	46	57
Waste pharmaceuticals, drugs and medicines	0	0
Waste from the production and preparation of pharmaceutical products	0	0
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	62	100
Waste from the production, formulation and use of photographic chemicals and processing materials	0	0
Tyres	0	0
Waste of an explosive nature not subject to other legislation	0	0

d	Basel Convention		To
Jul-Dec 2012	Code	Waste description (Annex 1)	Jul-Dec 2011
0	Y1	Clinical wastes from medical care in hospitals, medical centres and clinics	46
0	Y2	Wastes from the production and preparation of pharmaceutical products	0
0	Y3	Waste pharmaceuticals, drugs and medicines	0
6	Y4	Wastes from the production…… of biocides and phytopharmaceuticals	0
46	Y5	Wastes from the manufacture…… of wood preserving chemicals	1
28	Y6	Wastes from the production, formulation and use of organic solvent	0
0	Y7	Wastes from heat treatment and tempering operations containing cyanides	0
0	Y8	Waste mineral oils unfit for their originally intended use	369
0	Y9	Waste oils/water, hydrocarbons/water mixtures, emulsion	42
0	Y10	Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	34
0	Y11	Waste tarry residues ... from refining, distillation and any pyrolytic treatment	8
0	Y12	Wastes from production…… of inks, dyes, pigments, paints, etc	1
0	Y13	Wastes from production……resins, latex, plasticizers, glues, etc	1
0	Y14	Waste chemical substances arising ….. environment are not known	62
0	Y15	Wastes of an explosive nature not subject to other legislation	0
0	Y16	Wastes from production, formulation and use of photographic chemicals…	0
0	Y17	Wastes resulting from surface treatment of metals and plastics	0
186	Y18	Residues arising from industrial waste disposal operations	0
0		**Wastes having as constituents …**	
0	Y19	Metal carbonyls	0
0	Y20	Beryllium; beryllium compounds	0
0	Y21	Hexavalent chromium compounds	0
0	Y22	Copper compounds	0
0	Y23	Zinc compounds	0
0	Y24	Arsenic; arsenic compounds	0
0	Y25	Selenium; selenium compounds	0
0	Y26	Cadmium; cadmium compounds	0
0	Y27	Antimony; antimony compounds	0
0	Y28	Tellurium; tellurium compounds	0
0	Y29	Mercury; mercury compounds	0
36	Y30	Thallium; thallium compounds	0
0	Y31	Lead; lead compounds	142
0	Y32	Inorganic fluorine compounds excluding calcium fluoride	0
0	Y33	Inorganic cyanides	0
0	Y34	Acidic solutions or acids in solid form	15
0	Y35	Basic solutions or bases in solid form	29
0	Y36	Asbestos (dust and fibres)	126
0	Y37	Organic phosphorus compounds	0
0	Y38	Organic cyanides	0
377	Y39	Phenols; phenol compounds including chlorophenols	0
103	Y40	Ethers	0
0	Y41	Halogenated organic solvents	0
0	Y42	Organic solvents excluding halogenated solvents	22
0	Y43	Any congenor of polychlorinated dibenzo-furan	0
0	Y44	Any congenor of polychlorinated dibenzo-p-dioxin	0
0	Y45	Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	0
71		**Categories of wastes requiring special consideration (Annex II)**	
0	Y46	Wastes collected from households	
0	Y47	Residues arising from the incineration of household wastes	
0		**Additional waste categories not included in Y-Codes**	

0
0
0
0
7
0
0
0
0
0
0
0
0
64
0
67
0
0
24
0
0
0

1	Other metal compounds	0
2	Other inorganic chemicals	0
3	Other organic chemicals	0
4	Putrescible/ organics waste	0
5	Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	0
6	Soils contaminated with residues of substances in Basel Y-codes 19-45	17
7	Sludges contaminated with residues of substances in Basel Y-codes 19-45	17
8	Tyres	0

nnes generated

Jan-Jun 2012	Jul-Dec 2012
57	67
0	0
0	0
0	0
0	0
0	0
0	0
206	377
101	103
0	71
8	0
0	36
1	0
100	24
0	0
0	0
0	0
0	0
0	28
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
22	0
0	0
224	186
0	0
0	0
7	6
81	46
0	64
0	0
0	0
0	0
0	0
1	0
7	0
0	0
0	0
0	0

0	0
0	0
5	7
0	0
29	0
0	0
0	0
0	0

QLD input to Australia's Basel Convention report

This worksheet translates data on Queensland regulated wastes into Basel codes (via NEPM codes)

Key

QLD regulated wastes

Ton

Code	Waste description	Waste type	Jul-Dec 2011
A	Waste from surface treatment of metals or plastics	A100	
	Waste from heat treatment or tempering operations that use cyanides	A110	
	Cyanides (inorganic)	A130	
B	Acidic solutions and acids in solid form	B100	
C	Basic (a;kaline) solutions or bases (alkalis) in solid form	C100	
D	Metal carbonyls.	D100	
	Inorganic fluorine compounds (other than calcium fluoride).	D110	
	Mercury and mercury compounds.	D120	
	Arsenic and arsenic compounds.	D130	
	Chromium compounds (hexavalent and trivalent).	D140	
	Cadmium and cadmium compounds.	D150	
	Beryllium and beryllium compounds.	D160	
	Antimony and antimony compounds.	D170	
	Thallium; thallium compounds	D180	
	Copper compounds.	D190	
	Nickel compounds.	D210	
	Lead and lead compounds including lead-acid batteries.	D220	
	Zinc compounds.	D230	
	Selenium and selenium compounds.	D240	
	Tellurium; tellurium compounds	D250	
	Vanadium compounds	D270	
	Barium compounds other than barium sulfate.	D290	
	Non-toxic salts, for example, saline effluent	D300	
	Boron compounds.	D310	
	Inorganic sulfides	D330	
	Perchlorates	D340	
	Chlorates	D350	
	Phosphorus compounds other than mineral phosphates	D360	
E	Waste containing peroxides other than hydrogen peroxide	E100	
F	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F100	
	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F110	
G	Ethers	G100	
	Organic solvents other than halogenated solvents, including, for example, ethanol	G110	
	Halogenated organic solvents	G150	
	Waste from the production, formulation and use of organic solvents	G160	
H	Waste from the production, formulation and use of biocides and phytopharmaceuticals	H100	
	Organic phosphorous compounds	H110	
	Waste from manufacture, formulation and use of wood-preserving chemicals	H170	
J	Mineral oils	J100	
	Oil and water mixtures or emulsions, or hydrocarbons and water mixtures or emulsions	J120	
	Tarry residues arising from refining, distillation, and any pyrolytic treatment	J160	
K	Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	K100	
	Grease trap waste	K110	
	Sewage sludge and residues including nightsoil and septic tank sludge	K130	
	Tannery wastes (including leather dust, ash, sludges and flours)	K140	
	Wool scouring wastes	K190	
M	Material containing polychlorinated biphenyls (PCB's), polychlorinated napthalenes (PCN's), polychlorinated terphenyls (PCT's) and/or	M100	
	Phenols, phenol compounds including chlorophenols	M150	
	Organo halogen compounds—other than substances referred to in this Table	M160	
	Polychlorinated dibenzo-furan (any congener)	M170	
	Polychlorinated dibenzo-p-dioxin (any congener)	M180	
	Cyanides (organic)	M210	
	Isocyanate compounds	M220	
	Triethylamine catalysts for setting foundry sands	M230	

	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	M250	
	Highly odorous organic chemicals (including mercaptans and acrylates)	M260	
N	Waste containers	N100	
	Fire debris and fire wash waters	N140	
	Fly ash.	N150	
	Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	N160	
	Filter cake	N190	
	Residues from industrial waste treatment/disposal operations	N205	
	Asbestos	N220	
R	Clinical and related wastes	R100	
	Pharmaceuticals, drugs and medicines	R120	
	Waste from the production and preparation of pharmaceutical products	R140	
T	Chemical waste arising from research and development or teaching activity, including new or unidentified material and material whose effects on human health or the environment are not known	T100	
	Waste from the production, formulation and use of photographic chemicals and processing materials	T120	
	Tyres	T140	
	Waste of an explosive nature other than explosives within the meaning of the Explosives Act 1999	T200	

Space for jurisdiction to enter data

Jurisdictional data as provided

Consultant to provide estimate

Data not collected

nes generated		National Environment Protectio		
Jan-Jun 2012	Jul-Dec 2012	"15" code	NEPM 15 waste description	"75" code
2,181	2,181	A	Plating and heat treatment	A100
0	0			A110
270	270			A130
6,570	6,570	B	Acids	B100
83,749	83,749	C	Alkalis	C100
48	48	D	Inorganic chemicals	D100
123	123			D110
208	208			D120
414	414			D130
578	578			D140
9	9			D150
0	0			D160
0	0			D170
0	0			D180
296	296			D190
62	62			D200
3,701	3,701			D210
231	231			D220
0	0			D230
0	0			D240
0	0			D250
0	0			D270
20,402	20,402			D290
1	1			D300
171	171			D310
0	0			D330
67	67			D340
214	214			D350
24	24			D360
6,692	6,692	E	Reactive chemicals	E100
630	630	F	Paints, resins, inks, organic sludges	F100
74	74			F110
1,060	1,060	G	Organic solvents	G100
73	73			G110
6,248	6,248			G150
1,000	1,000			G160
28	28	H	Pesticides	H100
122	122			H110
43,762	43,762			H170
84,700	84,700	J	Oils	J100
258	258			J120
24,837	24,837			J160
66,917	66,917	K	Putrescible/ organic waste	K100
				K110
3,075	3,075			K140
16,400	16,400			K190
1,028	1,028	M	Organic chemicals	M100
454	454			M150
12	12			M160
0	0			M170
0	0			M180
0	0			M210
24	24			M220
180	180			M230

966	966			M250
0	0			M260
		N	Soil/ sludge	N100
368	268			N120
2,391	2,391			N140
7,560	7,560			N150
2,972	2,972			N160
99,618	99,618			N190
58,240	58,240			N205
11,957	11,957			N220
654	654			N230
22	22	R	Clinical and pharmaceutical	R100
430	430			R120
185	185			R140
20,006	20,006	T	Miscellaneous	T100
908	908			T120
				T140
				T200

n (Movement of Controlled Waste between States and Territories) Measure	Tonnes generated		
Waste description (NEPM Schedule A, List 1)	Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012
Waste resulting from surface treatment of metals and plastics		2,181	2,181
Waste from heat treatment and tempering operations containing cyanides		0	0
Cyanides (inorganic)		270	270
Acidic solutions or acids in solid form		6,570	6,570
Basic solutions or bases in solid form		83,749	83,749
Metal carbonyls		48	48
Inorganic fluorine compounds excluding calcium fluoride		123	123
Mercury; mercury compounds		208	208
Arsenic; arsenic compounds		414	414
Chromium compounds (hexavalent and trivalent)		578	578
Cadmium; cadmium compounds		9	9
Beryllium; beryllium compounds		0	0
Antimony; antimony compounds		0	0
Thallium; thallium compounds		0	0
Copper compounds		296	296
Cobalt compounds			
Nickel compounds		62	62
Lead; lead compounds		3,701	3,701
Zinc compounds		231	231
Selenium; selenium compounds		0	0
Tellurium; tellurium compounds		0	0
Vanadium compounds		0	0
Barium compounds (excluding barium sulphate)		0	0
Non-toxic salts		20,402	20,402
Boron compounds		1	1
Inorganic sulfides		171	171
Perchlorates		0	0
Chlorates		67	67
Phosphorus compounds excluding mineral phosphates		214	214
Waste containing peroxides other than hydrogen peroxide		24	24
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish		6,692	6,692
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives		630	630
Ethers		74	74
Organic solvents excluding halogenated solvents		1,060	1,060
Halogenated organic solvents		73	73
Waste from the production, formulation and use of organic solvents		6,248	6,248
Waste from the production, formulation and use of biocides and phytopharmaceuticals		1,000	1,000
Organic phosphorous compounds		28	28
Waste from manufacture, formulation and use of wood-preserving chemicals		122	122
Waste mineral oils unfit for their original intended use		43,762	43,762
Waste oil/water, hydrocarbons/water mixtures or emulsions		84,700	84,700
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment		258	258
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)		24,837	24,837
Grease trap waste		66,917	66,917
Tannery wastes (including leather dust, ash, sludges and flours)		3,075	3,075
Wool scouring wastes		16,400	16,400
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes,		1,028	1,028
Phenols, phenol compounds including chlorophenols		454	454
Organo halogen compounds—other than substances referred to in this Table or Table 2		12	12
Polychlorinated dibenzo-furan (any congener)		0	0
Polychlorinated dibenzo-p-dioxin (any congener)		0	0
Cyanides (organic)		0	0
Isocyanate compounds		24	24
Triethylamine catalysts for setting foundry sands		180	180

Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials		966	966
Highly odorous organic chemicals (including mercaptans and acrylates)		0	0
Containers and drums that are contaminated with residues of substances referred to in this list			
Soils contaminated with a controlled waste			
Fire debris and fire wash waters		368	268
Fly ash, excluding fly ash generated from Australian coal fired power stations		2,391	2,391
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list		7,560	7,560
Filter cake contaminated with residues of substances referred to in this list		2,972	2,972
Residues from industrial waste treatment/disposal operations		99,618	99,618
Asbestos		58,240	58,240
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos			
Clinical and related wastes		11,957	11,957
Waste pharmaceuticals, drugs and medicines		654	654
Waste from the production and preparation of pharmaceutical products		22	22
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known		430	430
Waste from the production, formulation and use of photographic chemicals and processing materials		185	185
Tyres		20,006	20,006
Waste of an explosive nature not subject to other legislation		908	908

Basel Convention		Tonnes generated		
Code	Waste description (Annex 1)	Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012
Y1	Clinical wastes from medical care in hospitals, medical centres and clinics		11,957	11,957
Y2	Wastes from the production and preparation of pharmaceutical products		22	22
Y3	Waste pharmaceuticals, drugs and medicines		654	654
Y4	Wastes from the production…… of biocides and phytopharmaceuticals		1,000	1,000
Y5	Wastes from the manufacture…… of wood preserving chemicals		122	122
Y6	Wastes from the production, formulation and use of organic solvent		6,248	6,248
Y7	Wastes from heat treatment and tempering operations containing cyanides		0	0
Y8	Waste mineral oils unfit for their originally intended use		43,762	43,762
Y9	Waste oils/water, hydrocarbons/water mixtures, emulsion		84,700	84,700
Y10	Waste substances ….containing or contaminated with PCBs, PCTs, PBBs		1,028	1,028
Y11	Waste tarry residues ... from refining, distillation and any pyrolytic treatment		258	258
Y12	Wastes from production…… of inks, dyes, pigments, paints, etc		6,692	6,692
Y13	Wastes from production……resins, latex, plasticizers, glues, etc		630	630
Y14	Waste chemical substances arising ….. environment are not known		430	430
Y15	Wastes of an explosive nature not subject to other legislation		999	999
Y16	Wastes from production, formulation and use of photographic chemicals…		185	185
Y17	Wastes resulting from surface treatment of metals and plastics		2,181	2,181
Y18	Residues arising from industrial waste disposal operations		109,569	109,569
	Wastes having as constituents …			
Y19	Metal carbonyls		48	48
Y20	Beryllium; beryllium compounds		0	0
Y21	Hexavalent chromium compounds		578	578
Y22	Copper compounds		296	296
Y23	Zinc compounds		231	231
Y24	Arsenic; arsenic compounds		414	414
Y25	Selenium; selenium compounds		0	0
Y26	Cadmium; cadmium compounds		9	9
Y27	Antimony; antimony compounds		0	0
Y28	Tellurium; tellurium compounds		0	0
Y29	Mercury; mercury compounds		208	208
Y30	Thallium; thallium compounds		0	0
Y31	Lead; lead compounds		3,701	3,701
Y32	Inorganic fluorine compounds excluding calcium fluoride		123	123
Y33	Inorganic cyanides		270	270
Y34	Acidic solutions or acids in solid form		6,570	6,570
Y35	Basic solutions or bases in solid form		83,749	83,749
Y36	Asbestos (dust and fibres)		58,240	58,240
Y37	Organic phosphorus compounds		28	28
Y38	Organic cyanides		0	0
Y39	Phenols; phenol compounds including chlorophenols		454	454
Y40	Ethers		74	74
Y41	Halogenated organic solvents		73	73
Y42	Organic solvents excluding halogenated solvents		1,060	1,060
Y43	Any congenor of polychlorinated dibenzo-furan		0	0
Y44	Any congenor of polychlorinated dibenzo-p-dioxin		0	0
Y45	Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)		12	12
	Categories of wastes requiring special consideration (Annex II)			
Y46	Wastes collected from households			
Y47	Residues arising from the incineration of household wastes			
	Additional waste categories not included in Y-Codes			
1	Other metal compounds		62	62
2	Other inorganic chemicals		20,788	20,788
3	Other organic chemicals		1,170	1,170
4	Putrescible/ organic waste		111,229	111,229

5	Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics			
6	Soils contaminated with residues of substances in Basel Y-codes 19-45		0	0
7	Sludges contaminated with residues of substances in Basel Y-codes 19-45		3,340	3,240
8	Tyres		20,006	20,006

SA input to Australia's Basel Convention report

This worksheet translates data on South Australian listed wastes into Basel codes (via NEPM codes) **Key**

South Australia - listed wastes

Code	Waste description	Waste type
A	Waste resulting from surface treatment of metals and plastics	A100
	Waste from heat treatment and tempering operations containing cyanides	A110
	Cyanides (inorganic)	A130
B	Acidic solutions or acids in solid form	B100
C	Basic solutions or bases in solid form	C100
D	Metal carbonyls	D100
	Inorganic fluorine compounds excluding calcium fluoride	D110
	Mercury; mercury compounds	D120
	Arsenic; arsenic compounds	D130
	Chromium compounds (hexavalent and trivalent)	D140
	Cadmium; cadmium compounds	D150
	Beryllium; beryllium compounds	D160
	Antimony; antimony compounds	D170
	Thallium; thallium compounds	D180
	Copper compounds	D190
	Cobalt compounds	D200
	Nickel compounds	D210
	Lead; lead compounds	D220
	Zinc compounds	D230
	Selenium; selenium compounds	D240
	Tellurium; tellurium compounds	D250
	Vanadium compounds	D270
	Barium compounds (excluding barium sulphate)	D290
	Non toxic salts	D300
	Boron compounds	D310
	Inorganic sulfides	D330
	Perchlorates	D340
	Chlorates	D350
	Phosphorus compounds excluding mineral phosphates	D360
E	Waste containing peroxides other than hydrogen peroxide	E100
	Waste of an explosive nature not subject to other legislation	E120
F	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F100
	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F110
G	Ethers	G100
	Organic solvents excluding halogenated solvents	G110
	Halogenated organic solvents	G150
	Waste from the production, formulation and use of organic solvents	G160
H	Waste from the production, formulation and use of biocides and phytopharmaceuticals	H100
	Organic phosphorous compounds	H110
	Waste from manufacture, formulation and use of wood-preserving chemicals	H170
J	Waste mineral oils unfit for their original intended use	J100
	Waste oil/water, hydrocarbons/water mixtures or emulsions	J120
	Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	J160
K	Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	K100
	Grease trap waste	K110
	Sewage sludge and residues including nightsoil and septic tank sludge	K130
	Tannery wastes (including leather dust, ash, sludges and flours)	K140
	Wool scouring wastes	K190
M	Waste substances and articles containing or contaminated with polychlorinated biphenyls [(PCBs), polychlorinated napthalenes (PCNs), polychlorinated terphenyls (PCTs) and/or polybrominated biphenyls (PBBs)]	M100
	Phenols, phenol compounds including chlorophenols	M150
	Organohalogen compounds – other than substances referred to in this list	M160
	Polychlorinated dibenzo–furan (any congener)	M170
	Polychlorinated dibenzo–p–dioxin (any congener)	M180
	Cyanides (organic)	M210
	Isocyanate compounds	M220
	Triethylamine catalysts for setting foundry sands	M230
	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	M250
	Highly odorous organic chemicals (including mercaptans and acrylates)	M260
N	Containers and drums which are contaminated with residues of substances referred to in this list	N100
	Soils contaminated with a controlled waste	N120

	Fire debris and fire washwaters	N140
	Fly ash	N150
	Encapsulated, chemically fixed, solidified or polymerised wastes	N160
	Filter cake	N190
	Residues from industrial waste treatment/disposal operations	N205
	Asbestos	N220
	Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	N230
R	Clinical and related wastes	R100
	Waste pharmaceuticals, drugs and medicines	R120
	Waste from the production and preparation of pharmaceutical products	R140
	Waste chemical substances arising from research and development or teaching activities including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	T100
T	Waste from the production, formulation and use of photographic chemicals and processing materials	T120
	Tyres	T140

	Space for jurisdiction to enter data
	Jurisdictional data as provided
	Consultant to provide estimate
	Data not collected

Tonnes generated			National Environment Protection (Mo		
Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012	"15" code	NEPM 15 waste description	"75" code
33	93	43	A	Plating and heat treatment	A100
					A110
5	6	8			A130
864	272	263	B	Acids	B100
142,273	30,022	35,554	C	Alkalis	C100
3		28	D	Inorganic chemicals	D100
		26			D110
12	87	9			D120
486	3				D130
6	2				D140
1	0	4			D150
		1			D160
					D170
	0				D180
73	10	18			D190
					D200
4	9	5			D210
1,234	15,504	2,705			D220
10,336	10,089	25,188			D230
					D240
					D250
					D270
					D290
237	253	4,220			D300
					D310
47					D330
		0			D340
4					D350
					D360
3		2	E	Reactive chemicals	E100
		0	F	Paints, resins, inks, organic sludges	F100
1,085	852	1,435			F110
142	129	103	G	Organic solvents	G100
5	2	3			G110
777	839	287			G150
57	72	51			G160
0	7		H	Pesticides	H100
118	24	25			H110
47	22	39			H170
648	146	2	J	Oils	J100
757	460	689			J120
535	1,282	1,260			J160
69	19	26	K	Putrescible/ organic waste	K100
	0	2,925			K110
0	1	24			K140
16		993			K190
			M	Organic chemicals	M100
0					M150
15	3	11			M160
	0				M170
3	2	1			M180
					M210
					M220
					M230
		2			M250
6		2,402			M260
2	13	7	N	Soil/ sludge	N100
9		17			N120
177	195	195			N140
164,599	295,709	143,752			N150

27	4	0			N160
257	231	265			N190
45	11	65			N205
215	259	184			N220
42,862	26,129	33,734			N230
10,822	11,974	9,410	R	Clinical and pharmaceutical	R100
11	16	10			R120
3,123	3,227	3,248			R140
192	148	178	T	Miscellaneous	T100
1		0			T120
200	205	192			T140
10	10	10			T200

Total, 2011/12 780,792

ovement of Controlled Waste between States and Territories) Measure	Tonnes generate	
Waste description (NEPM Schedule A, List 1)	**Jul-Dec 2011**	**Jan-Jun 2012**
Waste resulting from surface treatment of metals and plastics	33	93
Waste from heat treatment and tempering operations containing cyanides		
Cyanides (inorganic)	5	6
Acidic solutions or acids in solid form	864	272
Basic solutions or bases in solid form	142,273	30,022
Metal carbonyls	3	
Inorganic fluorine compounds excluding calcium fluoride		
Mercury; mercury compounds	12	87
Arsenic; arsenic compounds	486	3
Chromium compounds (hexavalent and trivalent)	6	2
Cadmium; cadmium compounds	1	0
Beryllium; beryllium compounds		
Antimony; antimony compounds		
Thallium; thallium compounds		0
Copper compounds	73	10
Cobalt compounds		
Nickel compounds	4	9
Lead; lead compounds	1,234	15,504
Zinc compounds	10,336	10,089
Selenium; selenium compounds		
Tellurium; tellurium compounds		
Vanadium compounds		
Barium compounds (excluding barium sulphate)		
Non-toxic salts	237	253
Boron compounds		
Inorganic sulfides	47	
Perchlorates		
Chlorates	4	
Phosphorus compounds excluding mineral phosphates		
Waste containing peroxides other than hydrogen peroxide	3	
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	1,085	852
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	142	129
Ethers	5	2
Organic solvents excluding halogenated solvents	777	839
Halogenated organic solvents	57	72
Waste from the production, formulation and use of organic solvents	0	7
Waste from the production, formulation and use of biocides and phytopharmaceuticals	118	24
Organic phosphorous compounds	47	22
Waste from manufacture, formulation and use of wood-preserving chemicals	648	146
Waste mineral oils unfit for their original intended use	757	460
Waste oil/water, hydrocarbons/water mixtures or emulsions	535	1,282
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	69	19
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)		0
Grease trap waste	0	1
Tannery wastes (including leather dust, ash, sludges and flours)		
Wool scouring wastes	0	
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls	15	3
Phenols, phenol compounds including chlorophenols		0
Organo halogen compounds—other than substances referred to in this Table or Table 2	3	2
Polychlorinated dibenzo-furan (any congener)		
Polychlorinated dibenzo-p-dioxin (any congener)		
Cyanides (organic)		
Isocyanate compounds		
Triethylamine catalysts for setting foundry sands	6	
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	2	13
Highly odorous organic chemicals (including mercaptans and acrylates)	9	
Containers and drums that are contaminated with residues of substances referred to in this list	177	195
Soils contaminated with a controlled waste	164,599	295,709
Fire debris and fire wash waters	27	4
Fly ash, excluding fly ash generated from Australian coal fired power stations	257	231

Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	45	11
Filter cake contaminated with residues of substances referred to in this list	215	259
Residues from industrial waste treatment/disposal operations	42,862	26,129
Asbestos	10,822	11,974
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	11	16
Clinical and related wastes	3,123	3,227
Waste pharmaceuticals, drugs and medicines	192	148
Waste from the production and preparation of pharmaceutical products	1	
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	200	205
Waste from the production, formulation and use of photographic chemicals and processing materials	10	10
Tyres		
Waste of an explosive nature not subject to other legislation		

ed	Basel Convention		To
Jul-Dec 2012	Code	Waste description (Annex 1)	Jul-Dec 2011
43	Y1	Clinical wastes from medical care in hospitals, medical centres and clinics	3,123
	Y2	Wastes from the production and preparation of pharmaceutical products	1
8	Y3	Waste pharmaceuticals, drugs and medicines	192
263	Y4	Wastes from the production…… of biocides and phytopharmaceuticals	118
35,554	Y5	Wastes from the manufacture…… of wood preserving chemicals	648
28	Y6	Wastes from the production, formulation and use of organic solvent	0
26	Y7	Wastes from heat treatment and tempering operations containing cyanides	
9	Y8	Waste mineral oils unfit for their originally intended use	757
	Y9	Waste oils/water, hydrocarbons/water mixtures, emulsion	535
	Y10	Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	15
4	Y11	Waste tarry residues ... from refining, distillation and any pyrolytic treatment	69
1	Y12	Wastes from production…… of inks, dyes, pigments, paints, etc	1,085
	Y13	Wastes from production……resins, latex, plasticizers, glues, etc	142
	Y14	Waste chemical substances arising ….. environment are not known	200
18	Y15	Wastes of an explosive nature not subject to other legislation	7
	Y16	Wastes from production, formulation and use of photographic chemicals…	10
5	Y17	Wastes resulting from surface treatment of metals and plastics	33
2,705	Y18	Residues arising from industrial waste disposal operations	43,175
25,188		**Wastes having as constituents …**	
	Y19	Metal carbonyls	3
	Y20	Beryllium; beryllium compounds	
	Y21	Hexavalent chromium compounds	6
	Y22	Copper compounds	73
4,220	Y23	Zinc compounds	10,336
	Y24	Arsenic; arsenic compounds	486
	Y25	Selenium; selenium compounds	
0	Y26	Cadmium; cadmium compounds	1
	Y27	Antimony; antimony compounds	
	Y28	Tellurium; tellurium compounds	
2	Y29	Mercury; mercury compounds	12
1,435	Y30	Thallium; thallium compounds	
103	Y31	Lead; lead compounds	1,234
3	Y32	Inorganic fluorine compounds excluding calcium fluoride	
287	Y33	Inorganic cyanides	5
51	Y34	Acidic solutions or acids in solid form	864
	Y35	Basic solutions or bases in solid form	142,273
25	Y36	Asbestos (dust and fibres)	10,822
39	Y37	Organic phosphorus compounds	47
2	Y38	Organic cyanides	
689	Y39	Phenols; phenol compounds including chlorophenols	
1,260	Y40	Ethers	5
26	Y41	Halogenated organic solvents	57
2,925	Y42	Organic solvents excluding halogenated solvents	777
24	Y43	Any congenor of polychlorinated dibenzo-furan	
	Y44	Any congenor of polychlorinated dibenzo-p-dioxin	
	Y45	Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	3
11		**Categories of wastes requiring special consideration (Annex II)**	
	Y46	Wastes collected from households	
1	Y47	Residues arising from the incineration of household wastes	
		Additional waste categories not included in Y-Codes	
	1	Other metal compounds	4
	2	Other inorganic chemicals	284
2	3	Other organic chemicals	16
2,402	4	Putrescible/ organic waste	1
7	5	Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	177
17	6	Soils contaminated with residues of substances in Basel Y-codes 19-45	164,599
195	7	Sludges contaminated with residues of substances in Basel Y-codes 19-45	242
143,752	8	Tyres	
0			
265			

65
184
33,734
9,410
10
3,248
178
0
192
10
0

onnes generated	
Jan-Jun 2012	Jul-Dec 2012
3,227	3,248
	0
148	178
24	25
146	2
7	
460	689
1,282	1,260
3	11
19	26
852	1,435
129	103
205	192
0	2
10	10
93	43
26,386	34,074
	28
	1
2	
10	18
10,089	25,188
3	
0	4
87	9
0	
15,504	2,705
	26
6	8
272	263
30,022	35,554
11,974	9,410
22	39
0	
2	3
72	51
839	287
2	1
9	5
253	4,220
13	2,428
1	2,949
195	195
295,709	143,752
263	184

Tasmania input to Australia's Basel Convention report

This worksheet translates data on Tasmanian prescribed wastes into Basel codes (via NEPM codes) **Key**

TAS - Prescribed Wastes

Code	Waste description	Waste type
A	Waste resulting from surface treatment of metals and plastics	A100
	Waste from heat treatment and tempering operations containing cyanides	A110
	Cyanides (inorganic)	A130
B	Acidic solutions or acids in solid form	B100
C	Basic solutions or bases in solid form	C100
D	Metal carbonyls	D100
	Inorganic fluorine compounds excluding calcium fluoride	D110
	Mercury; mercury compounds	D120
	Arsenic; arsenic compounds	D130
	Chromium compounds (hexavalent and trivalent)	D140
	Cadmium; cadmium compounds	D150
	Beryllium; beryllium compounds	D160
	Antimony; antimony compounds	D170
	Thallium; thallium compounds	D180
	Copper compounds	D190
	Cobalt compounds	D200
	Nickel compounds	D210
	Lead; lead compounds	D220
	Zinc compounds	D230
	Selenium; selenium compounds	D240
	Tellurium; tellurium compounds	D250
	Vanadium compounds	D270
	Barium compounds (excluding barium sulphate)	D290
	Non toxic salts	D300
	Boron compounds	D310
	Inorganic sulfides	D330
	Perchlorates	D340
	Chlorates	D350
	Phosphorus compounds excluding mineral phosphates	D360
E	Waste containing peroxides other than hydrogen peroxide	E100
	Waste of an explosive nature not subject to other legislation	E120
F	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	F100
	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	F110
G	Ethers	G100
	Organic solvents excluding halogenated solvents	G110
	Halogenated organic solvents	G150
	Waste from the production, formulation and use of organic solvents	G160
H	Waste from the production, formulation and use of biocides and phytopharmaceuticals	H100
	Organic phosphorus compounds	H110
	Waste from manufacture, formulation and use of wood-preserving chemicals	H170
J	Waste mineral oils unfit for their original intended use	J100
	Waste oil/water, hydrocarbons/water mixtures or emulsions	J120
	Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	J160
K	Animal effluent and residues (abattoir effluent, poultry and fish processing waste)	K100
	Grease trap waste	K110
	Sewage sludge, sewage residue, nightsoil or sludge from an on-site waste water management system	K130
	Tannery wastes (including leather dust, ash, sludges and flours)	K140
	Wool scouring waste	K190
M	Waste substances and articles containing or contaminated with polychlorinated biphenyls (PCBs), polychlorinated naphthalenes (PCNs), polychlorinated terphenyls (PCTs) and/or polybrominated biphenyls (PBBs)	M100
	Phenols, phenol compounds including chlorophenols	M150

	Organohalogen compounds - other than substances referred to in this list	M160
	Polychlorinated dibenzo-furan (any congener)	M170
	Polychlorinated dibenzo-p-dioxin (any congener)	M180
	Cyanides (organic)/nitriles	M210
	Isocyanate compounds	M220
	Triethylamine catalysts for setting foundry sands	M230
	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	M250
	Highly odorous organic chemicals (including mercaptans and acrylates)	M260
N	Containers which are contaminated with residues of substances referred to in this list	N100
	Soils contaminated with a controlled waste	N120
	Fire debris and fire washwaters	N140
	Fly ash excluding fly ash generated from Australian coal fired power stations	N150
	Encapsulated, chemically-fixed, solidified or polymerised wastes (referred to in this list)	N160
	Filter cake contaminated with residues of substances referred to in this list	N190
	Asbestos	N220
	Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos	N230
Q	A waste within the meaning of the Quarantine Regulations 2000 of the Commonwealth, as amended	Q100
	Exhibits an environmentally significant characteristic and is derived or arises from an agvet chemical as defined in the Dangerous Substances (Safe Handling) Act 2005	Q200
	Exhibits an environmentally significant characteristic and is derived or arises from dangerous goods as defined in the Dangerous Goods	Q300
	Exhibits an environmentally significant characteristic and is derived or arises from a poison as defined in the Poisons Act 1971	Q400
	Exhibits an environmentally significant characteristic and is derived or arises from a scheduled waste within the meaning of a National Management Plan*	Q500
R	Clinical and related wastes	R100
	Waste pharmaceuticals, drugs and medicines	R120
	Waste from the production and preparation of pharmaceutical products	R140
T	Waste chemical substances arising from research and development or teaching activities including those which are not identified and/or are new and whose effects on human health and/or the environment are not known.	T100
	Waste from the production, formulation and use of photographic chemicals and processing materials	T120
	Tyres	T140
	Residues from industrial waste treatment/disposal operations	T190
	Oxidising Agents	T200
	Reactive chemicals	T210
	Reducing agents	T220

	Space for jurisdiction to enter data
	Jurisdictional data as provided
	Consultant to provide estimate
	Data not collected

Tonnes generated			National Environment Protection (M		
Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012	"15" code	NEPM 15 waste description	"75" code
			A	Plating and heat treatment	A100
					A110
					A130
		20	B	Acids	B100
		1	C	Alkalis	C100
			D	Inorganic chemicals	D100
					D110
		0			D120
					D130
					D140
		2			D150
					D160
					D170
					D180
					D190
					D200
					D210
		159			D220
		47,623			D230
					D240
					D250
					D270
					D290
		1,645			D300
					D310
					D330
					D340
					D350
					D360
		0	E	Reactive chemicals	E100
			F	Paints, resins, inks, organic sludges	F100
		0			F110
			G	Organic solvents	G100
					G110
		241			G150
		22			G160
			H	Pesticides	H100
					H110
					H170
			J	Oils	J100
		50			J120
		140			J160
			K	Putrescible/ organic waste	K100
					K110
					K140
					K190
			M	Organic chemicals	M100
					M150
		0			M160
					M170

		0
		0
		4
		7
		0
		3
		13
		6
		3

		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

ovement of Controlled Waste between States and Territories) Measure Tonnes generat

Waste description (NEPM Schedule A, List 1)	Jul-Dec 2011	Jan-Jun 2012
Waste resulting from surface treatment of metals and plastics		
Waste from heat treatment and tempering operations containing cyanides		
Cyanides (inorganic)		
Acidic solutions or acids in solid form		
Basic solutions or bases in solid form		
Metal carbonyls		
Inorganic fluorine compounds excluding calcium fluoride		
Mercury; mercury compounds		
Arsenic; arsenic compounds		
Chromium compounds (hexavalent and trivalent)		
Cadmium; cadmium compounds		
Beryllium; beryllium compounds		
Antimony; antimony compounds		
Thallium; thallium compounds		
Copper compounds		
Cobalt compounds		
Nickel compounds		
Lead; lead compounds		
Zinc compounds		
Selenium; selenium compounds		
Tellurium; tellurium compounds		
Vanadium compounds		
Barium compounds (excluding barium sulphate)		
Non-toxic salts		
Boron compounds		
Inorganic sulfides		
Perchlorates		
Chlorates		
Phosphorus compounds excluding mineral phosphates		
Waste containing peroxides other than hydrogen peroxide		
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish		
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives		
Ethers		
Organic solvents excluding halogenated solvents		
Halogenated organic solvents		
Waste from the production, formulation and use of organic solvents		
Waste from the production, formulation and use of biocides and phytopharmaceuticals		
Organic phosphorous compounds		
Waste from manufacture, formulation and use of wood-preserving chemicals		
Waste mineral oils unfit for their original intended use		
Waste oil/water, hydrocarbons/water mixtures or emulsions		
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment		
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)		
Grease trap waste		
Tannery wastes (including leather dust, ash, sludges and flours)		
Wool scouring wastes		
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls		
Phenols, phenol compounds including chlorophenols		
Organo halogen compounds—other than substances referred to in this Table or Table 2		
Polychlorinated dibenzo-furan (any congener)		

Polychlorinated dibenzo-p-dioxin (any congener)		
Cyanides (organic)		
Isocyanate compounds		
Triethylamine catalysts for setting foundry sands		
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials		
Highly odorous organic chemicals (including mercaptans and acrylates)		
Containers and drums that are contaminated with residues of substances referred to in this list		
Soils contaminated with a controlled waste		
Fire debris and fire wash waters		
Fly ash, excluding fly ash generated from Australian coal fired power stations		
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list		
Filter cake contaminated with residues of substances referred to in this list		
Residues from industrial waste treatment/disposal operations		
Asbestos		
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos		
Clinical and related wastes		
Waste pharmaceuticals, drugs and medicines		
Waste from the production and preparation of pharmaceutical products		
Waste chemical substances arising from research and development or teaching activities, including those which are not		
Waste from the production, formulation and use of photographic chemicals and processing materials		
Tyres		
Waste of an explosive nature not subject to other legislation		

ted	Basel Convention		Tonnes gener	
Jul-Dec 2012	Code	Waste description (Annex 1)	Jul-Dec 2011	Jan-Jun 2012
	Y1	Clinical wastes from medical care in hospitals, medical centres and clinics		
	Y2	Wastes from the production and preparation of pharmaceutical products		
	Y3	Waste pharmaceuticals, drugs and medicines		
20	Y4	Wastes from the production…... of biocides and phytopharmaceuticals		
1	Y5	Wastes from the manufacture…... of wood preserving chemicals		
	Y6	Wastes from the production, formulation and use of organic solvent		
	Y7	Wastes from heat treatment and tempering operations containing cyanides		
0	Y8	Waste mineral oils unfit for their originally intended use		
	Y9	Waste oils/water, hydrocarbons/water mixtures, emulsion		
	Y10	Waste substances ….containing or contaminated with PCBs, PCTs, PBBs		
2	Y11	Waste tarry residues ... from refining, distillation and any pyrolytic treatment		
	Y12	Wastes from production…... of inks, dyes, pigments, paints, etc		
	Y13	Wastes from production……resins, latex, plasticizers, glues, etc		
	Y14	Waste chemical substances arising ….. environment are not known		
	Y15	Wastes of an explosive nature not subject to other legislation		
	Y16	Wastes from production, formulation and use of photographic chemicals…		
	Y17	Wastes resulting from surface treatment of metals and plastics		
159	Y18	Residues arising from industrial waste disposal operations		
47,623		**Wastes having as constituents …**		
	Y19	Metal carbonyls		
	Y20	Beryllium; beryllium compounds		
	Y21	Hexavalent chromium compounds		
	Y22	Copper compounds		
1,645	Y23	Zinc compounds		
	Y24	Arsenic; arsenic compounds		
	Y25	Selenium; selenium compounds		
	Y26	Cadmium; cadmium compounds		
	Y27	Antimony; antimony compounds		
	Y28	Tellurium; tellurium compounds		
0	Y29	Mercury; mercury compounds		
	Y30	Thallium; thallium compounds		
0	Y31	Lead; lead compounds		
	Y32	Inorganic fluorine compounds excluding calcium fluoride		
	Y33	Inorganic cyanides		
241	Y34	Acidic solutions or acids in solid form		
22	Y35	Basic solutions or bases in solid form		
	Y36	Asbestos (dust and fibres)		
	Y37	Organic phosphorus compounds		
	Y38	Organic cyanides		
	Y39	Phenols; phenol compounds including chlorophenols		
50	Y40	Ethers		
140	Y41	Halogenated organic solvents		
	Y42	Organic solvents excluding halogenated solvents		
	Y43	Any congenor of polychlorinated dibenzo-furan		
	Y44	Any congenor of polychlorinated dibenzo-p-dioxin		
	Y45	Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)		
0		**Categories of wastes requiring special consideration (Annex II)**		
	Y46	Wastes collected from households		
0	Y47	Residues arising from the incineration of household wastes		
		Additional waste categories not included in Y-Codes		

	1	Other metal compounds		
	2	Other inorganic chemicals		
	3	Other organic chemicals		
0	4	Putrescible/ organic waste		
4	5	Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics		
	6	Soils contaminated with residues of substances in Basel Y-codes 19-45		
7	7	Sludges contaminated with residues of substances in Basel Y-codes 19-45		
	8	Tyres		
0				
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nput to Australia's Basel Convention report

orksheet translates data on Victorian prescribed wastes into Basel codes (via NEPM codes)

rescribed wastes

Waste description
Cyanide-containing wastes.
Acids in a solid form or acidic solution with pH value of 4 or less.
Alkaline solids or alkaline solutions with pH value of 9 or more. Includes, but is not limited to: caustic soda, alkaline cleaners, and waste lime.
Metal carbonyls.
Inorganic fluorine compounds (excluding calcium fluoride).
Mercury and mercury compounds.
Equipment and articles containing mercury.
Arsenic and arsenic compounds.
Chromium compounds (hexavalent and trivalent).
Tannery wastes containing chromium.
Cadmium and cadmium compounds.
Beryllium and beryllium compounds.
Antimony and antimony compounds.
Thallium; thallium compounds
Copper compounds.
Cobalt and cobalt compounds.
Nickel compounds.
Lead and lead compounds.
Zinc compounds.
Selenium and selenium compounds.
Waste from the production, formulation and use of photographic chemicals and processing materials (containing silver).
Barium compounds.
Non-toxic salts (e.g. sodium chloride, calcium chloride).
Boron compounds.
Inorganic sulfur-containing compounds.
Phosphorus compounds, excluding mineral phosphates.
Inorganic chemicals, NOS.
Smelter waste containing prescribed waste.
Oxidising agents, including peroxides, NOS.
Waste of an explosive nature not subject to other legislation, including azides.
Highly reactive chemicals, NOS.
Aqueous-based wastes from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish.
Aqueous-based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives.
Solvent-based wastes from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish.
Solvent-based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives.
Ethers and highly flammable hydrocarbons, such as petrol and jet fuel.
Non-halogenated organic solvents.
Dry-cleaning wastes containing organic solvents, such as perchloroethylene.
Halogenated organic solvents.
Wastes from the production, formulation and use of organic solvents, NOS.
Waste from the production, formulation and use of biocides and phytopharmaceuticals, NOS.
Organophosphorus pesticides.

Mixed pesticide residue.
Copper-chrome-arsenic (CCA).
Waste oils unfit for their original intended use (lubricating, hydraulic).
Waste hydrocarbons.
Waste oils and water mixtures or emulsions, and hydrocarbon and water mixtures or emulsions.
Triple interceptor waste and stormwater contaminated with oil or hydrocarbons.
Transformer fluids (excluding PCBs).
Other (cutting oils, soluble oils).
Tarry residues arising from refining, distillation and any pyrolytic treatment.
Used oil filters. Note: this waste must be reused or recycled and is prohibited from disposal to landfill.
Animal effluent and residues. Examples: abattoir wastes, poultry wastes, fish and shellfish wastes.
Grease interceptor trap effluent.
Tannery wastes (not containing chromium) and wool scouring wastes.
Food and beverage processing wastes, including animal and vegetable oils and derivatives.
Car and truck washwaters.
Industrial washwaters from cleaning, rinsing or washing operations, NOS. Examples: textile cleaning/processing effluent NOS, industrial plant and machinery washwaters, cooling tower washwaters.
Polychlorinated biphenyls (PCBs) (PCBs >50 mg per kg).
Waste substances and articles containing or contaminated with polychlorinated biphenyls (PCBs) ([PCBs] >50 mg per kg).
Solvents, oils and materials contaminated with PCBs ([PCBs] >2 mg per kg and [PCBs] <50 mg per kg).
Non-halogenated organic chemicals (non solvent), NOS. Examples: glycol coolant, radiator fluid, brake fluid.
Phenol and phenol compounds, including halogenated phenols.
Halogenated organic chemicals, NOS.
Isocyanate compounds (organic).
Amines and other nitrogen compounds.
Detergents and surface active agents (surfactants).
Highly odorous organic chemicals (including mercaptans and acrylates).
Prescribed waste residues in rigid steel or plastic containers with an original volume less than 200 litres (hazardous substances to be specified).
Prescribed waste residues in rigid steel or plastic containers with an original volume greater than or equal to 200 litres (hazardous substances to be specified). Note: this waste must be reused or recycled and is prohibited from disposal to landfill.
Prescribed waste residues in bags or containers not specified under N100 and N105 (hazardous substances to be specified).
Category A contaminated soil - hazardous substances to be specified. (Refer to EPA guidance material for details on identifying Hazard Category). Note: these wastes must not be disposed directly to landfill without prior treatment.
Category B contaminated soil - hazardous substances to be specified. (Refer to EPA guidance material for details on identifying Hazard Category).
Category C contaminated soil - hazardous substances to be specified. (Refer to EPA guidance material for details on identifying Hazard Category).
Spent catalysts (must specify contaminants).
Fire debris and fire wash-waters that are contaminated with chemicals (must specify contaminants).
Fly ash.
Prescribed industrial wastes that are immobilised in accordance with a classification issued by EPA.
Prescribed industrial wastes that are chemically fixed and/or encapsulated.
Prescribed industrial waste that are solidified or polymerised.
Filter cake.
Ion-exchange column residues.
Residues from pollution control operations, NOS. Examples: activated carbon, baghouse dust, residues from industrial waste disposal operations.
Asbestos.
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos.
Absorbents contaminated with prescribed waste residues, such as rags contaminated with oils, hydrocarbons and organic solvents (must specify contaminants).

Solid wastes contaminated with prescribed waste residues, NOS (must specify contaminants). Examples: contaminated bricks and concrete, contaminated steel, shredder floc.
Clinical and related wastes, NOS (biomedical waste).
Pathogenic substances and quarantine wastes.
Waste from the use of pharmaceutical products, NOS.
Cytotoxic substances.
Waste from the production of pharmaceutical products and cosmetics, NOS.
Waste chemical substances arising from laboratories, research and development, or teaching activities.
Waste from the production, formulation and use of photographic chemicals and processing materials (which do not contain silver).
Inert sludges or slurries, such as clay or ceramic suspensions, drilling mud, and pit water with negligible hydrocarbon contamination.
Foundry sands.
Waste chemicals in small quantities, NOS, such as collected household chemicals.

Key	
	Space for jurisdiction to enter data
	Jurisdictional data as provided
	Consultant to provide estimate
	Data not collected

Waste type	Tonnes generated		
	Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012
A100	8	7	21
B100	5,112	5,529	5,551
C100	3,786	4,449	4,146
D100	5	3	6
D110	3	0	3
D120	18	7	2
D121	2	3	6
D130	1	19	49
D140	29	131	35
D141	103	44	61
D150	1	9	1
D160	10	0	0
D170	8	0	9
D180	0	0	6
D190	6	11	34
D200	0	0	0
D210	98	104	163
D220	1,120	996	940
D230	5,561	5,875	6,703
D240	0	0	0
D261	291	354	241
D290	7	1	5
D300	3,708	1,641	1,661
D310	6	2	3
D330	21	1	0
D360	0	0	0
D390	74	97	175
D400	1,149	1,812	663
E100	4	13	16
E120	9	0	1
E130	0	10	0
F100	4,032	4,025	4,629
F110	1,706	1,177	988
F120	5,942	6,268	5,726
F130	159	82	195
G100	1,119	474	821
G110	2,767	2,337	2,194
G130	63	41	61
G150	44	35	40
G160	537	438	610
H100	61	11	6
H110	5	5	10

National Environment Pro	
"15" code	NEPM 15 waste description
A	Plating and heat treatment
B	Acids
C	Alkalis
D	Inorganic chemicals
E	Reactive chemicals
F	Paints, resins, inks, organic sludges
G	Organic solvents
H	Pesticides
J	Oils

H160	373	185	265
H170	0	0	0
J100	6,781	6,647	6,726
J110	516	689	684
J120	31,917	28,140	27,715
J130	11,421	11,510	11,904
J140	694	446	573
J150	632	467	360
J160	190	237	448
J170	1,166	1,244	1,367
K100	11,416	5,389	5,130
K120	47,962	48,062	51,113
K140	528	475	639
K200	21,476	20,737	24,752
L100	3,387	3,139	3,568
L150	25,880	23,292	27,531
M100	46	196	16
M110	8	49	2
M120	85	65	134
M130	57	86	82
M150	0	0	1
M160	2	4	25
M220	6	17	6
M230	9	19	77
M250	381	390	179
M260	0	8	21
N100	2,507	3,747	4,246
N105	171	433	687
N110	4,404	3,716	3,850
N119	3,126	1,936	1,479
N120	10,697	10,223	17,402
N121	184,299	159,003	181,146
N130	527	159	102
N140	0	98	494
N150	279	226	213
N160	141	112	259
N170	12,923	9,923	11,216
N180	182	428	424
N190	3,272	2,552	2,416
N200	40	59	107
N210	2,432	3,866	12,392
N220	29,078	28,923	45,852
N230	72	36	34
N250	2,141	2,087	2,602

K	Putrescible/ organic
M	Organic chemicals
N	Soil/ sludge
R	Clinical and pharmaceutical
T	Miscellaneous

N260	2,920	1,421	941
R100	4,908	4,982	5,012
R110	20	38	33
R120	437	370	629
R130	191	483	313
R140	196	200	201
T100	479	478	559
T120	222	133	115
T130	1,070	885	1,304
T160	234	230	156
T170	0	0	0
	469,476	424,251	493,283

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A100
A110
A130
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E100
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H100
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J120
J160

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R100
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R140
T100
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T140
T200

Movement of Controlled Waste between States and Territories) Measure

Waste description (NEPM Schedule A, List 1)
Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment

Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes,
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations
Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Tonnes generated			Basel Cor
Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012	Code
			Y1
			Y2
8	7	21	Y3
6,261	7,341	6,214	Y4
3,786	4,449	4,146	Y5
5	3	6	Y6
3	0	3	Y7
20	10	8	Y8
1	19	49	Y9
132	175	96	Y10
1	9	1	Y11
10	0	0	Y12
8	0	9	Y13
0	0	6	Y14
46	70	141	Y15
0	0	0	Y16
98	104	163	Y17
1,647	1,155	1,042	Y18
5,561	5,875	6,703	
0	0	0	Y19
			Y20
			Y21
7	1	5	Y22
3,782	1,738	1,836	Y23
6	2	3	Y24
21	1	0	Y25
0	5	0	Y26
0	5	0	Y27
0	0	0	Y28
4	13	16	Y29
9,974	10,293	10,355	Y30
1,865	1,259	1,183	Y31
1,119	474	821	Y32
2,824	2,423	2,276	Y33
107	76	101	Y34
537	438	610	Y35
434	196	271	Y36
5	5	10	Y37
0	0	0	Y38
9,789	9,493	9,710	Y39
43,338	39,650	39,619	Y40
190	237	448	Y41

32,892	26,126	29,882	**Y42**
47,962	48,062	51,113	**Y43**
264	238	320	**Y44**
264	238	320	**Y45**
139	310	152	
0	0	1	**Y46**
2	4	25	**Y47**
			1
			2
6	17	6	3
9	19	77	4
381	390	179	5
0	8	21	6
9,223	9,983	11,385	7
199,426	172,277	201,487	
0	98	494	
279	226	213	
16,166	11,884	12,840	
3,272	2,552	2,416	
2,432	3,866	12,392	
29,078	28,923	45,852	
72	36	34	
5,119	5,503	5,358	
437	370	629	
196	200	201	
479	478	559	
513	487	356	
9	10	1	

440,209 397,830 462,184

nvention	T
Waste description (Annex 1)	**Jul-Dec 2011**
Clinical wastes from medical care in hospitals, medical centres and clinics	5,119
Wastes from the production and preparation of pharmaceutical products	196
Waste pharmaceuticals, drugs and medicines	437
Wastes from the production…… of biocides and phytopharmaceuticals	434
Wastes from the manufacture…… of wood preserving chemicals	0
Wastes from the production, formulation and use of organic solvent	537
Wastes from heat treatment and tempering operations containing cyanides	8
Waste mineral oils unfit for their originally intended use	9,789
Waste oils/water, hydrocarbons/water mixtures, emulsion	43,338
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	139
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	190
Wastes from production…… of inks, dyes, pigments, paints, etc	9,974
Wastes from production……resins, latex, plasticizers, glues, etc	1,865
Waste chemical substances arising ….. environment are not known	479
Wastes of an explosive nature not subject to other legislation	13
Wastes from production, formulation and use of photographic chemicals…	513
Wastes resulting from surface treatment of metals and plastics	
Residues arising from industrial waste disposal operations	18,949
Wastes having as constituents …	
Metal carbonyls	5
Beryllium; beryllium compounds	10
Hexavalent chromium compounds	132
Copper compounds	46
Zinc compounds	5,561
Arsenic; arsenic compounds	1
Selenium; selenium compounds	0
Cadmium; cadmium compounds	1
Antimony; antimony compounds	8
Tellurium; tellurium compounds	
Mercury; mercury compounds	20
Thallium; thallium compounds	0
Lead; lead compounds	1,647
Inorganic fluorine compounds excluding calcium fluoride	3
Inorganic cyanides	8
Acidic solutions or acids in solid form	6,261
Basic solutions or bases in solid form	3,786
Asbestos (dust and fibres)	29,078
Organic phosphorus compounds	5
Organic cyanides	
Phenols; phenol compounds including chlorophenols	0
Ethers	1,119
Halogenated organic solvents	107

Organic solvents excluding halogenated solvents	2,824
Any congenor of polychlorinated dibenzo-furan	
Any congenor of polychlorinated dibenzo-p-dioxin	
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	2
Categories of wastes requiring special consideration (Annex II)	
Wastes collected from households	
Residues arising from the incineration of household wastes	
Additional waste categories not included in Y-Codes	
Other metal compounds	105
Other inorganic chemicals	3,809
Other organic chemicals	396
Putrescible/ organic waste	81,382
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	9,223
Soils/ sludges contaminated with residues of substances in Basel Y-codes 19-45	202,698
Tyres	0

440,217

onnes generated

Jan-Jun 2012	Jul-Dec 2012
5,503	5,358
200	201
370	629
196	271
0	0
438	610
7	21
9,493	9,710
39,650	39,619
310	152
237	448
10,293	10,355
1,259	1,183
478	559
33	17
487	356
16,012	25,479
3	6
0	0
175	96
70	141
5,875	6,703
19	49
0	0
9	1
0	9
10	8
0	6
1,155	1,042
0	3
7	21
7,341	6,214
4,449	4,146
28,923	45,852
5	10
0	1
474	821
76	101

2,423	2,276
4	25
105	168
1,741	1,839
434	283
74,663	81,634
9,983	11,385
174,927	204,397
0	0

397,837 462,205

WA input to Australia's Basel Convent

This worksheet translates data on WA controlled wa

WA controlled wastes

Category group no.	Category group name	Category No.
1	Biological wastes	1.01
		1.02
		1.03
		1.04
		1.05
2	Solid/sludge waste requiring special handling	2.02
		2.03
		2.04
		2.05
		2.06
		2.07
		2.08
3	Clinical and pharmaceutical wastes	3.05
4	Pesticide wastes	4.01
		4.02
		4.03
5	Paints and resins	5.01
		5.02
		5.03
		6.01
		6.02
		6.03
6	Oils and emulsions	6.04
7	Solvents	7.01
		7.02
		7.03
		7.04
8	Other organic chemicals	8.01
		8.02
		8.03
		8.04
		8.05
		8.06
		8.07
		8.08
		8.09
		8.1
		8.11
		8.12
		8.13
		8.14
9	Acids	9.01
10	Alkalis	10.01
11	Chromium	11.01
12	Cyanide	12.01
		12.02
13	Inorganic chemicals other than inorganic chemicals referred to category groups 9 - 12	13.01
		13.02
		13.03
		13.04
		13.05
		13.06
		13.07
		13.08
		13.09
		13.1
		13.11
		13.12
		13.13
		13.14
		13.15

		13.16
		13.17
		13.18
		13.19
		13.2
		13.21
		13.22
		13.23
		13.24
14	Low strength waste water	14.04
15	Miscellaneous	15.01
		15.02
		15.03
		15.04
		15.05
		15.06

ion report

stes into Basel codes (via NEPM codes)

Key

Description	Tonnes generate	
	Jul-Dec 2011	Jan-Jun 2012
Animal wastes - smallgoods; tallow; and animals slaughtered for quarantine purposes	4,413	5,951
Septage wastes - wastes from apparatus for the treatment of sewage	97,448	106,448
Grease wastes - wastes resulting from food preparation processes	37,495	33,532
Vegetable oils and derivatives and other wastes (excluding wastes referred to in categories 1.01, 1.02, 1.03 and 1.05)	1,450	1,195
Sewage waste from the reticulated sewage system (ie Water Corporation)	114,932	118,731
Contaminated soils (Class IV or V)	1,749	4,688
Fly ash	92	152
Filter cake	5	27
Containers or drums contaminated with residues of a controlled waste	1,812	1,404
Encapsulated, chemically-fixed, solidified or polymerised wastes	828	1,691
Waste of an explosive nature not subject to other legislation	0	0
Industrial waste treatment plant sludges and residues	941	1,813
Clinical and related wastes – biomedical wastes, pathogenic substances, cytotoxic substances, waste from the production or use of pharmaceutical products	1,345	1,283
Concentrates	93	93
Solutions	461	300
Organochlorine pesticides	11	0
Wastes from the production formulation or use of inks, dyes, resins, adhesives, glues, latex or plasticisers	443	347
Oil based paints (all options)	440	526
Water based and acrylic paints (all options)	316	288
Oil interceptor waste	4,721	1,928
Oil/water mixtures	25,209	24,697
Oil sludges i.e. plate separators	7,811	5,640
Waste mineral oils unfit for their originally intended use	39,743	43,162
Halogenated aliphatics	90	173
Non-halogenated aliphatics	854	594
Halogenated aromatics	21	17
Non-halogenated aromatics	199	211
Engine coolants	1,402	1,263
Ethers	14	62
Highly odorous organic chemicals (including mercaptans and acrylates)	12	0
Isocyanate compounds	17	1
Organohalogen compounds other than substances referred to elsewhere in this schedule	18	3
PBBs (polybrominated biphenyls)	0	0
PCBs (polychlorinated biphenyls)	31	186
PCNs (polychlorinated napthalenes)	0	0
PCTs (polychlorinated terphenyls)	0	0
Phenols and phenol compounds including chlorophenols	0	43
Phosphorous compounds	0	0
Surface acting agent (Surfactant) - Detergents	142	80
Surface acting agent (Surfactant) – Wetting agents	89	70
Surface acting agent (Surfactant) - Emulsifiers	185	18
	1,852	1,063
	48,739	47,545
	34	37
Inorganic cyanide	3	11
Organic cyanide	1	0
Antimony or Antimony compounds	24	0
Arsenic or Arsenic compounds	49	0
Barium compounds (excluding barium sulphate)	0	0
Beryllium; beryllium compounds	1	0
Boron	0	0
Cadmium or cadmium compounds	3	2
Chlorates	7	30
Cobalt compounds	2	0
Copper compounds	8	149
Fluorine compounds (excluding calcium fluoride)	0	0
Lead; lead compounds	521	336
Mercury	7	8
Metal carbonyls	1	7
Nickel compounds	11	6
Non toxic salts	5,030	2,833

Perchlorates	10	8
Phosphorous compounds	1	0
Photographic waste	3	1
Selenium; selenium compounds	11	0
Sulphides	0	10
Tellurium	0	0
Thallium	0	1
Vanadium compounds	236	0
Zinc compounds	156	280
Fire debris and wash water (may vary)	101	40
Residues from industrial waste treatment or disposal operations	1,164	1,228
Waste from the manufacture, formulation and use of wood-preserving chemicals	98	8
Waste chemical substances arising from research and development or teaching activities including those which are not identified or new, or the effects on environment or human health are not known etc.	77	211
Waste resulting from surface treatment of metals and plastics (potentially various categories)	1,140	784
Waste tarry residue arising from refining, distillation or pyrolytic treatment.	55	46
Waste tyres	14,479	17,924

Space for jurisdiction to enter data
Jurisdictional data as provided
Consultant to provide estimate
Data not collected

ed	National Environment Protection (M		
Jul-Dec 2012	"15" code	NEPM 15 waste description	"75" code
7,403	A	Plating and heat treatment	A100
125,353			A110
35,326			A130
1,146	B	Acids	B100
135,227	C	Alkalis	C100
1,755	D	Inorganic chemicals	D100
13			D110
60			D120
1,855			D130
11,676			D140
0			D150
4,583			D160
1,316			D170
135			D180
575			D190
0			D200
542			D210
412			D220
319			D230
2,315			D240
22,366			D250
6,471			D270
46,858			D290
69			D300
900			D310
3			D330
530			D340
2,172			D350
15			D360
6	E	Reactive chemicals	E100
32	F	Paints, resins, inks, organic sludges	F100
23			F110
0	G	Organic solvents	G100
28			G110
0			G150
0			G160
31	H	Pesticides	H100
0			H110
65			H170
29	J	Oils	J100
12			J120
1,995			J160
40,810	K	Putrescible/ organic waste	K100
22			K110
36			K140
0			K190
18	M	Organic chemicals	M100
17			M150
0			M160
8			M170
4			M180
12			M210
35			M220
1			M230
282			M250
21			M260
58	N	Soil/ sludge	N100
55			N120
0			N140
24			N150
3,913			N160

48			N190
0			N205
3			N220
0			N230
8	R	Clinical and pharmaceutical	R100
0			R120
0			R140
0	T	Miscellaneous	T100
146			T120
69			T140
1,407			T200
17			
243			
646			
20			
17,245			

lovement of Controlled Waste between States and Territories) Measure	Tonnes generated	
Waste description (NEPM Schedule A, List 1)	Jul-Dec 2011	Jan-Jun 2012
Waste resulting from surface treatment of metals and plastics	1,140	784
Waste from heat treatment and tempering operations containing cyanides		
Cyanides (inorganic)	3	11
Acidic solutions or acids in solid form	1,852	1,063
Basic solutions or bases in solid form	48,739	47,545
Metal carbonyls	1	7
Inorganic fluorine compounds excluding calcium fluoride	0	0
Mercury; mercury compounds	7	8
Arsenic; arsenic compounds	49	0
Chromium compounds (hexavalent and trivalent)	34	37
Cadmium; cadmium compounds	3	2
Beryllium; beryllium compounds	1	0
Antimony; antimony compounds	24	0
Thallium; thallium compounds	0	1
Copper compounds	8	149
Cobalt compounds	2	0
Nickel compounds	11	6
Lead; lead compounds	521	336
Zinc compounds	156	280
Selenium; selenium compounds	11	0
Tellurium; tellurium compounds	0	0
Vanadium compounds	236	0
Barium compounds (excluding barium sulphate)	0	0
Non-toxic salts	5,030	2,833
Boron compounds	0	0
Inorganic sulfides	0	10
Perchlorates	10	8
Chlorates	7	30
Phosphorus compounds excluding mineral phosphates	1	0
Waste containing peroxides other than hydrogen peroxide		
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	979	988
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	222	174
Ethers	14	62
Organic solvents excluding halogenated solvents	2,456	2,068
Halogenated organic solvents	11	9
Waste from the production, formulation and use of organic solvents		
Waste from the production, formulation and use of biocides and phytopharmaceuticals	565	393
Organic phosphorous compounds	0	0
Waste from manufacture, formulation and use of wood-preserving chemicals	98	8
Waste mineral oils unfit for their original intended use	47,554	48,802
Waste oil/water, hydrocarbons/water mixtures or emulsions	29,930	26,625
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	55	46
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)	5,863	7,146
Grease trap waste	37,495	33,532
Tannery wastes (including leather dust, ash, sludges and flours)		
Wool scouring wastes		
polychlorinated terphenyls and/or polybrominated biphenyls	31	186
Phenols, phenol compounds including chlorophenols	0	43
Organo halogen compounds—other than substances referred to in this Table or Table 2	119	185
Polychlorinated dibenzo-furan (any congener)		
Polychlorinated dibenzo-p-dioxin (any congener)		
Cyanides (organic)	1	0
Isocyanate compounds	17	1
Triethylamine catalysts for setting foundry sands		
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	417	168
Highly odorous organic chemicals (including mercaptans and acrylates)	12	0
Containers and drums that are contaminated with residues of substances referred to in this list	1,812	1,404
Soils contaminated with a controlled waste	1,749	4,688
Fire debris and fire wash waters	101	40
Fly ash, excluding fly ash generated from Australian coal fired power stations	92	152
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list	828	1,691

Filter cake contaminated with residues of substances referred to in this list	5	27
Residues from industrial waste treatment/disposal operations	1,164	1,228
Asbestos		
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos		
Clinical and related wastes	448	428
Waste pharmaceuticals, drugs and medicines	448	428
Waste from the production and preparation of pharmaceutical products	448	428
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known	77	211
Waste from the production, formulation and use of photographic chemicals and processing materials	3	1
Tyres	14,479	17,924
Waste of an explosive nature not subject to other legislation	0	0

Jul-Dec 2012	Basel Convention		Tonnes
	Code	Waste description (Annex 1)	Jul-Dec 2011
646	Y1	Clinical wastes from medical care in hospitals, medical centres and clinics	448
	Y2	Wastes from the production and preparation of pharmaceutical products	448
36	Y3	Waste pharmaceuticals, drugs and medicines	448
1,995	Y4	Wastes from the production…… of biocides and phytopharmaceuticals	565
40,810	Y5	Wastes from the manufacture…… of wood preserving chemicals	98
0	Y6	Wastes from the production, formulation and use of organic solvent	
21	Y7	Wastes from heat treatment and tempering operations containing cyanides	
55	Y8	Waste mineral oils unfit for their originally intended use	47,554
17	Y9	Waste oils/water, hydrocarbons/water mixtures, emulsion	29,930
22	Y10	Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	31
12	Y11	Waste tarry residues ... from refining, distillation and any pyrolytic treatment	55
8	Y12	Wastes from production…… of inks, dyes, pigments, paints, etc	979
18	Y13	Wastes from production……resins, latex, plasticizers, glues, etc	222
0	Y14	Waste chemical substances arising ….. environment are not known	77
282	Y15	Wastes of an explosive nature not subject to other legislation	17
1	Y16	Wastes from production, formulation and use of photographic chemicals…	3
24	Y17	Wastes resulting from surface treatment of metals and plastics	1,140
58	Y18	Residues arising from industrial waste disposal operations	2,085
146		**Wastes having as constituents …**	
0	Y19	Metal carbonyls	1
0	Y20	Beryllium; beryllium compounds	1
0	Y21	Hexavalent chromium compounds	34
0	Y22	Copper compounds	8
3,913	Y23	Zinc compounds	156
4	Y24	Arsenic; arsenic compounds	49
8	Y25	Selenium; selenium compounds	11
48	Y26	Cadmium; cadmium compounds	3
35	Y27	Antimony; antimony compounds	24
0	Y28	Tellurium; tellurium compounds	0
	Y29	Mercury; mercury compounds	7
1,002	Y30	Thallium; thallium compounds	0
271	Y31	Lead; lead compounds	521
15	Y32	Inorganic fluorine compounds excluding calcium fluoride	0
3,603	Y33	Inorganic cyanides	3
2	Y34	Acidic solutions or acids in solid form	1,852
	Y35	Basic solutions or bases in solid form	48,739
711	Y36	Asbestos (dust and fibres)	0
0	Y37	Organic phosphorus compounds	0
17	Y38	Organic cyanides	1
53,329	Y39	Phenols; phenol compounds including chlorophenols	0
24,681	Y40	Ethers	14
20	Y41	Halogenated organic solvents	11
8,549	Y42	Organic solvents excluding halogenated solvents	2,456
35,326	Y43	Any congenor of polychlorinated dibenzo-furan	
	Y44	Any congenor of polychlorinated dibenzo-p-dioxin	
	Y45	Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	119
28		**Categories of wastes requiring special consideration (Annex II)**	
31	Y46	Wastes collected from households	
94	Y47	Residues arising from the incineration of household wastes	
		Additional waste categories not included in Y-Codes	
	1	Other metal compounds	250
0	2	Other inorganic chemicals	5,031
32	3	Other organic chemicals	446
	4	Putrescible/ organic waste	43,358
105	5	Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	1,812
6	6	Soils contaminated with residues of substances in Basel Y-codes 19-45	1,749
1,855	7	Sludges contaminated with residues of substances in Basel Y-codes 19-45	106
1,755	8	Tyres	14,479
69			
13			
11,676			

60
1,407
439
439
439
243
3
17,245
0

Jan-Jun 2012	Jul-Dec 2012
428	439
428	439
428	439
393	711
8	17
48,802	53,329
26,625	24,681
186	28
46	20
988	1,002
174	271
211	243
38	83
1	3
784	646
3,071	13,096
7	0
0	8
37	22
149	282
280	146
0	17
0	0
2	12
0	18
0	0
8	55
1	0
336	58
0	21
11	36
1,063	1,995
47,545	40,810
0	0
0	0
0	0
43	31
62	15
9	2
2,068	3,603
185	94
6	25
2,843	3,925
169	144
40,678	43,875
1,404	1,855
4,688	1,755
66	129
17,924	17,245

Quality assurance checks

This worksheet undertakes automated QA checks on jur

Key	
	The reported quantity of this waste ty
	Incorrect data deleted to maintain int
	Used in some waste quantity estimate
Bold italics	The max. no. reported by the jurisdict
	Datum not reported

"15" code	NEPM 15 waste description	"75" code
A	Plating and heat treatment	A100 A110 A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100 D110 D120 D130 D140 D150 D160 D170 D180 D190 D200 D210 D220 D230 D240 D250 D270 D290 D300 D310 D330 D340 D350 D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100 F110
G	Organic solvents	G100 G110 G150 G160
H	Pesticides	H100 H110 H170
J	Oils	J100 J120 J160
K	Putrescible/ organic waste	K100 K110 K140 K190
M	Organic chemicals	M100 M150

		M160 M170 M180 M210 M220 M230 M250 M260
N	Soil/ sludge	N100 N120 N140 N150 N160 N190 N205 N220 N230
R	Clinical and pharmaceutical	R100 R120 R140
T	Miscellaneous	T100 T120 T140 T200

isdictional data translated into NEPM codes. It displays potential errors by comparing the reported waste quantities with:

ype per capita is greater than 100x or less than 0.01x the national average across the three data periods
egrity of national average (required for extrapolation)
es
ion for this waste type in a six-monthly period is greater than 100x the min.

Waste description (NEPM Schedule A, List 1)
Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols

Organo halogen compounds—other than substances referred to in this Table or Table 2 Polychlorinated dibenzo-furan (any congener) Polychlorinated dibenzo-p-dioxin (any congener) Cyanides (organic) Isocyanate compounds Triethylamine catalysts for setting foundry sands Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list Soils contaminated with a controlled waste Fire debris and fire wash waters Fly ash, excluding fly ash generated from Australian coal fired power stations Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list Filter cake contaminated with residues of substances referred to in this list Residues from industrial waste treatment/disposal operations Asbestos Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes Waste pharmaceuticals, drugs and medicines Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known Waste from the production, formulation and use of photographic chemicals and processing materials Tyres Waste of an explosive nature not subject to other legislation

data reported by that jurisdiction for another six-monthly period; and the national average.

ACT			NSW			NT		
Population (middle of period)			Population (middle of period)			Population (middle of period)		
369,454	373,711	376,925	7,240,844	7,287,871	7,329,387	232,492	233,757	236,738
Waste generated *(g/capita)*			Waste generated *(g/capita)*			Waste generated *(g/capita)*		
Jul-Dec 2011	**Jan-Jun 2012**	**Jul-Dec 2012**	**Jul-Dec 2011**	**Jan-Jun 2012**	**Jul-Dec 2012**	**Jul-Dec 2011**	**Jan-Jun 2012**	**Jul-Dec 2012**
0	0	0	10	58	1			
0	0	0	15	0	0			
0	0	0	0	12	0			
0	7	1	26,502	19,002	19,312			
30	8	2	8,143	7,367	6,532			
0	0	0	0	0	0			
0	0	0	21	12	1,474			
57	34	14	2,420	348	266			
0	0	0	25	87	74			
0	0	0	20,408	1,121	709			
0	0	0	18	24	7			
0	0	0	0	0	0			
0	0	0	0	0	0			
0	0	0	0	0	0			
0	0	0	12	3	22			
0	0	0	44	47	90			
0	0	0	77	25	0			
126	422	351	29,822	10,035	17,218			
0	0	0	841	663	598			
0	0	0	0	0	0			
0	0	0	0	0	0			
0	0	0	3	82	42			
0	0	0	0	0	0			
0	0	0	17,194	16,257	24,435			
0	0	0	0	0	210			
0	0	0	3	0	0			
0	0	0	0	0	0			
0	0	0	0	0	0			
0	0	0	0	7	53			
0	***1***	***0***	286	264	215			
92	83	254	15,967	17,264	17,622			
0	1	2	3,031	4,591	15,151			
0	0	0	0	0	0			
53	35	56	4,626	4,646	3,699			
7	10	12	317	324	277			
0	0	0	854	1,312	1,181			
0	0	1	528	542	461			
0	0	0	2	30	31			
0	0	0	42	1	38			
1,336	1,543	1,821	167,616	249,954	107,032			
1,136	2,883	2,386	107,513	142,726	140,535			
0	0	0	142	427	270			
0	0	0						
7,197	6,713	8,199						
0	0	0						
0	0	0						
43	***0***	***48***	2,742	2,231	2,901			
0	0	0	313	170	144			

0	0	0	8	4	9	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	234	108	110	
0	0	0	0	0	0	
0	0	0	17,416	15,443	11,394	
0	0	0	0	0	0	
13	12	19				
191	530	17				
0	0	0	1,242	1,676	1,858	
0	0	0	0	0	0	
0	0	0	16,230	13,151	19,664	
0	0	0	12,358	5,282	4,315	
0	0	0	31,196	34,106	33,205	
0	***1***	***52***				
0	0	0	0	0	0	
290	335	399				
0	***4***	***1***				
0	0	0	378	281	595	
82	41	61	2,852	3,394	3,535	
52	40	47	256	245	332	
444	1,898	1,673				
0	0	0	97	26	0	

Qld			SA			Tas		
Population (middle of period)			Population (middle of period)			Population (middle of period)		
4,498,378	4,545,952	4,593,294	1,643,273	1,652,345	1,659,649	511,930	512,303	512,333
Waste generated *(g/capita)*			Waste generated *(g/capita)*			Waste generated *(g/capita)*		
Jul-Dec 2011	**Jan-Jun 2012**	**Jul-Dec 2012**	**Jul-Dec 2011**	**Jan-Jun 2012**	**Jul-Dec 2012**	**Jul-Dec 2011**	**Jan-Jun 2012**	**Jul-Dec 2012**
	480	475	20	56	26			
	0	0						
	59	59	3	4	5			
	1,445	1,430	526	165	159			12
	18,423	18,233	86,579	18,169	21,423			0
	10	10	2		17			
	27	27			15			
	46	45	7	53	5			0
	91	***90***	***296***	***2***				
	127	126	4	1				
	2	2	0	0	2			1
	0	0			0			
	0	0						
	0	0		0				
	65	64	44	6	11			
	14	13	3	5	3			
	814	806	751	9,383	1,630			96
	51	50	6,290	6,106	15,177			28,695
	0	0						
	0	0						
	0	0						
	0	0						
	4,488	4,442	144	153	2,543			991
	0	0						
	38	37	29					
	0	0			0			
	15	15	2					
	47	47						
	5	***5***	2		1			0
	1,472	1,457	660	516	864			
	139	137	86	78	62			0
	16	16	3	1	2			
	233	231	473	508	173			
	16	16	35	43	31			145
	1,374	1,360	0	4				13
	220	218	72	15	15			
	6	6	28	14	23			
	27	***27***	***394***	***88***	***1***			
	9,627	9,527	461	278	415			
	18,632	18,440	325	776	759			30
	57	56	42	12	16			84
	5,464	5,407						
	14,720	14,568						
	676	669	0					
	3,608	***3,570***	9	2	6			0
	226	224		0				

100	99	2	1	0		0
3	3					
0	0					
0	0					
0	0			1		
5	***5***	***3***		***1,448***		0
40	39	1	8	4		3
212	210	5		10		
0	0	107	118	118		4
		100,165	178,964	86,616		
		16	***2***	***0***		
81	58	156	140	160		
526	521	28	7	39		
1,663	1,646	131	157	111		
654	647	26,084	15,813	20,326		
21,914	***21,688***	6,586	7,247	5,670		0
12,811	12,679	7	10	6		
		1,900	1,953	1,957		2
2,630	***2,603***	117	89	107		8
144	142	1		0		
5	5	122	124	116		4
95	94	6	6	6		2
41	40					
4,401	4,355			0		

Vic			WA			Australia	
Population (middle of period)			Population (middle of period)				
5,560,418	5,611,788	5,657,078	2,372,126	2,416,263	2,457,478		
Waste generated *(g/capita)*			Waste generated *(g/capita)*				
Jul-Dec 2011	**Jan-Jun 2012**	**Jul-Dec 2012**	**Jul-Dec 2011**	**Jan-Jun 2012**	**Jul-Dec 2012**	**Average**	**Weighted average**
			480	325	263	157	172
						2	3
1	1	4	1	4	15	10	12
1,126	1,308	1,098	781	440	812	4,118	8,291
681	793	733	20,547	19,677	16,606	13,553	11,115
1	1	1	***0***	***3***	***0***	3	2
1	0	1	***0***	***0***	***9***	106	196
4	2	1	3	3	22	185	368
0	3	9	***21***	***0***	***7***	44	47
24	31	17	14	15	9	1,413	2,737
0	2	0	1	1	5	4	7
2	0	0	***0***	***0***	***3***	0	0
1	0	2	***10***	***0***	***7***	1	1
0	0	1	***0***	***0***	***0***	0	0
8	12	25	3	62	115	27	27
0	0	0	1	0	0	15	28
18	19	29	5	2	10	13	21
296	206	184	220	139	23	4,029	7,254
1,000	1,047	1,185	66	116	59	3,441	1,537
0	0	0	***5***	***0***	***0***	0	0
			0	0	0	0	0
			100	***0***	***0***	21	30
1	0	1	0	0	0	0	0
680	310	325	2,121	1,173	1,592	4,269	7,902
1	0	1	***0***	***0***	***2***	15	28
4	0	0	***0***	***4***	***3***	8	8
0	1	0	4	3	19	2	1
0	1	0	3	12	14	4	4
0	0	0	***0***	***0***	***0***	11	15
1	2	3				56	107
1,794	1,834	1,830	413	409	408	3,702	6,886
335	224	209	93	72	110	1,351	2,807
201	84	145	6	26	6	30	44
508	432	402	1,035	856	1,466	1,143	1,867
19	14	18	4	4	1	72	120
97	78	108				456	730
78	35	48	238	163	289	172	260
1	1	2	***0***	***0***	***0***	8	11
0	0	0	41	3	7	39	29
1,760	1,692	1,716	20,047	20,197	21,701	36,278	66,881
7,794	7,065	7,003	12,617	11,019	10,043	27,316	52,342
34	42	79	23	19	8	73	126
5,915	4,656	5,282	2,472	2,957	3,479	3,239	4,664
8,626	8,564	9,035	15,807	13,878	14,375	11,062	11,521
47	42	56				24	46
47	42	56				166	243
25	55	27	13	77	11	854	1,477
0	0	0	***0***	***18***	***12***	74	116

0	1	4	50	77	38	22	24
						1	1
						0	0
			1	***0***	***0***	0	0
1	3	1	7	0	13	32	58
2	3	14				106	49
69	69	32	176	70	43	2,489	5,258
0	1	4	***5***	***0***	***3***	28	34
1,659	1,779	2,013	764	581	755	529	911
35,865	30,699	35,617	737	1,940	714	39,338	39,327
0	17	87	43	17	28	332	686
50	40	38	39	63	5	49	39
2,907	2,118	2,270	349	700	4,751	3,721	6,827
588	455	427	2	11	24	1,598	3,004
437	689	2,191	491	508	573	9,819	13,884
5,229	5,154	8,105				6,804	10,300
13	6	6				1,824	2,164
921	981	947	189	177	178	787	890
79	66	111	189	177	178	424	683
35	36	36	189	177	178	137	208
86	85	99	32	87	99	602	1,201
92	87	63	1	1	1	79	136
			6,104	7,418	7,017	3,079	2,943
2	2	0	***0***	***0***	***0***	592	707

Gap data

Key:	Green font
Population data during each data period	ACT
Sep-11	369,454
Mar-12	373,711
Sep-12	376,925
Factor for 'Wastes collected from households'	
MSW generated in Australia 2010/11 excl. ACT (Mt)	14.037
Population Australia 2010/11	22,172,469
Population ACT 2010/11 (millions)	364,833
Days per year	365
Assumed % not relevant to Basel	10%
MSW generated (kg/capita/day)	1.76
Basel generation rate (kg/capita/day)	1.59
Basel generation rate (t/capita/six monthly period)	**0.29**
Waste data from other sources	
Assumptions:	The data the l
	The waste ger
Tyres	
Mass of an equivalent passenger unit (kg)	8
	ACT
End-of-life arisings of tyres, 2009/10 (equivalent passenger units)	403,147
End-of-life arisings of tyres, 2009/10 (tonnes)	3,225
Waste tyres generated in each 6 months relevant to this work (tonnes)	1,613
Biosolids ('K130')	
Biosolids generated in Australia, 2010	55,156
Biosolids generated in each 6 months relevant to this work (tonnes)	27,578
Check: kg/capita	146
Asbestos	
Asbestos generated, 2010/11	
Asbestos generated in each 6 months relevant to this work (tonnes)	
Soils contaminated with a controlled waste	
Contaminated soils, 2011/12	
Contaminated soil generated in each 6 months relevant to this work (tonnes)	

Biosolids data and assumptions

Assumptions: Tonnes gene

For the mixe

Biosolids Production and End Use - 2010 *Source:*

	Managemer
	Re-Use
New South Wales / ACT	Landfill / Stockpile

Queensland	Re-Use
	Landfill / Stockpile
South Australia	Re-Use
	Landfill / Stockpile
Tasmania	Re-Use
	Landfill / Stockpile
Victoria	Re-Use
	Landfill / Stockpile
Western Australia & Northern Territory	Re-Use
	Landfill / Stockpile

Data obtained from an external source as specified Red font Assumption

NSW	NT	Qld	SA	Tas	Vic	WA	Sources
7,240,844	232,492	4,498,378	1,643,273	511,930	5,560,418	2,372,126	Australian Bur
7,287,871	233,757	4,545,952	1,652,345	512,303	5,611,788	2,416,263	Australian Bur
7,329,387	236,738	4,593,294	1,659,649	512,333	5,657,078	2,457,478	Australian Bur

Sources
Blue Environm
Australian Bur
Australian Bur

Blue Environm

isted source is more comprehensive or accurate than any data reported by the jurisdictions
neration rate in each six-monthly period relevant to this work is equal to that stated in the listed source

Sources
Table 2 of Hyd

NSW	NT	Qld	SA	Tas	Vic	WA	
12,620,986	673,660	11,006,907	3,598,172	1,242,732	10,514,094	8,408,678	Table 8 of Hyd
100,968	5,389	88,055	28,785	9,942	84,113	67,269	
50,484	2,695	44,028	14,393	4,971	42,056	33,635	
320,657	4,867	302,260	106,222	35,821	415,402	109,861	SEE THE CALCU
160,329	2,433	151,130	53,111	17,911	207,701	54,931	
44	21	66	64	70	73	45	
199,000							Data workbool
99,500							
504,500		216,854					Data workbool
252,250		108,427					

erated = sum of all end uses (agriculture, composting, forestry, landfill, sea, stockpile, unspecified)

Note: This assumption differs from that applied in *Waste Generation and Resource Recovery in Au*
data to 'stockpile' and 'unspecified'. The broader definition applied here is consistent with the Bas
ed NSW/ACT and NT/WA data (below), the tonnage proportions can be separated based on produc

Australian & New Zealand Biosolids Partnership (http://www.biosolids.com.au/bs-australia.php),

nt	End Use	$t_{biosolids}$
	Agriculture	204,882
	Composting	76,227
	Forestry	
	Landfill	5,316
	Sea	17,520
	Stockpile	
	Unspecified	71,868

Figure 2 – Biosolids production in Australi

The results of the survey are also presented in Ta

Table 2 - Biosolids production in Australi

Agriculture	271,084
Composting	
Forestry	
Landfill	25,176
Sea	
Stockpile	
Unspecified	6,000
Agriculture	97,333
Composting	8,889
Forestry	
Landfill	
Sea	
Stockpile	
Unspecified	
Agriculture	11,055
Composting	6,930
Forestry	
Landfill	13,956
Sea	
Stockpile	2991
Unspecified	889
Agriculture	94,778
Composting	14,236
Forestry	
Landfill	
Sea	
Stockpile	303352
Unspecified	3,036
Agriculture	61,288
Composting	20,424
Forestry	16352
Landfill	11,797
Sea	
Stockpile	4867
Unspecified	

(tonnes per year dry solids)

State	tonnes per
ACT	12,
NSW	72,
NT	1,0
QLD	68,
SA	23,
TAS	8,0
VIC	93,
WA	24,
Total	**303,**

Used to estimate waste quantities

eau of Statistics (2013) 3101.0 Australian Demographic Statistics, June 2013, TABLE 4. Estimated Resident Population, Stat
eau of Statistics (2013) 3101.0 Australian Demographic Statistics, June 2013, TABLE 4. Estimated Resident Population, Stat
eau of Statistics (2013) 3101.0 Australian Demographic Statistics, June 2013, TABLE 4. Estimated Resident Population, Stat

ent & Randell Environmental Consulting (in press) *Waste Generation and Resource Recovery in Australia* , prepared for th
eau of Statistics (2013) 3101.0 Australian Demographic Statistics, June 2013, TABLE 4. Estimated Resident Population, Stat
eau of Statistics (2013) 3101.0 Australian Demographic Statistics, June 2013, TABLE 4. Estimated Resident Population, Stat

ent estimate based on review of Vic data and personal communication with EPA NSW

er Consulting (2012) *Study into Domestic and International Fate of End- of-Life Tyres* , prepared for COAG, available from:

er Consulting (2012) *Study into Domestic and International Fate of End- of-Life Tyres* , prepared for COAG, available from:

JLATIONS BELOW

k supporting: Blue Environment & Randell Environmental Consulting (2014) *Waste Generation and Resource Recovery in A*

k supporting: Blue Environment & Randell Environmental Consulting (2014) *Waste Generation and Resource Recovery in A*

stralia , which excludes waste allocated in the source
el Convention's definition of waste generation.
tion tonnages using Fig 2 below

as presented in the data workbook supporting: Blue Environment & Randell Environmental Consulting (2014)

ia (2010)

able 2 below.

a

Source for Figure 2
DSEWPaC (2011) Biosolids snapshot, prepared by Pollution Solutions and Design, a

r year (dry)
410
148
095
009
900
059
466
719
,806

13

12,410
72,148
1,095
68,009
23,900
8,059
93,466
24,719

es and Territories (Number)
es and Territories (Number)
es and Territories (Number)

e Commonwealth Department of the Environment, available from: http://www.environment.gov.au/resource/waste-gen
es and Territories (Number)
es and Territories (Number)

http://www.scew.gov.au/resource/study-domestic-and-international-fate-end-life-tyres-final-report

http://www.scew.gov.au/resource/study-domestic-and-international-fate-end-life-tyres-final-report

ustralia , prepared for the Commonwealth Department of the Environment, available from: http://www.environment.go

ustralia , prepared for the Commonwealth Department of the Environment, available from: http://www.environment.go

Waste Generation and Resource Recovery in Australia, prepared for the Commonwealth Department of the E

available from: http://www.environment.gov.au/resource/biosolids-snapshot

eration-and-resource-recovery-australia-report-and-data-workbooks

v.au/resource/waste-generation-and-resource-recovery-australia-report-and-data-workbooks

v.au/resource/waste-generation-and-resource-recovery-australia-report-and-data-workbooks

Environment, available from: http://www.environment.gov.au/resource/waste-generation-and-resource-rec

overy-australia-report-and-data-workbooks

Adjusted jurisdictional data

This worksheet compiles the NEPM and Basel data d

National Environment Protection (M

"15" code	NEPM 15 waste description	"75" code
Adjusted ACT data		
A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330
		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140
		K190
M	Organic chemicals	M100

		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

Adjusted NSW data

A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330
		D340
		D350

		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140
		K190
M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

Adjusted NT data

A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120

		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330
		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140
		K190
M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230

R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

Adjusted Qld data

A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330
		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140
		K190

M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

Adjusted SA data

A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330

		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140
		K190
M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

Adjusted Tas data

A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100

		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330
		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140
		K190
M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205

		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

Adjusted Vic data

A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330
		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140

		K190
M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

Adjusted WA data

A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310

		D330
		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160
K	Putrescible/ organic waste	K100
		K110
		K140
		K190
M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

lerived from the jurisdictional reports, then inserts adjustments and fills gaps.

lovement of Controlled Waste between States and Territories) Measure

Waste description (NEPM Schedule A, List 1)
Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls

Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations
Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates

Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations
Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds

Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations
Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos

Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes

Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations
Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides

Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations
Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls

Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations

Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)

Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
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Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
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Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds

Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment
Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
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Key

Consultant adjustment made. Details given in comment b

Data not collected

Tonnes generated				Basel Cor
Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012		Code
				Adjusted A
0	0	0		Y1
0	0	0		Y2
0	0	0		Y3
0	3	0		Y4
11	3	1		Y5
0	0	0		Y6
0	0	0		Y7
21	13	5		Y8
0	0	0		Y9
0	0	0		Y10
0	0	0		Y11
0	0	0		Y12
0	0	0		Y13
0	0	0		Y14
0	0	0		Y15
0	0	0		Y16
0	0	0		Y17
47	158	132		Y18
0	0	0	ACT	
0	0	0		Y19
0	0	0		Y20
0	0	0		Y21
0	0	0		Y22
0	0	0		Y23
0	0	0		Y24
0	0	0		Y25
0	0	0		Y26
0	0	0		Y27
0	0	0		Y28
0	0	0		Y29
34	31	96		Y30
0	0	1		Y31
0	0	0		Y32
20	13	21		Y33
3	4	4		Y34
0	0	0		Y35
0	0	0		Y36
0	0	0	ACT	Y37
0	0	0		Y38
493	577	686		Y39
420	1,078	899		Y40
0	0	0		Y41
0	0	0		Y42
2,659	2,509	3,091		Y43
0	0	0		Y44
0	0	0		Y45
16	0	18		

0	0	0		Y46
0	0	0		Y47
0	0	0		
0	0	0		1
0	0	0		2
0	0	0		3
0	0	0		4
0	0	0		5
0	0	0		6
5	4	7		7
70	198	6	ACT	8
0	0	0		
0	0	0		
0	0	0		
0	0	0		
27,578	27,578	27,578		
0	0	20		
0	0	0		
107	125	150		
0	1	0		
0	0	0		
30	15	23		
19	15	18		
1,613	1,613	1,613		
0	0	0		

Adjusted N

4	22	1		Y1
6	0	0		Y2
0	5	0		Y3
9,791	7,101	7,279		Y4
3,009	2,753	2,462		Y5
0	0	0		Y6
8	5	556		Y7
894	130	100		Y8
9	33	28		Y9
7,540	419	267		Y10
6	9	3		Y11
0	0	0		Y12
0	0	0		Y13
0	0	0		Y14
5	1	8		Y15
16	18	34		Y16
29	9	0		Y17
11,018	3,750	6,490		Y18
311	248	225	NSW	
0	0	0		Y19
0	0	0		Y20
1	31	16		Y21
0	0	0		Y22
6,352	6,076	9,210		Y23
0	0	79		Y24
1	0	0		Y25
0	0	0		Y26
0	0	0		Y27

0	2	20		**Y28**
106	99	81		**Y29**
5,899	6,452	6,642		**Y30**
1,120	1,716	5,711		**Y31**
0	0	0		**Y32**
1,709	1,736	1,394		**Y33**
117	121	104		**Y34**
316	490	445		**Y35**
195	202	174		**Y36**
1	11	12	**NSW**	**Y37**
16	0	14		**Y38**
61,926	93,411	40,343		**Y39**
39,721	53,338	52,971		**Y40**
52	159	102		**Y41**
33,770	33,990	34,183		**Y42**
83,425	83,967	84,445		**Y43**
				Y44
				Y45
1,013	834	1,094		
116	63	54		**Y46**
3	2	3		**Y47**
0	0	0		
0	0	0		1
0	0	0		2
87	40	41		3
0	0	0		4
6,434	5,771	4,295		5
0	0	0		6
6,594	6,637	6,675		7
252,250	252,250	252,250	**NSW**	8
459	626	700		
0	0	0		
5,996	4,915	7,412		
4,566	1,974	1,626		
171,854	173,074	172,845		
99,500	99,500	99,500		
0	0	0		
6,441	6,483	6,520		
4,946	4,978	5,007		
140	105	224		
1,054	1,268	1,333		
95	91	125		
50,484	50,484	50,484		
36	10	0		

Adjusted N

0	0	0		**Y1**
0	0	0		**Y2**
0	0	0		**Y3**
15	7	6		**Y4**
29	81	46		**Y5**
0	0	28		**Y6**
0	0	0		**Y7**
0	22	0		**Y8**

0	0	0		**Y9**
0	0	0		**Y10**
0	0	0		**Y11**
0	0	0		**Y12**
0	0	0		**Y13**
0	0	0		**Y14**
0	0	0		**Y15**
0	0	0		**Y16**
0	0	0		**Y17**
142	224	186		**Y18**
0	0	0	**NT**	
0	0	0		**Y19**
0	0	0		**Y20**
0	0	0		**Y21**
0	0	0		**Y22**
0	0	0		**Y23**
0	0	0		**Y24**
0	0	0		**Y25**
0	0	0		**Y26**
0	0	0		**Y27**
0	0	0		**Y28**
0	0	0		**Y29**
1	0	36		**Y30**
1	1	0		**Y31**
0	0	0		**Y32**
22	7	0		**Y33**
0	1	0		**Y34**
0	0	0		**Y35**
0	0	0		**Y36**
0	0	0	**NT**	**Y37**
1	0	0		**Y38**
369	206	377		**Y39**
42	101	103		**Y40**
8	8	0		**Y41**
1,084	1,090	1,104		**Y42**
2,679	2,693	2,728		**Y43**
0	0	0		**Y44**
0	0	0		**Y45**
34	0	71		
0	0	0		**Y46**
0	0	0		**Y47**
0	0	0		
0	0	0		1
0	0	0		2
0	0	0		3
0	0	0		4
0	5	7		5
0	0	0		6
0	29	0		7
17	0	0	**NT**	8
17	0	0		
0	0	0		
0	0	0		
0	0	0		
2,433	2,433	2,433		
2,395	2,408	2,438		
0	0	0		

46	57	67		
0	0	0		
0	0	0		
62	100	24		
0	0	0		
2,695	2,695	2,695		
0	0	0		
				Adjusted C
	2,181	2,181		**Y1**
	0	0		**Y2**
	270	270		**Y3**
	6,570	6,570		**Y4**
	83,749	83,749		**Y5**
	48	48		**Y6**
	123	123		**Y7**
	208	208		**Y8**
	414	414		**Y9**
	578	578		**Y10**
	9	9		**Y11**
	0	0		**Y12**
	0	0		**Y13**
	0	0		**Y14**
	296	296		**Y15**
				Y16
	62	62		**Y17**
	3,701	3,701		**Y18**
	231	231	**Qld**	
	0	0		**Y19**
	0	0		**Y20**
	0	0		**Y21**
	0	0		**Y22**
	20,402	20,402		**Y23**
	1	1		**Y24**
	171	171		**Y25**
	0	0		**Y26**
	67	67		**Y27**
	214	214		**Y28**
	24	24		**Y29**
	6,692	6,692		**Y30**
	630	630		**Y31**
	74	74		**Y32**
	1,060	1,060		**Y33**
	73	73		**Y34**
	6,248	6,248		**Y35**
	1,000	1,000		**Y36**
	28	28	**Qld**	**Y37**
	122	122		**Y38**
	43,762	43,762		**Y39**
	84,700	84,700		**Y40**
	258	258		**Y41**
	24,837	24,837		**Y42**
	66,917	66,917		**Y43**
	3,075	3,075		**Y44**
	16,400	16,400		**Y45**

	1,028	1,028		
	454	454		Y46
	12	12		Y47
	0	0		
	0	0		1
	0	0		2
	24	24		3
	180	180		4
	966	966		5
	0	0		6
				7
	108,427	108,427	Qld	8
	368	268		
	2,391	2,391		
	7,560	7,560		
	2,972	2,972		
	250,748	250,748		
	58,240	58,240		
	11,957	11,957		
	654	654		
	22	22		
	430	430		
	185	185		
	44,028	44,028		
	908	908		

				Adjusted S
33	93	43		Y1
				Y2
5	6	8		Y3
864	272	263		Y4
142,273	30,022	35,554		Y5
3		28		Y6
		26		Y7
12	87	9		Y8
486	3			Y9
6	2			Y10
1	0	4		Y11
		1		Y12
				Y13
	0			Y14
73	10	18		Y15
				Y16
4	9	5		Y17
1,234	15,504	2,705		Y18
10,336	10,089	25,188	SA	
				Y19
				Y20
				Y21
				Y22
237	253	4,220		Y23
				Y24
47				Y25

		0		Y26
4				Y27
				Y28
3		2		Y29
1,085	852	1,435		Y30
142	129	103		Y31
5	2	3		Y32
777	839	287		Y33
57	72	51		Y34
0	7			Y35
118	24	25		Y36
47	22	39	SA	Y37
648	146	2		Y38
757	460	689		Y39
535	1,282	1,260		Y40
69	19	26		Y41
7,664	7,706	7,740		Y42
18,933	19,037	19,122		Y43
0	0	0		Y44
0				Y45
15	3	11		
	0			Y46
3	2	1		Y47
				1
				2
		2		3
6		2,402		4
2	13	7		5
9		17		6
177	195	195		7
164,599	295,709	143,752	SA	8
27	4	0		
257	231	265		
45	11	65		
215	259	184		
95,973	79,240	86,845		
10,822	11,974	9,410		
11	16	10		
3,123	3,227	3,248		
192	148	178		
1		0		
200	205	192		
10	10	10		
14,393	14,393	42,056		
		0		

Adjusted T

				Y1
				Y2
				Y3
	20	20		Y4
	1	1		Y5
				Y6

				Y7
	0	0		Y8
				Y9
				Y10
	2	2		Y11
				Y12
				Y13
				Y14
				Y15
				Y16
				Y17
	159	159		Y18
	47,623	47,623	Tas	
				Y19
				Y20
				Y21
				Y22
	1,645	1,645		Y23
				Y24
				Y25
				Y26
				Y27
				Y28
	0	0		Y29
				Y30
	0	0		Y31
				Y32
				Y33
	241	241		Y34
	22	22		Y35
				Y36
			Tas	Y37
				Y38
				Y39
	50	50		Y40
	140	140		Y41
	2,389	2,389		Y42
	5,903	5,903		Y43
				Y44
				Y45
	0	0		
				Y46
	0	0		Y47
				1
				2
				3
	0	0		4
	4	4		5
				6
	7	7		7
			Tas	8
	17,911	17,911		

	5,277	5,277		
	3	3		
	13	13		
	6	6		
	3	3		
	4,971	4,971		

Adjusted V

				Y1
				Y2
8	7	21		Y3
6,261	7,341	6,214		Y4
3,786	4,449	4,146		Y5
5	3	6		Y6
3	0	3		Y7
20	10	8		Y8
1	19	49		Y9
132	175	96		Y10
1	9	1		Y11
10	0	0		Y12
8	0	9		Y13
0	0	6		Y14
46	70	141		Y15
0	0	0		Y16
98	104	163		Y17
1,647	1,155	1,042		Y18
5,561	5,875	6,703	Vic	
0	0	0		Y19
				Y20
				Y21
7	1	5		Y22
3,782	1,738	1,836		Y23
6	2	3		Y24
21	1	0		Y25
0	5	0		Y26
0	5	0		Y27
0	0	0		Y28
4	13	16		Y29
9,974	10,293	10,355		Y30
1,865	1,259	1,183		Y31
1,119	474	821		Y32
2,824	2,423	2,276		Y33
107	76	101		Y34
537	438	610		Y35
434	196	271		Y36
5	5	10	Vic	Y37
0	0	0		Y38
9,789	9,493	9,710		Y39
43,338	39,650	39,619		Y40
190	237	448		Y41
32,892	26,126	29,882		Y42
47,962	48,062	51,113		Y43
264	238	320		Y44

264	238	320		Y45
139	310	152		
0	0	1		Y46
2	4	25		Y47
				1
				2
6	17	6		3
9	19	77		4
381	390	179		5
0	8	21		6
9,223	9,983	11,385		7
199,426	172,277	201,487	Vic	8
0	98	494		
279	226	213		
16,166	11,884	12,840		
3,272	2,552	2,416		
210,133	211,567	220,093		
29,078	28,923	45,852		
72	36	34		
5,119	5,503	5,358		
437	370	629		
196	200	201		
479	478	559		
513	487	356		
42,056	42,056	42,056		
9	10	1		

Adjusted V

1,140	784	646		Y1
				Y2
3	11	36		Y3
1,852	1,063	1,995		Y4
48,739	47,545	40,810		Y5
1	7	0		Y6
0	0	21		Y7
7	8	55		Y8
49	0	17		Y9
34	37	22		Y10
3	2	12		Y11
1	0	8		Y12
24	0	18		Y13
0	1	0		Y14
8	149	282		Y15
2	0	1		Y16
11	6	24		Y17
521	336	58		Y18
156	280	146	WA	
11	0	0		Y19
0	0	0		Y20
236	0	0		Y21
0	0	0		Y22
5,030	2,833	3,913		Y23
0	0	4		Y24

0	10	8		**Y25**
10	8	48		**Y26**
7	30	35		**Y27**
1	0	0		**Y28**
				Y29
979	988	1,002		**Y30**
222	174	271		**Y31**
14	62	15		**Y32**
2,456	2,068	3,603		**Y33**
11	9	2		**Y34**
				Y35
565	393	711		**Y36**
0	0	0	**WA**	**Y37**
98	8	17		**Y38**
47,554	48,802	53,329		**Y39**
29,930	26,625	24,681		**Y40**
55	46	20		**Y41**
5,863	7,146	8,549		**Y42**
37,495	33,532	35,326		**Y43**
				Y44
				Y45
31	186	28		
0	43	31		**Y46**
119	185	94		**Y47**
				1
1	0	0		2
17	1	32		3
115	117	119		4
417	168	105		5
12	0	6		6
1,812	1,404	1,855		7
1,749	4,688	1,755	**WA**	8
101	40	69		
92	152	13		
828	1,691	11,676		
5	27	60		
56,095	56,159	56,338		
24,432	24,887	25,311		
448	428	439		
448	428	439		
448	428	439		
77	211	243		
3	1	3		
33,635	33,635	33,635		
0	0	0		

[redacted]

ox.

nvention	To
Waste description (Annex 1)	Jul-Dec 2011

CT data

Clinical wastes from medical care in hospitals, medical centres and clinics	107
Wastes from the production and preparation of pharmaceutical products	0
Waste pharmaceuticals, drugs and medicines	0
Wastes from the production…… of biocides and phytopharmaceuticals	0
Wastes from the manufacture…… of wood preserving chemicals	0
Wastes from the production, formulation and use of organic solvent	0
Wastes from heat treatment and tempering operations containing cyanides	0
Waste mineral oils unfit for their originally intended use	493
Waste oils/water, hydrocarbons/water mixtures, emulsion	420
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	16
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	0
Wastes from production…… of inks, dyes, pigments, paints, etc	34
Wastes from production……resins, latex, plasticizers, glues, etc	0
Waste chemical substances arising ….. environment are not known	30
Wastes of an explosive nature not subject to other legislation	0
Wastes from production, formulation and use of photographic chemicals…	19
Wastes resulting from surface treatment of metals and plastics	0
Residues arising from industrial waste disposal operations	27,578
Wastes having as constituents …	
Metal carbonyls	0
Beryllium; beryllium compounds	0
Hexavalent chromium compounds	0
Copper compounds	0
Zinc compounds	0
Arsenic; arsenic compounds	0
Selenium; selenium compounds	0
Cadmium; cadmium compounds	0
Antimony; antimony compounds	0
Tellurium; tellurium compounds	0
Mercury; mercury compounds	21
Thallium; thallium compounds	0
Lead; lead compounds	47
Inorganic fluorine compounds excluding calcium fluoride	0
Inorganic cyanides	0
Acidic solutions or acids in solid form	0
Basic solutions or bases in solid form	11
Asbestos (dust and fibres)	0
Organic phosphorus compounds	0
Organic cyanides	0
Phenols; phenol compounds including chlorophenols	0
Ethers	0
Halogenated organic solvents	3
Organic solvents excluding halogenated solvents	20
Any congenor of polychlorinated dibenzo-furan	0
Any congenor of polychlorinated dibenzo-p-dioxin	0
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	0
Categories of wastes requiring special consideration (Annex II)	

Wastes collected from households	107,014
Residues arising from the incineration of household wastes	0
Additional waste categories not included in Y-Codes	
Other metal compounds	0
Other inorganic chemicals	0
Other organic chemicals	0
Putrescible/ organic waste	2,659
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	5
Soils contaminated with residues of substances in Basel Y-codes 19-45	70
Sludges contaminated with residues of substances in Basel Y-codes 19-45	0
Tyres	1,613

ISW data

Clinical wastes from medical care in hospitals, medical centres and clinics	6,441
Wastes from the production and preparation of pharmaceutical products	140
Waste pharmaceuticals, drugs and medicines	4,946
Wastes from the production…… of biocides and phytopharmaceuticals	195
Wastes from the manufacture…… of wood preserving chemicals	16
Wastes from the production, formulation and use of organic solvent	316
Wastes from heat treatment and tempering operations containing cyanides	6
Waste mineral oils unfit for their originally intended use	61,926
Waste oils/water, hydrocarbons/water mixtures, emulsion	39,721
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	1,013
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	52
Wastes from production……. of inks, dyes, pigments, paints, etc	5,899
Wastes from production……resins, latex, plasticizers, glues, etc	1,120
Waste chemical substances arising ….. environment are not known	1,054
Wastes of an explosive nature not subject to other legislation	142
Wastes from production, formulation and use of photographic chemicals…	95
Wastes resulting from surface treatment of metals and plastics	4
Residues arising from industrial waste disposal operations	177,851
Wastes having as constituents …	
Metal carbonyls	0
Beryllium; beryllium compounds	0
Hexavalent chromium compounds	7,540
Copper compounds	5
Zinc compounds	311
Arsenic; arsenic compounds	9
Selenium; selenium compounds	0
Cadmium; cadmium compounds	6
Antimony; antimony compounds	0

Tellurium; tellurium compounds	0
Mercury; mercury compounds	894
Thallium; thallium compounds	0
Lead; lead compounds	11,018
Inorganic fluorine compounds excluding calcium fluoride	8
Inorganic cyanides	0
Acidic solutions or acids in solid form	9,791
Basic solutions or bases in solid form	3,009
Asbestos (dust and fibres)	99,500
Organic phosphorus compounds	1
Organic cyanides	0
Phenols; phenol compounds including chlorophenols	116
Ethers	0
Halogenated organic solvents	117
Organic solvents excluding halogenated solvents	1,709
Any congenor of polychlorinated dibenzo-furan	0
Any congenor of polychlorinated dibenzo-p-dioxin	0
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	3

Categories of wastes requiring special consideration (Annex II)

Wastes collected from households	2,097,333
Residues arising from the incineration of household wastes	0

Additional waste categories not included in Y-Codes

Other metal compounds	46
Other inorganic chemicals	6,353
Other organic chemicals	6,521
Putrescible/ organic waste	117,195
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	6,594
Soils contaminated with residues of substances in Basel Y-codes 19-45	252,250
Sludges contaminated with residues of substances in Basel Y-codes 19-45	5,025
Tyres	50,484

T data

Clinical wastes from medical care in hospitals, medical centres and clinics	46
Wastes from the production and preparation of pharmaceutical products	0
Waste pharmaceuticals, drugs and medicines	0
Wastes from the production…… of biocides and phytopharmaceuticals	0
Wastes from the manufacture…… of wood preserving chemicals	1
Wastes from the production, formulation and use of organic solvent	0
Wastes from heat treatment and tempering operations containing cyanides	0
Waste mineral oils unfit for their originally intended use	369

Waste oils/water, hydrocarbons/water mixtures, emulsion	42
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	34
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	8
Wastes from production…… of inks, dyes, pigments, paints, etc	1
Wastes from production……resins, latex, plasticizers, glues, etc	1
Waste chemical substances arising ….. environment are not known	62
Wastes of an explosive nature not subject to other legislation	0
Wastes from production, formulation and use of photographic chemicals…	0
Wastes resulting from surface treatment of metals and plastics	0
Residues arising from industrial waste disposal operations	2,433
Wastes having as constituents …	
Metal carbonyls	0
Beryllium; beryllium compounds	0
Hexavalent chromium compounds	0
Copper compounds	0
Zinc compounds	0
Arsenic; arsenic compounds	0
Selenium; selenium compounds	0
Cadmium; cadmium compounds	0
Antimony; antimony compounds	0
Tellurium; tellurium compounds	0
Mercury; mercury compounds	0
Thallium; thallium compounds	0
Lead; lead compounds	142
Inorganic fluorine compounds excluding calcium fluoride	0
Inorganic cyanides	0
Acidic solutions or acids in solid form	15
Basic solutions or bases in solid form	29
Asbestos (dust and fibres)	2,395
Organic phosphorus compounds	0
Organic cyanides	0
Phenols; phenol compounds including chlorophenols	0
Ethers	0
Halogenated organic solvents	0
Organic solvents excluding halogenated solvents	22
Any congenor of polychlorinated dibenzo-furan	0
Any congenor of polychlorinated dibenzo-p-dioxin	0
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	0
Categories of wastes requiring special consideration (Annex II)	
Wastes collected from households	67,342
Residues arising from the incineration of household wastes	0
Additional waste categories not included in Y-Codes	
Other metal compounds	0
Other inorganic chemicals	0
Other organic chemicals	0
Putrescible/ organic waste	3,763
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	0
Soils contaminated with residues of substances in Basel Y-codes 19-45	17
Sludges contaminated with residues of substances in Basel Y-codes 19-45	17
Tyres	2,695

Qld data

Clinical wastes from medical care in hospitals, medical centres and clinics	
Wastes from the production and preparation of pharmaceutical products	
Waste pharmaceuticals, drugs and medicines	
Wastes from the production…… of biocides and phytopharmaceuticals	
Wastes from the manufacture…… of wood preserving chemicals	
Wastes from the production, formulation and use of organic solvent	
Wastes from heat treatment and tempering operations containing cyanides	
Waste mineral oils unfit for their originally intended use	
Waste oils/water, hydrocarbons/water mixtures, emulsion	
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	
Wastes from production…… of inks, dyes, pigments, paints, etc	
Wastes from production……resins, latex, plasticizers, glues, etc	
Waste chemical substances arising ….. environment are not known	
Wastes of an explosive nature not subject to other legislation	
Wastes from production, formulation and use of photographic chemicals…	
Wastes resulting from surface treatment of metals and plastics	
Residues arising from industrial waste disposal operations	
Wastes having as constituents …	
Metal carbonyls	
Beryllium; beryllium compounds	
Hexavalent chromium compounds	
Copper compounds	
Zinc compounds	
Arsenic; arsenic compounds	
Selenium; selenium compounds	
Cadmium; cadmium compounds	
Antimony; antimony compounds	
Tellurium; tellurium compounds	
Mercury; mercury compounds	
Thallium; thallium compounds	
Lead; lead compounds	
Inorganic fluorine compounds excluding calcium fluoride	
Inorganic cyanides	
Acidic solutions or acids in solid form	
Basic solutions or bases in solid form	
Asbestos (dust and fibres)	
Organic phosphorus compounds	
Organic cyanides	
Phenols; phenol compounds including chlorophenols	
Ethers	
Halogenated organic solvents	
Organic solvents excluding halogenated solvents	
Any congenor of polychlorinated dibenzo-furan	
Any congenor of polychlorinated dibenzo-p-dioxin	
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	

Categories of wastes requiring special consideration (Annex II)	
Wastes collected from households	
Residues arising from the incineration of household wastes	
Additional waste categories not included in Y-Codes	
Other metal compounds	
Other inorganic chemicals	
Other organic chemicals	
Putrescible/ organic waste	
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	
Soils contaminated with residues of substances in Basel Y-codes 19-45	
Sludges contaminated with residues of substances in Basel Y-codes 19-45	
Tyres	

A data

Clinical wastes from medical care in hospitals, medical centres and clinics	3,123
Wastes from the production and preparation of pharmaceutical products	1
Waste pharmaceuticals, drugs and medicines	192
Wastes from the production..... of biocides and phytopharmaceuticals	118
Wastes from the manufacture..... of wood preserving chemicals	648
Wastes from the production, formulation and use of organic solvent	0
Wastes from heat treatment and tempering operations containing cyanides	
Waste mineral oils unfit for their originally intended use	757
Waste oils/water, hydrocarbons/water mixtures, emulsion	535
Waste substances ....containing or contaminated with PCBs, PCTs, PBBs	15
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	69
Wastes from production..... of inks, dyes, pigments, paints, etc	1,085
Wastes from production.....resins, latex, plasticizers, glues, etc	142
Waste chemical substances arising ..... environment are not known	200
Wastes of an explosive nature not subject to other legislation	7
Wastes from production, formulation and use of photographic chemicals...	10
Wastes resulting from surface treatment of metals and plastics	33
Residues arising from industrial waste disposal operations	96,286
Wastes having as constituents ...	
Metal carbonyls	3
Beryllium; beryllium compounds	
Hexavalent chromium compounds	6
Copper compounds	73
Zinc compounds	10,336
Arsenic; arsenic compounds	486
Selenium; selenium compounds	

Cadmium; cadmium compounds	1
Antimony; antimony compounds	
Tellurium; tellurium compounds	
Mercury; mercury compounds	12
Thallium; thallium compounds	
Lead; lead compounds	1,234
Inorganic fluorine compounds excluding calcium fluoride	
Inorganic cyanides	5
Acidic solutions or acids in solid form	864
Basic solutions or bases in solid form	142,273
Asbestos (dust and fibres)	10,822
Organic phosphorus compounds	47
Organic cyanides	
Phenols; phenol compounds including chlorophenols	
Ethers	5
Halogenated organic solvents	57
Organic solvents excluding halogenated solvents	777
Any congenor of polychlorinated dibenzo-furan	
Any congenor of polychlorinated dibenzo-p-dioxin	
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	3

Categories of wastes requiring special consideration (Annex II)

Wastes collected from households	475,979
Residues arising from the incineration of household wastes	0

Additional waste categories not included in Y-Codes

Other metal compounds	4
Other inorganic chemicals	284
Other organic chemicals	16
Putrescible/ organic waste	26,597
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	177
Soils contaminated with residues of substances in Basel Y-codes 19-45	164,599
Sludges contaminated with residues of substances in Basel Y-codes 19-45	242
Tyres	14,393

as data

Clinical wastes from medical care in hospitals, medical centres and clinics	
Wastes from the production and preparation of pharmaceutical products	
Waste pharmaceuticals, drugs and medicines	
Wastes from the production…… of biocides and phytopharmaceuticals	
Wastes from the manufacture…… of wood preserving chemicals	
Wastes from the production, formulation and use of organic solvent	

Wastes from heat treatment and tempering operations containing cyanides	
Waste mineral oils unfit for their originally intended use	
Waste oils/water, hydrocarbons/water mixtures, emulsion	
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	
Wastes from production…... of inks, dyes, pigments, paints, etc	
Wastes from production……resins, latex, plasticizers, glues, etc	
Waste chemical substances arising ….. environment are not known	
Wastes of an explosive nature not subject to other legislation	
Wastes from production, formulation and use of photographic chemicals…	
Wastes resulting from surface treatment of metals and plastics	
Residues arising from industrial waste disposal operations	
Wastes having as constituents …	
Metal carbonyls	
Beryllium; beryllium compounds	
Hexavalent chromium compounds	
Copper compounds	
Zinc compounds	
Arsenic; arsenic compounds	
Selenium; selenium compounds	
Cadmium; cadmium compounds	
Antimony; antimony compounds	
Tellurium; tellurium compounds	
Mercury; mercury compounds	
Thallium; thallium compounds	
Lead; lead compounds	
Inorganic fluorine compounds excluding calcium fluoride	
Inorganic cyanides	
Acidic solutions or acids in solid form	
Basic solutions or bases in solid form	
Asbestos (dust and fibres)	
Organic phosphorus compounds	
Organic cyanides	
Phenols; phenol compounds including chlorophenols	
Ethers	
Halogenated organic solvents	
Organic solvents excluding halogenated solvents	
Any congenor of polychlorinated dibenzo-furan	
Any congenor of polychlorinated dibenzo-p-dioxin	
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	
Categories of wastes requiring special consideration (Annex II)	
Wastes collected from households	
Residues arising from the incineration of household wastes	
Additional waste categories not included in Y-Codes	
Other metal compounds	
Other inorganic chemicals	
Other organic chemicals	
Putrescible/ organic waste	
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	
Soils contaminated with residues of substances in Basel Y-codes 19-45	
Sludges contaminated with residues of substances in Basel Y-codes 19-45	
Tyres	

ic data

Clinical wastes from medical care in hospitals, medical centres and clinics	5,119
Wastes from the production and preparation of pharmaceutical products	196
Waste pharmaceuticals, drugs and medicines	437
Wastes from the production…… of biocides and phytopharmaceuticals	434
Wastes from the manufacture…… of wood preserving chemicals	0
Wastes from the production, formulation and use of organic solvent	537
Wastes from heat treatment and tempering operations containing cyanides	0
Waste mineral oils unfit for their originally intended use	9,789
Waste oils/water, hydrocarbons/water mixtures, emulsion	43,338
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	139
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	190
Wastes from production…… of inks, dyes, pigments, paints, etc	9,974
Wastes from production……resins, latex, plasticizers, glues, etc	1,865
Waste chemical substances arising ….. environment are not known	479
Wastes of an explosive nature not subject to other legislation	13
Wastes from production, formulation and use of photographic chemicals…	513
Wastes resulting from surface treatment of metals and plastics	0
Residues arising from industrial waste disposal operations	226,650
Wastes having as constituents …	
Metal carbonyls	5
Beryllium; beryllium compounds	10
Hexavalent chromium compounds	132
Copper compounds	46
Zinc compounds	5,561
Arsenic; arsenic compounds	1
Selenium; selenium compounds	0
Cadmium; cadmium compounds	1
Antimony; antimony compounds	8
Tellurium; tellurium compounds	0
Mercury; mercury compounds	20
Thallium; thallium compounds	0
Lead; lead compounds	1,647
Inorganic fluorine compounds excluding calcium fluoride	3
Inorganic cyanides	8
Acidic solutions or acids in solid form	6,261
Basic solutions or bases in solid form	3,786
Asbestos (dust and fibres)	29,078
Organic phosphorus compounds	5
Organic cyanides	0
Phenols; phenol compounds including chlorophenols	0
Ethers	1,119
Halogenated organic solvents	107
Organic solvents excluding halogenated solvents	2,824
Any congenor of polychlorinated dibenzo-furan	0
Any congenor of polychlorinated dibenzo-p-dioxin	0

Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	2

Categories of wastes requiring special consideration (Annex II)

Wastes collected from households	1,610,592
Residues arising from the incineration of household wastes	0

Additional waste categories not included in Y-Codes

Other metal compounds	105
Other inorganic chemicals	3,809
Other organic chemicals	396
Putrescible/ organic waste	81,382
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	9,223
Soils contaminated with residues of substances in Basel Y-codes 19-45	199,426
Sludges contaminated with residues of substances in Basel Y-codes 19-45	3,272
Tyres	42,056

VA data

Clinical wastes from medical care in hospitals, medical centres and clinics	448
Wastes from the production and preparation of pharmaceutical products	448
Waste pharmaceuticals, drugs and medicines	448
Wastes from the production…… of biocides and phytopharmaceuticals	565
Wastes from the manufacture…… of wood preserving chemicals	98
Wastes from the production, formulation and use of organic solvent	
Wastes from heat treatment and tempering operations containing cyanides	
Waste mineral oils unfit for their originally intended use	47,554
Waste oils/water, hydrocarbons/water mixtures, emulsion	29,930
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	31
Waste tarry residues … from refining, distillation and any pyrolytic treatment	55
Wastes from production…… of inks, dyes, pigments, paints, etc	979
Wastes from production……resins, latex, plasticizers, glues, etc	222
Waste chemical substances arising ….. environment are not known	77
Wastes of an explosive nature not subject to other legislation	17
Wastes from production, formulation and use of photographic chemicals…	3
Wastes resulting from surface treatment of metals and plastics	1,140
Residues arising from industrial waste disposal operations	57,015

Wastes having as constituents …

Metal carbonyls	1
Beryllium; beryllium compounds	1
Hexavalent chromium compounds	34
Copper compounds	8
Zinc compounds	156
Arsenic; arsenic compounds	49

Selenium; selenium compounds	11
Cadmium; cadmium compounds	3
Antimony; antimony compounds	24
Tellurium; tellurium compounds	0
Mercury; mercury compounds	7
Thallium; thallium compounds	0
Lead; lead compounds	521
Inorganic fluorine compounds excluding calcium fluoride	0
Inorganic cyanides	3
Acidic solutions or acids in solid form	1,852
Basic solutions or bases in solid form	48,739
Asbestos (dust and fibres)	24,432
Organic phosphorus compounds	0
Organic cyanides	1
Phenols; phenol compounds including chlorophenols	0
Ethers	14
Halogenated organic solvents	11
Organic solvents excluding halogenated solvents	2,456
Any congenor of polychlorinated dibenzo-furan	
Any congenor of polychlorinated dibenzo-p-dioxin	
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	119

Categories of wastes requiring special consideration (Annex II)

Wastes collected from households	687,094
Residues arising from the incineration of household wastes	0

Additional waste categories not included in Y-Codes

Other metal compounds	250
Other inorganic chemicals	5,031
Other organic chemicals	446
Putrescible/ organic waste	43,358
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	1,812
Soils contaminated with residues of substances in Basel Y-codes 19-45	1,749
Sludges contaminated with residues of substances in Basel Y-codes 19-45	106
Tyres	33,635

nnes generated

Jan-Jun 2012	Jul-Dec 2012
125	150
0	0
1	0
0	0
0	0
0	0
0	0
577	686
1,078	899
0	18
0	0
31	96
0	1
15	23
0	0
15	18
0	0
27,578	27,578
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
13	5
0	0
158	132
0	0
0	0
3	0
3	1
0	20
0	0
0	0
0	0
0	0
4	4
13	21
0	0
0	0
0	0

108,247	109,178
0	0
0	0
0	0
0	0
2,509	3,091
4	7
198	6
0	0
1,613	1,613

6,483	6,520
105	224
4,978	5,007
202	174
0	14
490	445
0	0
93,411	40,343
53,338	52,971
834	1,094
159	102
6,452	6,642
1,716	5,711
1,268	1,333
108	81
91	125
22	1
177,989	180,257
0	0
0	0
419	267
1	8
248	225
33	28
0	0
9	3
0	0

0	0
130	100
0	0
3,750	6,490
5	556
5	0
7,101	7,279
2,753	2,462
99,500	99,500
11	12
0	0
63	54
0	0
121	104
1,736	1,394
0	0
0	0
2	3
2,110,955	2,122,980
0	0
58	50
6,078	9,309
5,811	4,336
117,956	118,628
6,637	6,675
252,250	252,250
2,600	2,327
50,484	50,484

57	67
0	0
0	0
0	0
0	0
0	0
0	0
206	377

101	103
0	71
8	0
0	36
1	0
100	24
0	0
0	0
0	0
2,433	2,433
0	28
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
22	0
0	0
224	186
0	0
0	0
7	6
81	46
2,408	2,438
0	0
0	0
0	0
0	0
1	0
7	0
0	0
0	0
0	0
67,708	68,572
0	0
0	0
0	0
5	7
3,783	3,832
29	0
0	0
0	0
2,695	2,695

11,957	11,957
22	22
654	654
1,000	1,000
122	122
6,248	6,248
0	0
43,762	43,762
84,700	84,700
1,028	1,028
258	258
6,692	6,692
630	630
430	430
999	999
185	185
2,181	2,181
260,699	260,699
48	48
0	0
578	578
296	296
231	231
414	414
0	0
9	9
0	0
0	0
208	208
0	0
3,701	3,701
123	123
270	270
6,570	6,570
83,749	83,749
58,240	58,240
28	28
0	0
454	454
74	74
73	73
1,060	1,060
0	0
0	0
12	12

1,316,749	1,330,462
0	0
62	62
20,788	20,788
1,170	1,170
108,154	108,154
108,427	108,427
3,340	3,240
44,028	44,028

3,227	3,248
	0
148	178
24	25
146	2
7	
460	689
1,282	1,260
3	11
19	26
852	1,435
129	103
205	192
0	2
10	10
93	43
79,497	87,185
	28
	1
2	
10	18
10,089	25,188
3	

0	4
87	9
0	
15,504	2,705
	26
6	8
272	263
30,022	35,554
11,974	9,410
22	39
0	
2	3
72	51
839	287
2	1
478,607	480,723
0	0
9	5
253	4,220
13	2,428
26,744	26,862
195	195
295,709	143,752
263	184
14,393	42,056

3	3
13	13
22	22

50	50
0	0
140	140
0	0
6	6
0	0
3	3
17,911	17,911

47,623	47,623
2	2
0	0
159	159
20	20
1	1
5,277	5,277
241	241
0	0

148,390	148,399
0	0

0	0
1,645	1,645
4	4
8,292	8,292
7	7
0	0
4,971	4,971

5,503	5,358
200	201
370	629
196	271
0	0
438	610
0	0
9,493	9,710
39,650	39,619
310	152
237	448
10,293	10,355
1,259	1,183
478	559
33	17
487	356
0	0
223,713	233,180
3	6
0	0
175	96
70	141
5,875	6,703
19	49
0	0
9	1
0	9
0	0
10	8
0	6
1,155	1,042
0	3
7	21
7,341	6,214
4,449	4,146
28,923	45,852
5	10
0	0
0	1
474	821
76	101
2,423	2,276
0	0
0	0

4	25
1,625,472	1,638,590
0	0
105	168
1,741	1,839
434	283
74,663	81,634
9,983	11,385
172,277	201,487
2,650	2,910
42,056	42,056

428	439
428	439
428	439
393	711
8	17
48,802	53,329
26,625	24,681
186	28
46	20
988	1,002
174	271
211	243
38	83
1	3
784	646
58,002	68,027
7	0
0	8
37	22
149	282
280	146
0	17

0	0
2	12
0	18
0	0
8	55
1	0
336	58
0	21
11	36
1,063	1,995
47,545	40,810
24,887	25,311
0	0
0	0
43	31
62	15
9	2
2,068	3,603
185	94
699,878	711,816
0	0
6	25
2,843	3,925
169	144
40,678	43,875
1,404	1,855
4,688	1,755
66	129
33,635	33,635

National data sets

This worksheet collates the adjusted jurisdiction data into si

National Environment Protection (Movem

"15" code	NEPM 15 waste description	"75" code
A	Plating and heat treatment	A100
		A110
		A130
B	Acids	B100
C	Alkalis	C100
D	Inorganic chemicals	D100
		D110
		D120
		D130
		D140
		D150
		D160
		D170
		D180
		D190
		D200
		D210
		D220
		D230
		D240
		D250
		D270
		D290
		D300
		D310
		D330
		D340
		D350
		D360
E	Reactive chemicals	E100
F	Paints, resins, inks, organic sludges	F100
		F110
G	Organic solvents	G100
		G110
		G150
		G160
H	Pesticides	H100
		H110
		H170
J	Oils	J100
		J120
		J160

K	Putrescible/ organic waste	K100
		K110
		K140
		K190
M	Organic chemicals	M100
		M150
		M160
		M170
		M180
		M210
		M220
		M230
		M250
		M260
N	Soil/ sludge	N100
		N120
		N140
		N150
		N160
		N190
		N205
		N220
		N230
R	Clinical and pharmaceutical	R100
		R120
		R140
T	Miscellaneous	T100
		T120
		T140
		T200

ngle Australian data sets for NEPM & Basel codes

nent of Controlled Waste between States and Territories) Measure

Waste description (NEPM Schedule A, List 1)
Waste resulting from surface treatment of metals and plastics
Waste from heat treatment and tempering operations containing cyanides
Cyanides (inorganic)
Acidic solutions or acids in solid form
Basic solutions or bases in solid form
Metal carbonyls
Inorganic fluorine compounds excluding calcium fluoride
Mercury; mercury compounds
Arsenic; arsenic compounds
Chromium compounds (hexavalent and trivalent)
Cadmium; cadmium compounds
Beryllium; beryllium compounds
Antimony; antimony compounds
Thallium; thallium compounds
Copper compounds
Cobalt compounds
Nickel compounds
Lead; lead compounds
Zinc compounds
Selenium; selenium compounds
Tellurium; tellurium compounds
Vanadium compounds
Barium compounds (excluding barium sulphate)
Non-toxic salts
Boron compounds
Inorganic sulfides
Perchlorates
Chlorates
Phosphorus compounds excluding mineral phosphates
Waste containing peroxides other than hydrogen peroxide
Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish
Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives
Ethers
Organic solvents excluding halogenated solvents
Halogenated organic solvents
Waste from the production, formulation and use of organic solvents
Waste from the production, formulation and use of biocides and phytopharmaceuticals
Organic phosphorous compounds
Waste from manufacture, formulation and use of wood-preserving chemicals
Waste mineral oils unfit for their original intended use
Waste oil/water, hydrocarbons/water mixtures or emulsions
Waste tarry residues arising from refining, distillation, and any pyrolytic treatment

Animal effluent and residues (abattoir effluent, poultry and fish processing wastes)
Grease trap waste
Tannery wastes (including leather dust, ash, sludges and flours)
Wool scouring wastes
Waste substances and articles containing or contaminated with polychlorinated biphenyls, polychlorinated napthalenes, polychlorinated terphenyls and/or polybrominated biphenyls
Phenols, phenol compounds including chlorophenols
Organo halogen compounds—other than substances referred to in this Table or Table 2
Polychlorinated dibenzo-furan (any congener)
Polychlorinated dibenzo-p-dioxin (any congener)
Cyanides (organic)
Isocyanate compounds
Triethylamine catalysts for setting foundry sands
Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials
Highly odorous organic chemicals (including mercaptans and acrylates)
Containers and drums that are contaminated with residues of substances referred to in this list
Soils contaminated with a controlled waste
Fire debris and fire wash waters
Fly ash, excluding fly ash generated from Australian coal fired power stations
Encapsulated, chemically-fixed, solidified or polymerised wastes referred to in this list
Filter cake contaminated with residues of substances referred to in this list
Residues from industrial waste treatment/disposal operations
Asbestos
Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos
Clinical and related wastes
Waste pharmaceuticals, drugs and medicines
Waste from the production and preparation of pharmaceutical products
Waste chemical substances arising from research and development or teaching activities, including those which are not identified and/or are new and whose effects on human health and/or the environment are not known
Waste from the production, formulation and use of photographic chemicals and processing materials
Tyres
Waste of an explosive nature not subject to other legislation

Tonnes generated			Basel Cor
Jul-Dec 2011	Jan-Jun 2012	Jul-Dec 2012	Code
1,176	3,080	2,871	Y1
6	0	0	Y2
16	298	336	Y3
18,784	22,377	22,348	Y4
197,846	168,603	166,769	Y5
8	58	109	Y6
11	128	729	Y7
954	477	385	Y8
545	469	508	Y9
7,711	1,210	963	Y10
11	31	31	Y11
11	0	8	Y12
32	0	27	Y13
0	1	6	Y14
131	527	745	Y15
18	18	34	Y16
142	190	254	Y17
14,608	24,987	14,472	Y18
16,363	64,346	80,116	
11	0	0	Y19
0	0	0	Y20
237	31	16	Y21
7	1	5	Y22
15,401	32,947	41,226	Y23
6	3	87	Y24
69	182	179	Y25
10	13	48	Y26
11	102	102	Y27
1	216	234	Y28
113	136	123	Y29
17,971	25,308	26,258	Y30
3,349	3,909	7,898	Y31
1,138	611	913	Y32
7,807	8,147	8,641	Y33
295	596	577	Y34
853	7,205	7,325	Y35
1,312	1,816	2,181	Y36
52	67	89	Y37
762	277	155	Y38
120,889	196,709	148,896	Y39
113,985	206,824	204,283	Y40
374	868	994	Y41

81,274	103,284	108,685	**Y42**
193,153	262,620	268,644	**Y43**
264	3,313	3,395	**Y44**
264	16,638	16,720	**Y45**
1,248	2,360	2,401	
116	561	540	**Y46**
127	205	135	**Y47**
0	0	0	
0	0	0	1
1	0	0	2
110	82	106	3
130	316	2,779	4
7,234	7,317	5,563	5
21	8	44	6
17,811	18,259	20,124	7
618,111	833,550	707,677	8
604	1,136	1,532	
628	3,000	2,882	
23,036	26,061	39,553	
8,058	7,784	7,258	
564,066	818,709	834,790	
166,227	231,209	246,048	
83	52	44	
15,284	27,783	27,742	
6,023	6,592	6,920	
785	755	886	
1,903	2,714	2,809	
640	793	699	
144,875	193,874	221,537	
45	928	909	

Total amount of hazardous wastes under Art. 1 (1)a (Annex

nvention

Waste description (Annex 1)	Jul-Dec 2011
Clinical wastes from medical care in hospitals, medical centres and clinics	15,284
Wastes from the production and preparation of pharmaceutical products	785
Waste pharmaceuticals, drugs and medicines	6,023
Wastes from the production…… of biocides and phytopharmaceuticals	1,312
Wastes from the manufacture…… of wood preserving chemicals	762
Wastes from the production, formulation and use of organic solvent	853
Wastes from heat treatment and tempering operations containing cyanides	6
Waste mineral oils unfit for their originally intended use	120,889
Waste oils/water, hydrocarbons/water mixtures, emulsion	113,985
Waste substances ….containing or contaminated with PCBs, PCTs, PBBs	1,248
Waste tarry residues ... from refining, distillation and any pyrolytic treatment	374
Wastes from production…… of inks, dyes, pigments, paints, etc	17,971
Wastes from production……resins, latex, plasticizers, glues, etc	3,349
Waste chemical substances arising ….. environment are not known	1,903
Wastes of an explosive nature not subject to other legislation	179
Wastes from production, formulation and use of photographic chemicals…	640
Wastes resulting from surface treatment of metals and plastics	1,176
Residues arising from industrial waste disposal operations	587,813
Wastes having as constituents …	
Metal carbonyls	8
Beryllium; beryllium compounds	11
Hexavalent chromium compounds	7,711
Copper compounds	131
Zinc compounds	16,363
Arsenic; arsenic compounds	545
Selenium; selenium compounds	11
Cadmium; cadmium compounds	11
Antimony; antimony compounds	32
Tellurium; tellurium compounds	0
Mercury; mercury compounds	954
Thallium; thallium compounds	0
Lead; lead compounds	14,608
Inorganic fluorine compounds excluding calcium fluoride	11
Inorganic cyanides	16
Acidic solutions or acids in solid form	18,784
Basic solutions or bases in solid form	197,846
Asbestos (dust and fibres)	166,227
Organic phosphorus compounds	52
Organic cyanides	1
Phenols; phenol compounds including chlorophenols	116
Ethers	1,138
Halogenated organic solvents	295

Organic solvents excluding halogenated solvents	7,807
Any congenor of polychlorinated dibenzo-furan	0
Any congenor of polychlorinated dibenzo-p-dioxin	0
Organohalogen compounds other than …(e.g. Y39, Y41, Y42, Y43, Y44)	127
Categories of wastes requiring special consideration (Annex II)	
Wastes collected from households	5,045,354
Residues arising from the incineration of household wastes	0
Additional waste categories not included in Y-Codes	
Other metal compounds	405
Other inorganic chemicals	15,478
Other organic chemicals	7,379
Putrescible/ organic waste	274,955
Waste packages and containers containing Annex 1 substances in concentrations sufficient to exhibit Annex III hazard characteristics	17,811
Soils contaminated with residues of substances in Basel Y-codes 19-45	618,111
Sludges contaminated with residues of substances in Basel Y-codes 19-45	8,662
Tyres	144,875

I: Y1-Y45) generated (2012) 3,726,162

Tonnes generated		
Jan-Jun 2012	Jul-Dec 2012	2012
27,783	27,742	55,526
755	886	1,641
6,592	6,920	13,512
1,816	2,181	3,997
277	155	431
7,205	7,325	14,530
0	0	0
196,709	148,896	345,605
206,824	204,283	411,107
2,360	2,401	4,761
868	994	1,862
25,308	26,258	51,565
3,909	7,898	11,808
2,714	2,809	5,523
1,179	1,183	2,361
793	699	1,492
3,080	2,871	5,951
847,822	877,269	1,725,091
58	109	167
0	8	8
1,210	963	2,173
527	745	1,272
64,346	80,116	144,462
469	508	977
0	0	0
31	31	62
0	27	27
0	0	0
477	385	862
1	6	7
24,987	14,472	39,459
128	729	856
298	336	634
22,377	22,348	44,725
168,603	166,769	335,371
231,209	246,048	477,257
67	89	156
0	0	0
561	540	1,100
611	913	1,524
596	577	1,173

8,147	8,641	16,787
0	0	0
0	0	0
205	135	339
6,556,006	6,610,719	13,166,725
0	0	0
239	309	548
33,349	41,726	75,075
7,607	8,372	15,978
382,779	394,368	777,147
18,259	20,124	38,383
833,550	707,677	1,541,227
8,919	8,790	17,709
193,874	221,537	415,411