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- Summary statistics for contaminants
• in shellfish and fish 1981-2001

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REPORT


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Abstract
 This report is a compilation of aggregated data on contaminant concentrations in marine organisms used in the Norwegian contribution to the Joint Assessment and Monitoring Programme (JAMP) and concerns mainly selected metals organochlorines, polycyclic aromatic hydrocarbons that were collected during the period 1981-2001

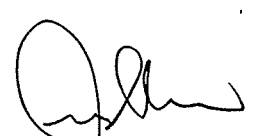
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Norman W. Green



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 ISBN 82-577-4262-7



Jens Skei

Appendix G.

FISH 1981-2001

MEAN CONCENTRATIONS

NOTES

This appendix presents mean concentrations of the contaminants found in fish. All data are on a wet weight basis. Two units of measure are used: **ppm** (parts per million, mg/kg), and **ppb** (parts per billion, µg/kg). The numeric values shown have been printed with a fixed number of digits and do not necessarily indicate analytical precision. Refer also to the comments preceding the table.

The data is sorted in the order of::

Species	Alphabetically by ICES code; Latin, English and Norwegian name follow.
Tissue	Liver, fillet
Sample area	Geographically beginning with those stations near the Swedish border and continuing around the coast to the Russian border (cf., maps, Appendix E). The sample area code refers to the official JAMP designation and for some areas this may be undefined (J99).

Note that the results from bulked samples and individuals are treated separately.

The abbreviations for analytical laboratory and variable name are explained in Appendix C. Analysis codes have been described Green (1993b). An overview of variables, detection limits and data count are given in recent JAMP annual reports (cf., Green *et al.* 2002).

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Limit check file: **No limit check**
Weight basis **Wet weight**
Table sorted by **Species, Tissue, Locality (Predefined sequence)**

NOTES:

- ☞ NB! The numeric values shown have been printed with a FIXED number of digit, and do not necessarily indicate analytical precision.
- ☞ If a numeric value is suspect (ie. prefixed with "s"), the value is ignored in parameter statistics unless all observations are suspect.
If a value can not be converted to basis for the table, the value is printed in the original basis but not included in any parameter statistics unless all values are in the original basis.
- ☞ For "Σ" variables (e.g. CB_Σ7, DD_Σ4, etc) all the "<"-values (less than the detection limit) are counted only once.
If two or more different "<"-values are present, the maximum of the least questionable (suspect) "<"-value is used.
"Σ" variables:
CB_Σ4 = sum of CB77, -81, -126, -169
CB_Σ7 = sum of CB28, -52, -101, -118, -138, -153, -180
CB_ΣΣ = sum of all PCB congeners
DD_Σ4 = sum of ppDDT, ppDDE, ppDDD, ppDDT+ppDDE (the latter does not occur when DDT and DDE are measured individually)
HC_Σ2 = sum of alpha- and gamma-HCH
DI_Σ = sum of dicyclic "PAHs"
P_Σ = sum of PAHs
PK_Σ = sum of carcinogen PAHs
- ☞ If replicates are analyzed, the mean value of the replicates is counted in parameter statistics.
- ☞ A value prefixed with "<<" indicates that the number of "<" values is greater or equal to 25% of computed observations.
The corresponding standard deviation is prefixed with the character "~" if any "<" value is included.
- ☞ The "No.Fo.Ri." column show the status defined for NORMAL, FOOD and RISKY limits in the contaminants, respectively.
Each of these may be expressed in a w(et), d(ry) and l(ipid) basis indicated by, three characters, respectively, below the limit type.
Each character may be qualified three ways:
"+" : Limit is defined
"?" : Limit is uncertain
"." : Limit is undefined
- ☞ Comparison to NORMAL, FOOD and RISKY limits (values suffixed with (N, F or R)).
Where limits are given in more than one basis, the displayed value is compared first to limit with the same basis (wet or dry).
If this is undefined, the value compared to the limit in the other basis (wet or dry).
If neither is defined, the value is compared to the limit in a lipid basis (assuming conversion is possible).
- ☞ NC indicates that value is in another basis which can not be converted to basis used in this table

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	841126	851111	861119	871111	890116	891113	901204	911003	921230	931106	941000	951106	970115	970116
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	29.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	18.00	24.00	25.00	25.00	10.00	10.00
I ppm w.wt	0.56													
Age year	1.39	2.04	1.19	1.96	4.64	3.28	3.76	2.92	3.61	4.63	3.96	4.08	4.00	4.95
Count Max	29.00	25.00	25.00	25.00	25.00	25.00	25.00	24.00	18.00	24.00	25.00	25.00	10.00	10.00
Count Min	29.00	25.00	25.00	25.00	25.00	25.00	25.00	22.00	18.00	24.00	25.00	25.00	10.00	10.00
Dry %	66.61	48.70	68.04	53.97	68.87	86.44	60.51	58.60	45.79	60.56	58.81	59.40	61.09	57.38
Fat %	67.30	32.46	57.66	36.16	56.79	61.64	51.81	47.82	32.78	48.56	47.08	46.91	51.03	43.49
Lenght.mean mm	445.52	350.00	397.60	434.40	484.20	528.40	536.80	530.83	463.61	520.42	474.00	489.00	453.50	527.00
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	52.22	8.80	23.42	15.63	41.19	83.11	60.47	43.95	20.06	53.70	35.46	50.68	36.72	36.89
Weight g	897.21	396.32	588.20	717.24	1140.12	1530.56	1715.88	1563.00	1125.68	1591.33	1080.80	1293.00	1023.20	1757.10
CD ppm w.wt	<<0.02	<0.09	0.10n	<0.10	<0.03	<<0.03	0.05	<0.04	0.13n	0.11n	0.08	0.06	0.04	0.13n
CU ppm w.wt			7.36	31.81n	8.60	4.03	5.45	5.66	10.98	7.55	8.49	5.10	3.95	8.13
PB ppm w.wt			0.41n	<0.24n	0.58n	<<0.20n	0.25n	<0.14n	0.33n	<0.32n	<0.16n	0.22n	<<0.21n	<0.11n
ZN ppb w.wt							198.6	<<496.3		<<273.3	<271.2	<<364.4	430.7	<495.9
ZN ppm w.wt			15.5	67.8n	28.1	<13.4	17.8	22.5	33.1n	22.9	24.5	19.8	19.6	26.6
CB28 ppb w.wt							s575.6n	10.8n	17.8n	<<8.5	<14.2n	27.2n	17.9n	25.4n
CB52 ppb w.wt							s<646.4n	26.4n	102.7n	<37.9n	84.0n	99.4n	84.1n	108.1n
CB101 ppb w.wt							s815.2n	72.1n	333.1n	180.9n	269.3n	277.3n	304.5n	317.9n
CB105 ppb w.wt										156.1	191.3	183.5	222.1	206.8
CB118 ppb w.wt							s694.8n	269.9n	709.6n	473.1n	496.4n	489.6n	566.8n	474.5n
CB138 ppb w.wt							s1468.0n	326.6n	1034.5n	797.6n	688.6n	660.5n	774.7n	619.9n
CB153 ppb w.wt							s1455.2n	424.2n	1220.7n	1020.3n	930.8n	907.8n	995.0n	782.9n
PCB ppb w.wt	5766n	5652n	2216n	<2337n	9478n	6770n								
PCB ppm w.wt		1	<1											
CB156 ppb w.wt									55.8	71.0	61.0	72.0	66.4	100.6
CB180 ppb w.wt							s408.0n	174.6n	435.1n	370.2n	294.4n	298.4n	289.8n	219.2n
CB209 ppb w.wt								8.1	<<7.2	<<6.7	<<7.5	<<6.0	<6.4	<8.8
CB Σ7 ppb w.wt							s<6063n	1305n	3853n	<<2888n	<2778n	2760n	3033n	2548n
CB ΣΣ ppb w.wt							s<6063n	1313n	<<3861n	<<3106n	<<3046n	<<3011n	<3333n	2825n
DDEPP ppb w.wt	558.6n	534.8n	402.0n	<378.0n	<639.6n	1286.4n	164.7	476.3n	205.4n	218.3n	218.6n	281.3n	280.4n	327.4n
DDTPP ppb w.wt			<110.8	<189.6	<231.2n	<<259.2n								
TDEPP ppb w.wt									40.4	<48.6	38.6	72.3	138.2	152.5
DD Σ4 ppb w.wt	558.6n	534.8n	<512.8n	<562.8n	<870.8n	<<1545.6n	164.7	476.3n	245.8n	<266.9n	257.2n	353.6n	418.6n	479.9n
HCHA ppb w.wt							30.6	<<6.3	<<5.0	<<5.0	<5.5	<<4.2	4.2	<4.3
HCHG ppb w.wt			173.6n	<<70.8n	<<54.4n	<197.6n	3.2	13.7	<<5.2	<<5.5	<8.6	<6.9	7.9	<11.9
HC Σ2 ppb w.wt			173.6n	<<70.8n	<<54.4n	<197.6n	33.8	<<20.0	<<6.1	<<7.0	<14.0	<<10.8	12.1	<16.0
HCB ppb w.wt	107.9n	67.6n	72.8n	<<42.0n	<<46.8n	<60.0n	10.6	18.0	<<8.2	16.2	11.6	11.2	10.5	<9.9
QCB ppb w.wt							<2.6	<<5.0	<<5.0	<<5.0	<<3.1	<<3.1	<<2.0	<<2.0
OCS ppb w.wt							8.3	<15.0	<<6.7	<<5.9	<<4.4	<<5.1	<3.8	<<4.3
EPOCL ppb w.wt			<5076	<<5360	12287	9780	68136							
PYR ppb w.wt									<<251.9					
B Age year									3.67					
Count Max									3.00					
Count Min									3.00					
Dry %									46.97					
Fat %									6.73					

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	970118	970122	970203	980115	980116	980117	980121	980202	990114	990118	990121	990122	990128	991106
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	25.00
I ppm w.wt														
Age year	4.94	4.80	4.30	6.50	6.60	6.40	6.30	7.00	6.80	7.80	6.50	6.10	6.60	3.88
Count Max	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	25.00
Count Min	10.00	10.00	5.00	10.00	10.00	10.00	10.00	5.00	10.00	10.00	8.00	10.00	10.00	4.00
Dry %	60.77	58.92	66.09	60.73	59.90	65.25	60.81	56.64	42.59	48.61	49.98	67.16	44.66	40.93
Fat %	51.48	47.93	56.37	50.06	50.25	55.41	52.25	43.82	26.26	35.75	36.14	58.31	53.29	23.28
Lenght.mean mm	539.50	479.00	488.50	525.50	516.00	540.50	504.00	541.50	545.00	579.50	528.00	494.50	513.00	476.40
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	50.72	30.29	50.63	46.46	46.26	52.84	45.26	47.72	21.82	45.33	29.86	36.29	24.08	17.92
Weight g	1532.40	1134.10	1251.40	1540.20	1669.00	1497.40	1349.30	1867.30	1531.90	2098.50	1397.00	1221.97	1410.00	1087.20
CD ppm w.wt	0.16n	0.07	0.05	0.04	0.12n	0.07	0.07	0.09	0.13n	0.14n	0.07	0.15n	0.15n	0.20n
CU ppm w.wt	7.22	6.65	5.39	9.26	7.75	6.24	9.08	7.72	14.06	9.31	8.31	8.12	12.77	14.00
PB ppm w.wt	<<0.07	<<0.18n	<<0.15n	<<0.58n	<0.23n	<0.36n	<0.19n	<<0.35n	0.62n	<0.27n	<0.29n	<<0.07	0.73n	<0.95n
ZN ppb w.wt	<458.5	<496.1	710.4	630.1	391.6	434.0	<643.1	<852.0	<<469.9	<<503.7	<<337.4	<<435.9	<<133.7	<<282.8
ZN ppm w.wt	23.8	23.4	19.3	27.0	26.0	23.5	24.8	27.2	35.4n	30.8n	29.3	21.6	34.0n	40.8n
CB28 ppb w.wt	23.9n	24.1n	30.5n	18.2n	8.4	13.6n	19.1n	27.3n	9.1	11.9n	6.3	22.4n	<<2.6	8.6
CB52 ppb w.wt	88.6n	107.1n	139.5n	77.3n	53.2n	72.4n	104.5n	147.8n	66.0n	89.2n	58.1n	189.0n	20.8n	32.0n
CB101 ppb w.wt	284.9n	324.4n	399.3n	440.5n	237.1n	312.4n	451.0n	590.8n	348.0n	449.0n	311.3n	584.0n	112.9n	151.3n
CB105 ppb w.wt	229.3	201.0	234.5	305.5	229.9	238.0	305.3	402.4	289.0	340.0	196.0	267.0	87.8	186.3
CB118 ppb w.wt	451.7n	479.1n	552.8n	758.2n	545.8n	530.6n	673.8n	974.5n	691.0n	924.0n	501.1n	753.0n	248.2n	426.3n
CB138 ppb w.wt	666.5n	628.6n	749.2n	1254.7n	844.0n	772.2n	978.7n	1501.6n	1154.0n	1482.0n	818.9n	1062.0n	475.4n	992.9n
CB153 ppb w.wt	906.1n	830.9n	962.1n	1483.7n	1019.8n	908.0n	1000.4n	1751.4n	1527.0n	1958.0n	1036.7n	1348.0n	625.0n	1125.0n
PCB ppm w.wt														
PCB156 ppb w.wt	93.7	71.2	77.8	110.5	81.2	66.0	89.1	129.0	116.1	100.0	58.1	62.4	33.3	71.2
CB180 ppb w.wt	310.3n	241.0n	259.0n	444.5n	329.4n	263.8n	327.3n	509.3n	498.0n	606.0n	302.2n	297.0n	204.6n	487.4n
CB209 ppb w.wt	7.9	<4.9	6.0	5.9	4.5	<<2.6	4.4	8.0	10.6	<9.3	<<4.1	<<8.1	<<4.4	10.7
CB Σ7 ppb w.wt	2732n	2635n	3092n	4477n	3038n	2873n	3555n	5503n	4293n	5520n	3035n	4255n	<<1690n	3211n
CB ΣΣ ppb w.wt	3063n	<2912n	3411n	4899n	3353n	<<3180n	3954n	6042n	4709n	<5969n	<<3293n	<<4593n	<<1814n	3439n
DDEPP ppb w.wt	285.3n	316.1n	397.7n	464.5n	304.4n	314.9n	410.7n	569.9n	349.0n	412.0n	269.2n	334.0n	114.2	231.6n
DDTPP ppb w.wt			165.8					284.4n						64.0
TDEPP ppb w.wt	147.9	164.6	216.8n	153.3	70.2	98.0	212.4n	129.6	112.6	82.2	65.4	86.6	<17.9	62.0
DD Σ4 ppb w.wt	433.2n	480.7n	697.4n	617.8n	374.6n	412.9n	623.1n	841.7n	461.6n	494.2n	334.7n	420.6n	<132.1	278.4n
HCHA ppb w.wt	<6.7	<4.3	4.4	3.4	4.9	6.4	<6.3	<3.2	<<2.5	<<3.8	<<2.0	<<7.6	<<2.0	<<2.1
HCHG ppb w.wt	18.6	11.1	8.6	8.9	12.1	14.7	<13.9	7.1	5.8	<6.1	<<2.5	<<10.1	<<2.0	<2.6
HC Σ2 ppb w.wt	<25.3	<15.4	13.0	12.3	17.0	21.1	<20.0	<10.3	<<8.3	<<9.5	<<2.7	<<15.3	<<2.0	<<4.5
HCB ppb w.wt	13.6	11.7	13.1	7.5	4.9	7.7	7.6	8.9	6.1	7.5	4.3	13.6	<<1.8	6.1
QCB ppb w.wt	<<2.0	<<2.0	<<2.0	<3.3	<<2.3	3.9	<3.0	<<2.7	<<1.1	<<1.9	<<1.0	<<3.8	<<1.0	<<0.8
OCS ppb w.wt	<4.4	<4.2	<<4.1	5.6	<<2.3	<<2.9	4.5	7.3	<<1.0	<<1.9	<<1.1	<<3.8	<<1.2	6.6
EPOCL ppb w.wt														
PYR ppb w.wt														
B Age year														
Count Max														
Count Min														
Dry %														
Fat %														

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>		001106	011002	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
I	no in sample	25.00	25.00	17.39
	ppm w.wt			0.56
	Age year	4.04	4.08	4.63
	Count Max	25.00	25.00	
	Count Min	25.00	25.00	
	Dry %	58.77	51.78	58.28
	Fat %	45.84	37.27	46.84
	Lenght.mean mm	469.00	465.88	494.70
	No of individ.in sub-sample	1.00	1.00	1.00
	Tissue weight g	24.28	25.95	38.60
	Weight g	914.84	1088.76	1300.36
	CD ppm w.wt	0.10	0.15n	0.15n
	CU ppm w.wt	7.10	9.50	9.78
	PB ppm w.wt	0.38n	<0.25n	0.38n
	ZN ppb w.wt	<<225.2	<257.3	<441.4
	ZN ppm w.wt	26.1	30.5n	28.3
	CB28 ppb w.wt	10.7n	11.3n	11.3n
	CB52 ppb w.wt	45.6n	50.1n	s<<646.4n
	CB101 ppb w.wt	142.0n	164.2n	303.7n
	CB105 ppb w.wt	127.6	153.7	223.8
	CB118 ppb w.wt	333.6n	407.6n	548.9n
	CB138 ppb w.wt	642.8n	700.8n	849.5n
	CB153 ppb w.wt	939.2n	971.6n	1072.8n
	PCB ppb w.wt			<5370n
	PCB ppm w.wt			<<1
	CB156 ppb w.wt	44.8	49.5	75.5
	CB180 ppb w.wt	280.2n	302.8n	337.9n
	CB209 ppb w.wt	<<4.6	6.0	<<6.5
	CB Σ7 ppb w.wt	2394n	2608n	<3209n
	CB ΣΣ ppb w.wt	<<2571n	2818n	<<3489n
	DDEPP ppb w.wt	168.7	206.2n	<365.3n
	DDTPP ppb w.wt			<<186.4
	TDEPP ppb w.wt	50.6	47.0	<97.8
	DD Σ4 ppb w.wt	219.4n	253.2n	<470.0n
	HCHA ppb w.wt	<<2.5	<1.4	<<6.4
	HCHG ppb w.wt	<<4.2	2.7	2.7
	HC Σ2 ppb w.wt	<<5.9	<4.1	<<27.9
	HCB ppb w.wt	8.9	8.8	8.9
	QCB ppb w.wt	<<1.7	<1.1	<<3.0
	OCS ppb w.wt	6.1	6.7	6.7
	EPOCL ppb w.wt			<<20128
	PYR ppb w.wt			<<251.9
B	Age year			3.67
	Count Max			
	Count Min			
	Dry %			46.97
	Fat %			6.73

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	841126	851111	861119	871111	890116	891113	901204	911003	921230	931106	941000	951106	970115	970116
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Lenght.max mm									513.33					
Lenght.mean mm									481.00					
Lenght.min mm									450.00					
No of individ.in sub-sample									5.00					
Tissue weight g									23.85					
Weight g									1235.70					
NAP ppb w.wt									<<0.2					
NAP2M ppb w.wt									2.9					
NAP1M ppb w.wt									2.0					
BIPN ppb w.wt									0.7					
NAPDI ppb w.wt									0.5					
NAPTM ppb w.wt									1.4					
ACNLE ppb w.wt									2.5					
ACNE ppb w.wt									1.9					
FLE ppb w.wt									<<0.5					
PA ppb w.wt									<<0.5					
ANT ppb w.wt									2.6					
PAM1 ppb w.wt									0.6					
FLU ppb w.wt									3.4					
PYR ppb w.wt									1.1					
BAA ppb w.wt									<<0.2					
CHR ppb w.wt									0.8					
BBF ppb w.wt									1.2					
BJKF ppb w.wt									<<0.2					
BEP ppb w.wt									0.4					
BAP ppb w.wt									<<0.2					
PER ppb w.wt									<<0.2					
ICDP ppb w.wt									<<0.3					
DBA3A ppb w.wt									<<0.2					
BGHIP ppb w.wt									0.5					
COR ppb w.wt									<<0.2					
DBP ppb w.wt									<<0.2					
DI Σ ppb w.wt									<<7.8					
P Σ ppb w.wt									<<16.3					
PK Σ ppb w.wt									<<1.6					
PAHSS ppb w.wt									<<23.9					

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	970118	970122	970203	980115	980116	980117	980121	980202	990114	990118	990121	990122	990128	991106
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Lenght.max	mm													
Lenght.mean	mm													
Lenght.min	mm													
No of individ.in sub-sample														
Tissue weight g														
Weight	g													
NAP	ppb w.wt													
NAP2M	ppb w.wt													
NAP1M	ppb w.wt													
BIPN	ppb w.wt													
NAPDI	ppb w.wt													
NAPTM	ppb w.wt													
ACNLE	ppb w.wt													
ACNE	ppb w.wt													
FLE	ppb w.wt													
PA	ppb w.wt													
ANT	ppb w.wt													
PAM1	ppb w.wt													
FLU	ppb w.wt													
PYR	ppb w.wt													
BAA	ppb w.wt													
CHR	ppb w.wt													
BBF	ppb w.wt													
BJKF	ppb w.wt													
BEP	ppb w.wt													
BAP	ppb w.wt													
PER	ppb w.wt													
ICDP	ppb w.wt													
DBA3A	ppb w.wt													
BGHIP	ppb w.wt													
COR	ppb w.wt													
DBP	ppb w.wt													
DI Σ	ppb w.wt													
P Σ	ppb w.wt													
PK Σ	ppb w.wt													
PAHSS	ppb w.wt													

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	001106	011002	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
Lenght.max mm			513.33
Lenght.mean mm			481.00
Lenght.min mm			450.00
No of individ.in sub-sample			5.00
Tissue weight g			23.85
Weight g			1235.70
NAP ppb w.wt			<<0.2
NAP2M ppb w.wt			2.9
NAP1M ppb w.wt			2.0
BIPN ppb w.wt			0.7
NAPDI ppb w.wt			0.5
NAPTM ppb w.wt			1.4
ACNLE ppb w.wt			2.5
ACNE ppb w.wt			1.9
FLE ppb w.wt			<<0.5
PA ppb w.wt			<<0.5
ANT ppb w.wt			2.6
PAM1 ppb w.wt			0.6
FLU ppb w.wt			3.4
PYR ppb w.wt			1.1
BAA ppb w.wt			<<0.2
CHR ppb w.wt			0.8
BBF ppb w.wt			1.2
BJKF ppb w.wt			<<0.2
BEP ppb w.wt			0.4
BAP ppb w.wt			<<0.2
PER ppb w.wt			<<0.2
ICDP ppb w.wt			<<0.3
DBA3A ppb w.wt			<<0.2
BGHIP ppb w.wt			0.5
COR ppb w.wt			<<0.2
DBP ppb w.wt			<<0.2
DI Σ ppb w.wt			<<7.8
P Σ ppb w.wt			<<16.3
PK Σ ppb w.wt			<<1.6
PAHSS ppb w.wt			<<23.9

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	841126	851111	861119	871111	890116	891113	901204	911003	921230	931106	941000	951106	970115	970116
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	29.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	18.00	24.00	25.00	25.00	10.00	10.00
Age year	1.39	2.04	1.19	1.96	4.64	3.28	3.76	2.88	3.61	4.63	3.96	4.08	4.00	4.95
Count Max	29.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	18.00	24.00	25.00	25.00	10.00	10.00
Count Min	29.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	18.00	24.00	25.00	25.00	10.00	10.00
Dry %	21.72	20.11	19.52	20.17	21.61	22.48	19.96	19.41	19.56	19.49	20.33	19.51	19.50	19.33
Fat %				0.11										
Lenght.mean mm	445.52	350.00	397.60	434.40	484.20	528.40	536.80	525.60	463.61	520.42	474.00	489.00	453.50	527.00
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g												51.81	53.77	53.47
Weight g	897.21	396.32	588.20	717.24	1140.12	1530.56	1715.88	1524.56	1125.68	1591.33	1080.80	1293.00	1023.20	1757.10
HG ppm w.wt +.+.+.+	0.149n	0.096	0.086	0.040	<0.118n	0.144n	0.140n	<0.101n	0.134n	0.142n	0.122n	0.116n	0.121n	0.138n
PCB ppb w.wt +.+.+.+.+	<<50n	<<50n	<<23n	<<30n										
B Age year							3.80	2.80	3.67	4.40	4.00	3.80	4.00	4.95
Count Max							5.00	5.00	3.00	5.00	5.00	5.00	2.00	2.00
Count Min							5.00	5.00	3.00	5.00	5.00	5.00	2.00	2.00
Dry %							19.96	19.40		19.50		19.52		
Fat %							0.26	0.50	0.30	0.32	0.16	0.07	0.36	0.36
Lenght.max mm							552.00	552.00	513.33	546.00	497.00	525.00	502.50	632.50
Lenght.mean mm							536.80	525.60	481.00	516.00	474.00	489.00	453.50	527.00
Lenght.min mm							514.00	494.00	450.00	492.00	450.00	464.00	420.00	445.00
No of individ.in sub-sample							5.00	5.00	5.00	4.80	5.00	5.00	5.00	5.00
Tissue weight g												51.81	53.77	53.46
Weight g							1715.68	1524.40	1235.70	1559.70	1080.80	1293.02	1023.20	1757.10
HG ppb w.wt +.+.+.+.+							0.774	<<1.468	<<2.200	s<<1.320	<<0.520	<<0.372	<<1.070	<<1.505
CB28 ppb w.wt +.+.+.+.+							<0.1	<0.1	0.1	<<0.1	0.1	0.0	0.1	0.1
CB52 ppb w.wt +.+.+.+.+							0.2	0.3	0.2	0.3	0.2	0.2	0.4	0.4
CB101 ppb w.wt +.+.+.+.+							0.2	1.0	1.3	1.0	0.5	0.3	1.0	1.4
CB105 ppb w.wt +.+.+.+.+								0.9	1.6	1.0	0.4	0.3	0.8	1.1
CB118 ppb w.wt +.+.+.+.+							0.5	2.0	3.4	1.9	0.8	0.6	1.5	2.3
CB138 ppb w.wt +.+.+.+.+							1.2	3.1	6.2	2.7	1.0	0.7	1.9	3.8
CB153 ppb w.wt +.+.+.+.+							1.4	3.8	7.3	3.3	1.2	0.8	2.2	4.8
CB156 ppb w.wt +.+.+.+.+								0.1	0.4	0.3	0.1	0.1	0.2	0.4
CB180 ppb w.wt +.+.+.+.+							0.3	0.9	2.4	1.0	0.3	0.2	0.6	1.4
CB209 ppb w.wt +.+.+.+.+							<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
CB Σ7 ppb w.wt +.+.+.+.+							<4	<11n	21n	<<10n	4	3	8n	14n
CB ΣΣ ppb w.wt +.+.+.+.+							<<4	<<12n	<<23n	<<12n	<<5	<<3	<<9	15n
DDEPP ppb w.wt +.+.+.+.+							0.5	1.1n	1.9n	0.9	0.4	0.3	0.8	1.2n
TDEPP ppb w.wt +.+.+.+.+								0.3	0.2	0.2	0.1	0.1	0.2	0.2
DD Σ4 ppb w.wt +.+.+.+.+							0.5	1.4n	2.1n	1.1n	0.4	0.3	1.0	1.4n
HCHA ppb w.wt +.+.+.+.+							0.2	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
HCHG ppb w.wt +.+.+.+.+							0.1	<<0.1	<<0.1	s<<0.1	0.1	<0.0	0.1	0.1
HC Σ2 ppb w.wt +.+.+.+.+							0.3	<<0.1	<<0.1	s<<0.2	<<0.1	<<0.1	<<0.1	<<0.1
HCB ppb w.wt +.+.+.+.+							0.1	0.1	0.1	0.1	0.0	<<0.0	0.0	0.0
QCB ppb w.wt +.+.+.+.+							<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
OCS ppb w.wt +.+.+.+.+							<<0.1	<<0.1	0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
NAP ppb w.wt +.+.+.+.+										<<0.2				
NAP2M ppb w.wt +.+.+.+.+										<<0.2				

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	970118	970122	970203	980115	980116	980117	980121	980202	990114	990118	990121	990122	990128	991106
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	25.00
Age year	4.94	4.80	4.30	6.50	6.60	6.40	6.30	7.00	6.80	7.80	6.50	6.10	6.60	3.88
Count Max	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	25.00
Count Min	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	25.00
Dry %	19.45	19.38	19.38	19.80	20.22	20.02	20.30	19.91	19.10	18.72	18.87	19.61	18.91	18.39
Fat %														
Lenght.mean mm	539.50	479.00	488.50	525.50	516.00	540.50	504.00	541.50	545.00	579.50	528.00	494.50	513.00	476.40
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	56.65	53.12	51.41	62.65	58.92	70.38	50.19	50.31	50.28	80.83	49.93	57.93	49.66	50.07
Weight g	1532.40	1134.10	1251.40	1540.20	1669.00	1497.40	1349.30	1867.30	1531.90	2098.50	1397.00	1221.97	1410.00	1087.20
HG ppm w.wt +.+.+.+	0.179n	0.114n	0.144n	0.204n	0.136n	0.153n	0.188n	0.196n	0.206n	0.216n	0.193n	0.089	0.216n	0.243n
PCB ppb w.wt +.+.+.+.+														
B Age year	4.95	4.80	4.15	6.50	6.60	6.40	6.30	7.00	6.50	7.90	6.30	6.50	7.00	3.88
Count Max	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	5.00
Count Min	2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	5.00
Dry %			19.13											
Fat %	0.32	0.34	0.31	0.20	0.35	0.33	0.34	0.33	0.36	0.36	0.24	0.36	0.26	0.36
Lenght.max mm	570.00	495.00	542.50	590.00	620.00	552.50	527.50	617.50	595.00	680.00	587.50	522.50	600.00	502.00
Lenght.mean mm	539.50	479.00	488.50	525.50	516.00	540.50	504.00	541.50	545.00	579.50	528.00	494.50	513.00	476.40
Lenght.min mm	512.50	465.00	435.00	450.00	460.00	520.00	480.00	467.50	500.00	510.00	467.50	455.00	450.00	455.00
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Tissue weight g	56.65	53.12	51.41	62.65	58.92	70.38	50.18	50.31	50.28	80.83	49.93	57.93	49.66	50.07
Weight g	1532.40	1134.10	1251.40	1540.20	1675.00	1497.40	1349.30	1867.30	1531.90	2098.50	1397.00	1221.95	1410.00	1087.20
HG ppb w.wt +.+.+.+.+	<<0.970	s<<1.565	<<1.420	<<1.655	<<1.055	<<1.255	<<1.940	<<1.905	<<2.700	<<2.215	<<2.225	<<1.460	<<2.055	<<1.688
CB28 ppb w.wt +.+.+.+.+	0.1	0.1	0.1	<<0.1	<<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<<0.1
CB52 ppb w.wt +.+.+.+.+	0.3	0.4	0.4	<<0.1	<<0.1	<<0.1	<<0.2	<<0.1	0.4	0.4	0.4	0.6	0.3	0.2
CB101 ppb w.wt +.+.+.+.+	1.1	1.2	1.1	1.3	0.7	1.1	1.8	1.7	2.0	1.8	1.9	1.4	1.4	0.8
CB105 ppb w.wt +.+.+.+.+	1.0	0.9	0.8	1.3	0.9	1.0	1.5	1.5	2.4	1.9	1.7	0.9	1.6	1.4
CB118 ppb w.wt +.+.+.+.+	1.9	1.8	1.6	2.7	1.8	1.9	3.1	3.0	5.4	4.3	3.9	2.2	3.7	3.3
CB138 ppb w.wt +.+.+.+.+	2.9	2.4	1.9	4.4	2.8	2.8	4.8	4.8	9.6	7.0	6.3	2.8	6.9	5.9
CB153 ppb w.wt +.+.+.+.+	3.7	2.8	2.2	4.6	3.1	3.0	5.0	5.1	12.3	9.1	7.4	3.2	8.4	8.0
CB156 ppb w.wt +.+.+.+.+	0.3	0.2	0.2	0.4	0.3	0.2	0.4	0.4	0.7	0.5	0.4	0.2	0.5	0.5
CB180 ppb w.wt +.+.+.+.+	1.1	0.7	0.6	1.1	0.8	0.7	1.4	1.3	3.4	2.2	1.7	0.7	2.3	2.3
CB209 ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	0.1
CB Σ7 ppb w.wt +.+.+.+.+	11n	9n	8n	<<14n	<<9n	<<10n	<<17n	<<16n	33n	25n	22n	11n	23n	<<21n
CB ΣΣ ppb w.wt +.+.+.+.+	<<12n	<<11n	<<9	<<16n	<<10n	<<11n	<<19n	<<18n	<<36n	<<27n	<<24n	<<12n	<<25n	<<23n
DDEPP ppb w.wt +.+.+.+.+	0.9	1.1n	1.0	1.2n	0.8	0.9	1.5n	1.5n	2.3n	1.8n	1.5n	1.1n	1.6n	1.4n
TDEPP ppb w.wt +.+.+.+.+	0.2	0.3	0.4	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.2
DD Σ4 ppb w.wt +.+.+.+.+	1.1n	1.4n	1.4n	1.6n	0.9	1.2n	1.9n	1.8n	2.6n	2.1n	2.1n	1.3n	1.9n	1.6n
HCHA ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HCHG ppb w.wt +.+.+.+.+	0.1	s0.2	s0.2	<<0.1	0.1	<<0.1	<<0.1	0.1	0.1	0.1	0.1	0.1	0.1	<<0.1
HC Σ2 ppb w.wt +.+.+.+.+	<<0.1	s<<0.2	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HCB ppb w.wt +.+.+.+.+	0.1	0.1	0.1	<<0.1	<<0.1	<<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
QCB ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0
OCS ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0
NAP ppb w.wt +.+.+.+.+														
NAP2M ppb w.wt +.+.+.+.+														

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>		001106	011002	Mean
SampleParam	(w,d,l): No.Fo.Ri	Mean	Mean	Mean
I	no in sample	25.00	25.00	16.75
	Age year	4.04	4.08	4.63
	Count Max	25.00	25.00	
	Count Min	25.00	25.00	
	Dry %	19.06	18.58	19.75
	Fat %			0.11
	Lenght.mean mm	469.00	465.88	494.53
	No of individ.in sub-sample	1.00	1.00	1.00
	Tissue weight g	50.55	58.01	55.79
	Weight g	914.84	1088.76	1299.08
	HG ppm w.wt +.+.+.+	0.232n	0.267n	0.267n
	PCB ppb w.wt +.+.+.+.+			<<38n
B	Age year	4.00	4.08	5.18
	Count Max	5.00	5.00	
	Count Min	2.00	5.00	
	Dry %			19.50
	Fat %	0.36	0.32	0.31
	Lenght.max mm	482.00	501.00	554.39
	Lenght.mean mm	469.00	465.88	508.70
	Lenght.min mm	451.00	440.20	468.65
	No of individ.in sub-sample	5.00	5.00	4.99
	Tissue weight g	50.55	58.01	56.10
	Weight g	914.84	1088.76	1407.79
	HG ppb w.wt +.+.+.+.+	<<0.634	<<0.766	<<2.015
	CB28 ppb w.wt +.+.+.+.+	<<0.1	<0.1	<0.1
	CB52 ppb w.wt +.+.+.+.+	0.2	0.2	0.3
	CB101 ppb w.wt +.+.+.+.+	0.4	0.7	1.1
	CB105 ppb w.wt +.+.+.+.+	0.5	0.7	1.1
	CB118 ppb w.wt +.+.+.+.+	0.9	1.6	2.3
	CB138 ppb w.wt +.+.+.+.+	1.9	2.6	3.8
	CB153 ppb w.wt +.+.+.+.+	2.5	3.4	4.5
	CB156 ppb w.wt +.+.+.+.+	0.1	0.2	0.3
	CB180 ppb w.wt +.+.+.+.+	0.8	1.0	1.2
	CB209 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.1
	CB Σ7 ppb w.wt +.+.+.+.+	<<7n	<9n	<<13n
	CB ΣΣ ppb w.wt +.+.+.+.+	<<7	<<10n	<<15n
	DDEPP ppb w.wt +.+.+.+.+	0.5	0.6	1.1n
	TDEPP ppb w.wt +.+.+.+.+	0.1	0.1	0.2
	DD Σ4 ppb w.wt +.+.+.+.+	0.6	0.7	1.4n
	HCHA ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.1
	HCHG ppb w.wt +.+.+.+.+	<<0.0	<<0.0	0.1
	HC Σ2 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.1
	HCB ppb w.wt +.+.+.+.+	0.1	0.1	0.1
	QCB ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0
	OCS ppb w.wt +.+.+.+.+	<<0.0	0.0	0.0
	NAP ppb w.wt +.+.+.+.+			<<0.2
	NAP2M ppb w.wt +.+.+.+.+			<<0.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>				841126	851111	861119	871111	890116	891113	901204	911003	921230	931106	941000	951106	970115	970116
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
	NAP1M	ppb	w.wt	.....								<<0.2					
	BIPN	ppb	w.wt	.....								<<0.2					
	NAPDI	ppb	w.wt	.....								<<0.2					
	NAPTM	ppb	w.wt	.....								<<0.2					
	ACNLE	ppb	w.wt	.....								<<0.2					
	ACNE	ppb	w.wt	.....								<<0.2					
	FLE	ppb	w.wt	.....								<<0.2					
	PA	ppb	w.wt	.....								<<0.2					
	ANT	ppb	w.wt	.....								<<0.2					
	PAMI	ppb	w.wt	.....								<<0.2					
	FLU	ppb	w.wt	.....								<<0.2					
	PYR	ppb	w.wt	.....								<<0.2					
	BAA	ppb	w.wt	.....								<<0.2					
	CHR	ppb	w.wt	.....								<<0.2					
	BBF	ppb	w.wt	.....								<<0.2					
	BJKF	ppb	w.wt	.....								<<0.2					
	BEP	ppb	w.wt	.....								<<0.2					
	BAP	ppb	w.wt	?.....								<<0.2					
	PER	ppb	w.wt	.....								<<0.2					
	ICDP	ppb	w.wt	.....								<<0.2					
	DBA3A	ppb	w.wt	.....								<<0.2					
	BGHIP	ppb	w.wt	.....								<<0.2					
	COR	ppb	w.wt	.....								<<0.2					
	DBP	ppb	w.wt	.....								<<0.2					
	DI Σ	ppb	w.wt	.....								<<0.2					
	P Σ	ppb	w.wt	.....								<<0.2					
	PK Σ	ppb	w.wt	.....								<<0.2					
	PAHSS	ppb	w.wt	?.....								<<0.2					
H	Age		year					5.00	3.00								
	Count Max							1.00	1.00								
	Count Min							1.00	1.00								
	Dry		%					21.60	22.13								
	Fat		%					0.30	0.44								
	Lenght.max		mm					665.00	670.00								
	Lenght.mean		mm					484.00	528.00								
	Lenght.min		mm					360.00	425.00								
	No of individ.in sub-sample							25.00	25.00								
	Weight		g					1140.00	1531.00								
	PCB	ppb	w.wt	+.+.+.+.+				30n	<<20n								

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30B Oslo City area, Latitude: 59°52.0N Longitude: 10°39.0E

Sampling date (YYMMDD) =>	970118	970122	970203	980115	980116	980117	980121	980202	990114	990118	990121	990122	990128	991106
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
NAP1M ppb w.wt														
BIPN ppb w.wt														
NAPDI ppb w.wt														
NAPTM ppb w.wt														
ACNLE ppb w.wt														
ACNE ppb w.wt														
FLE ppb w.wt														
PA ppb w.wt														
ANT ppb w.wt														
PAM1 ppb w.wt														
FLU ppb w.wt														
PYR ppb w.wt														
BAA ppb w.wt														
CHR ppb w.wt														
BBF ppb w.wt														
BJKF ppb w.wt														
BEP ppb w.wt														
BAP ppb w.wt ?.....														
PER ppb w.wt														
ICDP ppb w.wt														
DBA3A ppb w.wt														
BGHIP ppb w.wt														
COR ppb w.wt														
DBP ppb w.wt														
DI Σ ppb w.wt														
P Σ ppb w.wt														
PK Σ ppb w.wt														
PAHSS ppb w.wt ?.....														
H Age year														
Count Max														
Count Min														
Dry %														
Fat %														
Lenght.max mm														
Lenght.mean mm														
Lenght.min mm														
No of individ.in sub-sample														
Weight g														
PCB ppb w.wt +..+....														

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30X West of Nesodden, Latitude: 59°48.50N Longitude: 10°36.0E

Sampling date (YYMMDD) =>		930314
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	19.00
	Age year	4.00
	Count Max	19.00
	Count Min	19.00
	Dry %	58.69
	Fat %	47.55
	Lenght.mean mm	534.21
	No of individ.in sub-sample	1.00
	Tissue weight g	58.92
	Weight g	1724.54
	CD ppm w.wt +..+....	<0.05
	CU ppm w.wt +.....	9.91
	PB ppm w.wt +..+....	<<0.08
	ZN ppm w.wt +.....	24.5
	CB28 ppb w.wt ?..+....	35.5n
	CB52 ppb w.wt ?..+....	130.9n
	CB101 ppb w.wt ?..+....	347.6n
	CB105 ppb w.wt	242.8
	CB118 ppb w.wt ?..+....	659.9n
	CB138 ppb w.wt ?..+....	724.0n
	CB153 ppb w.wt ?..+....	888.1n
	CB156 ppb w.wt	60.4
	CB180 ppb w.wt ?..+....	220.0n
	CB209 ppb w.wt	<<5.5
	CB Σ7 ppb w.wt +..+....	3006n
	CB ΣΣ ppb w.wt +..+....	<<3315n
	DDEPP ppb w.wt +..+....	282.1n
	TDEPP ppb w.wt +..+....	101.3
	DD Σ4 ppb w.wt +..+....	383.4n
	HCHA ppb w.wt +..+....	<<5.1
	HCHG ppb w.wt +..+....	<<5.8
	HC Σ2 ppb w.wt +..+....	<<7.5
	HCB ppb w.wt +..+....	14.3
	QCB ppb w.wt	<<5.0
	OCS ppb w.wt	<9.1
	PYR ppb w.wt	<<390.9
B	Age year	4.33
	Count Max	3.00
	Count Min	3.00
	Dry %	58.80
	Fat %	7.77
	Lenght.max mm	596.67
	Lenght.mean mm	561.67
	Lenght.min mm	520.00
	No of individ.in sub-sample	5.00
	Tissue weight g	70.13
	Weight g	1973.70

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30X West of Nesodden, Latitude: 59°48.50N Longitude: 10°36.0E

Sampling date (YYMMDD) =>				930314
Sample Param	(w,d,l):	No.Fo.Ri		Mean
NAP	ppb	w.wt	.....	<<0.2
NAP2M	ppb	w.wt	.....	2.7
NAP1M	ppb	w.wt	.....	2.0
BIPN	ppb	w.wt	.....	0.6
NAPDI	ppb	w.wt	.....	0.5
NAPTM	ppb	w.wt	.....	2.0
ACNLE	ppb	w.wt	.....	5.2
ACNE	ppb	w.wt	.....	2.0
FLE	ppb	w.wt	.....	0.5
PA	ppb	w.wt	.....	<<0.7
ANT	ppb	w.wt	.....	5.9
PAM1	ppb	w.wt	.....	1.0
FLU	ppb	w.wt	.....	2.7
PYR	ppb	w.wt	.....	1.8
BAA	ppb	w.wt	.....	0.5
CHR	ppb	w.wt	.....	1.0
BBF	ppb	w.wt	.....	1.7
BJKF	ppb	w.wt	.....	<<0.2
BEP	ppb	w.wt	.....	<<0.4
BAP	ppb	w.wt	.....	<<0.2
PER	ppb	w.wt	.....	<<0.2
ICDP	ppb	w.wt	.....	0.3
DBA3A	ppb	w.wt	.....	<<0.2
BGHIP	ppb	w.wt	.....	0.5
COR	ppb	w.wt	.....	<<0.2
DBP	ppb	w.wt	.....	<<0.2
DI Σ	ppb	w.wt	.....	<<8.0
P Σ	ppb	w.wt	.....	<<24.0
PK Σ	ppb	w.wt	.....	<<2.7
PAHSS	ppb	w.wt	.....	<<31.8

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30X West of Nesodden, Latitude: 59°48.50N Longitude: 10°36.0E

Sampling date (YYMMDD) =>		930314
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	19.00
	Age year	4.00
	Count Max	19.00
	Count Min	19.00
	Dry %	18.88
	Lenght.mean mm	534.21
	No of individ.in sub-sample	1.00
	Weight g	1724.54
	HG ppm w.wt +..+..+	0.120n
B	Age year	4.33
	Count Max	3.00
	Count Min	3.00
	Fat %	0.33
	Lenght.max mm	596.67
	Lenght.mean mm	561.67
	Lenght.min mm	520.00
	No of individ.in sub-sample	5.00
	Weight g	1973.70
	HG ppb w.wt +..+..+	<<0.967
	ZN ppb w.wt +.....	<<1.0
	CB28 ppb w.wt ...+....	<<0.1
	CB52 ppb w.wt ...+....	<<0.2
	CB101 ppb w.wt ...+....	0.8
	CB105 ppb w.wt	0.8
	CB118 ppb w.wt ...+....	1.4
	CB138 ppb w.wt ...+....	1.7
	CB153 ppb w.wt ...+....	2.0
	CB156 ppb w.wt	0.1
	CB180 ppb w.wt ...+....	0.5
	CB209 ppb w.wt	<<0.1
	CB Σ7 ppb w.wt +..+....	<<7n
	CB ΣΣ ppb w.wt +..+....	<<8
	DDEPP ppb w.wt +..+....	0.7
	TDEPP ppb w.wt +..+....	0.2
	DD Σ4 ppb w.wt +..+....	0.9
	HCHA ppb w.wt +..+....	<<0.1
	HCHG ppb w.wt +..+....	<<0.1
	HC Σ2 ppb w.wt +..+....	<<0.1
	HCB ppb w.wt +..+....	0.1
	QCB ppb w.wt	<<0.1
	OCS ppb w.wt	<<0.1
	NAP ppb w.wt	2.4
	NAP2M ppb w.wt	<<0.4
	NAP1M ppb w.wt	<<0.2
	BIPN ppb w.wt	<<0.2
	NAPDI ppb w.wt	<<0.2
	NAPTM ppb w.wt	<<0.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30X West of Nesodden, Latitude: 59°48.50N Longitude: 10°36.0E

Sampling date (YYMMDD) =>		930314
Sample Param (w,d,l):	No.Fo.Ri	Mean
ACNLE ppb w.wt	<<0.2
ACNE ppb w.wt	<<0.2
FLE ppb w.wt	<<0.2
PA ppb w.wt	<<0.2
ANT ppb w.wt	<<0.2
PAM1 ppb w.wt	<<0.2
FLU ppb w.wt	<<0.2
PYR ppb w.wt	<<0.2
BAA ppb w.wt	<<0.2
CHR ppb w.wt	<<0.2
BBF ppb w.wt	<<0.2
BJKF ppb w.wt	<<0.2
BEP ppb w.wt	<<0.2
BAP ppb w.wt	?.....	<<0.2
PER ppb w.wt	<<0.2
ICDP ppb w.wt	<<0.2
DBA3A ppb w.wt	<<0.2
BGHIP ppb w.wt	<<0.2
COR ppb w.wt	<<0.2
DBP ppb w.wt	<<0.2
DI Σ ppb w.wt	<<3.1
P Σ ppb w.wt	<<0.2
PK Σ ppb w.wt	<<0.2
PAHSS ppb w.wt	?.....	<<3.1

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 31B Solbergstrand, Latitude: 59°36.90N Longitude: 10°39.40E

Sampling date (YYMMDD) =>		811223	821200	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
I no in sample		10.00	27.00	18.50
I Age year		1.80	2.42	2.11
Count Max		10.00	27.00	
Count Min		5.00	26.00	
Dry %		52.64	55.88	54.26
Fat %		38.97	47.48	43.22
Lenght.mean mm		440.00	519.23	479.62
No of individ.in sub-sample		1.00	1.00	1.00
Tissue weight g		26.52	21.78	24.15
Weight g		956.50	1315.63	1136.06
CD ppm w.wt	+.+.+. .	0.11n	0.05	0.08
HG ppm w.wt	?..+. .	<0.038	<0.062	<<0.050
SE ppm w.wt	?.....		1.47	1.47
PCB ppb w.wt	+.+.+. .	3960n	4220n	4090n
PCB ppm w.wt	+.+.+. .		0	0
DDEPP ppb w.wt	+.+.+. .		390.0n	390.0n
DD_Σ4 ppb w.wt	+.+.+. .		390.0n	390.0n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 31B Solbergstrand, Latitude: 59°36.90N Longitude: 10°39.40E

Sampling date (YYMMDD) =>		811223	821200	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
I	no in sample	10.00	27.00	18.50
	Age year	1.80	2.42	2.11
	Count Max	10.00	27.00	
	Count Min	9.00	27.00	
	Dry %	20.72	21.70	21.21
	Fat %	0.43	0.32	0.38
	Lenght.mean mm	440.00	519.23	479.62
	No of individ.in sub-sample	1.00	1.00	1.00
	Weight g	956.50	1315.63	1136.06
	CD ppm w.wt +.+.+.+	0.01		0.01
	HG ppm w.wt +.+.+.+	0.050	0.106n	0.078
	SE ppm w.wt ?.?.?.?.?		0.31	0.31
	PCB ppb w.wt +.+.?.?.?	16n	<<50n	<<33n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 36B Færder, Latitude: 59°2.0N Longitude: 10°32.0E

Sampling date (YYMMDD) =>	811229	821200	831201	841214	851216	870204	880105	881213	891201	901105	911201	921215	940101	941220
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	10.00	27.00	23.00	24.00	14.00	25.00	25.00	25.00	25.00	24.00	25.00	25.00	25.00	25.00
Age year	2.00	2.48	2.57	2.54		1.92	1.96	3.20	1.72	2.42	2.88	3.16	3.60	3.16
Count Max	10.00	27.00	23.00	24.00	14.00	27.00	25.00	25.00	25.00	24.00	25.00	25.00	25.00	25.00
Count Min	10.00	20.00	23.00	24.00	14.00	25.00	24.00	25.00	21.00	24.00	25.00	22.00	25.00	19.00
Dry %	51.87	42.95	34.60	39.72	41.86	48.65	43.33	46.90	48.64	51.52	64.31	48.44	52.91	65.12
Fat %	36.50	34.73	18.70	29.60	29.13	20.49	22.32	32.55	32.75	39.87	58.48	36.39	38.18	55.92
Lenght.mean mm	511.00	532.22	510.43	506.67	555.71	501.30	432.60	525.60	481.80	510.42	501.60	504.60	532.20	534.40
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	22.80		26.00		36.19	20.43	14.68	29.62	27.32	32.87	54.74	38.82	53.65	56.94
Weight g	1228.00	1561.48	1579.78	1467.79	1724.50	1491.37	739.40	1470.24	1205.80	1326.75	1384.00	1378.80	1562.84	1629.52
CD ppm w.wt +.+.+.+. .	0.10	0.08	0.22n	0.09	0.07	0.21n	<0.07	<0.05	<0.04	0.03	<<0.01	0.03	0.04	0.04
CU ppm w.wt +.+.+.+. .						16.03	19.29	11.32	12.99	12.56	9.32	10.50	8.82	11.60
HG ppm w.wt ?..+.+. .	0.073	<0.096												
PB ppm w.wt +.+.+.+. .						0.39n	<0.18n	<<0.09	0.17n	0.12n	<<0.06	<<0.03	<<0.02	<<0.03
SE ppm w.wt ?..+.+. .		1.60	<<0.16											
ZN ppb w.wt +.+.+.+. .										<152.2	<<94.8	<<74.9	<<110.6	<<109.4
ZN ppm w.wt +.+.+.+. .						50.7n	63.5n	35.8n	35.6n	32.8n	22.8	27.1	23.7	25.2
CB28 ppb w.wt ?..+.+. .									s<180.4n	9.7	11.1n	<<5.6	<6.3	<11.9n
CB52 ppb w.wt ?..+.+. .									s494.6n	<15.8	16.8	<<5.2	<17.4	23.8n
CB101 ppb w.wt ?..+.+. .									s<145.4n	34.9	31.3	32.4	61.2n	48.3
CB105 ppb w.wt +.+.+.+. .											30.1	29.9	51.4	42.8
CB118 ppb w.wt ?..+.+. .									s<134.2n	140.8n	72.2	78.7	139.1n	107.4n
CB138 ppb w.wt ?..+.+. .									s429.6n	162.2n	83.9	103.5	185.8n	122.8
CB153 ppb w.wt ?..+.+. .									s527.1n	235.0n	133.8	167.6	266.3n	179.2
PCB ppb w.wt +.+.+.+. .	2690n	2632n	1882n	1839n	2957n	1140n	<746	2888n	2447n					
PCB ppm w.wt +.+.+.+. .		<0		<0	0	<<0								
CB156 ppb w.wt +.+.+.+. .											<8.2	<9.8	<19.0	<12.8
CB180 ppb w.wt ?..+.+. .									s<113.8n	57.3n	23.6	29.6	49.8	40.7
CB209 ppb w.wt +.+.+.+. .										<16.3	<<5.0	<<5.0	<<5.2	<<5.8
CB Σ7 ppb w.wt +.+.+.+. .									s<2020n	<656n	373	<<420	<726n	<531n
CB ΣΣ ppb w.wt +.+.+.+. .									s<2020n	<672	<<416	<<461	<<800	<<592
DDEPP ppb w.wt +.+.+.+. .		<226.5n	<<161.3	<228.3n	292.1n	<189.2	<110.8	212.8n	460.0n	108.7	54.4	49.5	86.6	68.0
DDTTP ppb w.wt +.+.+.+. .						<<71.6	<<121.7	<<54.8	<<246.7n					
TDEPP ppb w.wt +.+.+.+. .											20.7	<12.1	<10.2	<15.2
DD Σ4 ppb w.wt +.+.+.+. .		<226.5n	<<161.3	<228.3n	292.1n	<<260.0n	<<225.8n	<<267.6n	<<706.7n	108.7	75.2	<61.6	<96.8	<83.3
HCHA ppb w.wt +.+.+.+. .										37.0	<<5.0	<<5.8	<<6.1	<9.2
HCHG ppb w.wt +.+.+.+. .						<<58.8n	<<40.4	<<40.0	<61.3n	<6.5	14.6	<9.0	<<9.4	<17.1
HC Σ2 ppb w.wt +.+.+.+. .						<<58.8n	<<40.4	<<40.0	<61.3n	<43.5	<<19.6	<<13.7	<<14.3	<26.1
HCB ppb w.wt +.+.+.+. .			<<27.4n	<<37.1n	<42.9n	<28.0n	<<40.0n	<<40.0n	<<33.8n	<9.5	9.2	<9.2	<9.3	<9.3
QCB ppb w.wt +.+.+.+. .										<<3.5	<<5.0	<<5.0	<<4.0	<<5.0
OCS ppb w.wt +.+.+.+. .										<<28.9	<<5.0	<<6.2	<<4.2	<<5.0
EPOCL ppb w.wt +.+.+.+. .						<2424	<<4368	16290	4443	127092	7372			

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk
 Sampl.area : J26 Oslofjorden, Tissue: Liver
 Locality : 36B Færder, Latitude: 59°2.0N Longitude: 10°32.0E

Sampling date (YYMMDD) =>	951215	961130	971012	981020	991028	001027	011025	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	25.00	25.00	25.00	23.00	25.00	23.57
Age year	3.72	4.02	6.60	5.16	2.48	2.26	2.24	3.00
Count Max	25.00	25.00	25.00	25.00	25.00	23.00	25.00	
Count Min	25.00	25.00	25.00	25.00	18.00	23.00	25.00	
Dry %	45.88	53.32	37.52	49.23	52.96	52.22	46.94	48.52
Fat %	31.20	41.58	21.60	35.38	40.49	38.43	34.22	34.69
Lenght.mean mm	505.60	487.20	592.60	496.20	479.20	481.09	471.00	507.31
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	29.06	27.45	31.49	28.66	24.39	23.90	28.91	32.00
Weight g	1381.78	1159.56	1838.97	1037.74	1233.08	1058.30	1094.92	1359.74
CD ppm w.wt +..+....	0.05	0.04	0.08	0.05	0.08	0.06	0.03	0.13n
CU ppm w.wt +.....	9.18	10.35	17.92	11.53	16.76	13.19	9.37	9.37
HG ppm w.wt ?..+....								<<0.085
PB ppm w.wt +..+....	<<0.03	<<0.03	<<0.04	<<0.03	<<0.05	<<0.04	<<0.03	<<0.09
SE ppm w.wt ?.....								<<0.88
ZN ppb w.wt +.....	<<148.9	<233.0	<<213.9	<<88.3	<<147.7	<67.7	<<62.7	<142.0
ZN ppm w.wt +.....	29.8	28.3	45.3n	31.0n	34.4n	32.4n	29.1	35.6n
CB28 ppb w.wt ?..+....	<13.4n	16.3n	<4.3	<<12.4n	<10.7n	12.5n	<6.3	<<9.4
CB52 ppb w.wt ?..+....	<52.0n	71.7n	<<6.2	<32.6n	20.9n	28.7n	13.8	28.7n
CB101 ppb w.wt ?..+....	302.3n	198.8n	45.1	120.9n	53.7n	33.6	32.7	82.9n
CB105 ppb w.wt	214.7	131.7	57.1	112.8	82.7	61.0	42.8	77.9
CB118 ppb w.wt ?..+....	624.2n	309.3n	148.5n	257.0n	177.6n	133.8n	95.6	190.4n
CB138 ppb w.wt ?..+....	1057.2n	374.4n	231.6n	228.5n	204.2n	121.6	93.4	247.4n
CB153 ppb w.wt ?..+....	1363.4n	499.8n	355.6n	329.6n	344.3n	194.0	143.8	351.0n
PCB ppb w.wt +..+....								<2136n
PCB ppm w.wt +..+....								<<0
CB156 ppb w.wt	106.4	41.5	25.0	<20.2	22.7	12.8	<9.7	<<26.2
CB180 ppb w.wt ?..+....	262.9n	100.5n	78.5n	65.5n	80.9n	44.8	35.9	72.5n
CB209 ppb w.wt	<45.4	<5.5	<3.3	<<4.6	<<2.7	<<1.5	<<1.8	<<8.5
CB Σ7 ppb w.wt +..+....	<3675n	1571n	<<870n	<<1046n	<892n	569n	<421	<<979n
CB ΣΣ ppb w.wt +..+....	<4042n	<1750n	<<955	<<1182n	<<1000n	<<644	<<476	<<1082n
DDEPP ppb w.wt +..+....	129.0	170.1	164.7	64.6	114.8	54.3	49.8	<149.8
DDTTPP ppb w.wt +..+....								<<123.7
TDEPP ppb w.wt +..+....	<14.0	46.9	41.3	<<12.7	23.7	5.3	<8.1	<<19.1
DD Σ4 ppb w.wt +..+....	<143.0	217.0n	206.0n	<<77.3	138.4	59.6	<57.9	<<184.7
HCHA ppb w.wt +..+....	<<3.4	<4.6	<<2.0	<<5.9	<<2.7	<2.7	<<1.9	<<5.2
HCHG ppb w.wt +..+....	<<4.2	11.4	<5.9	<8.8	6.6	5.4	<3.1	5.4
HC Σ2 ppb w.wt +..+....	<<6.2	<16.0	<<7.9	<<13.7	<<9.3	<8.2	<<5.0	<<24.0
HCB ppb w.wt +..+....	<6.1	9.8	<6.5	<5.1	8.4	5.1	4.5	5.1
QCB ppb w.wt	<<3.0	<<2.0	<<4.9	<<3.0	<<1.3	<<0.6	<<0.8	<<4.6
OCS ppb w.wt	<<3.8	<<2.4	<<1.9	<<3.0	<3.0	<<2.2	<<1.7	<<7.5
EPOCL ppb w.wt								<<26998

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 36B Færder, Latitude: 59°2.0N Longitude: 10°32.0E

Sampling date (YYMMDD) =>	811229	821200	831201	841214	851216	870204	880105	881213	891201	901105	911201	921215	940101	941220
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	10.00	27.00	23.00	24.00	14.00	25.00	25.00	25.00	25.00	24.00	25.00	25.00	25.00	25.00
Age year	2.00	2.48	2.57	2.54		1.78	1.96	3.20	1.72	2.42	2.88	3.16	3.60	3.16
Count Max	10.00	27.00	23.00	24.00	14.00	25.00	25.00	25.00	25.00	24.00	25.00	25.00	25.00	25.00
Count Min	10.00	27.00	23.00	24.00	14.00	25.00	25.00	25.00	25.00	24.00	25.00	25.00	25.00	25.00
Dry %	19.52	20.41	18.62	20.93	20.82	19.77	20.18	21.29	35.60	19.43	20.07	19.52	20.12	19.82
Fat %	0.46	0.20					0.11							
Lenght.mean mm	511.00	532.22	510.43	506.67	555.71	491.20	432.60	525.60	481.80	510.42	501.60	504.60	532.20	534.40
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g														
Weight g	1228.00	1561.48	1579.78	1467.79	1724.50	1388.68	739.40	1470.24	1205.80	1326.75	1384.00	1378.80	1562.84	1629.52
CD ppm w.wt +.+.+.+	<<0.01													
HG ppm w.wt +.+.+.+	0.073	0.133n	<0.182n	0.144n	0.101n	0.094	0.036	0.073	<0.077	0.095	0.078	0.072	0.088	0.056
SE ppm w.wt ?.....		0.41	<<0.05											
PCB ppb w.wt +.+.+.+	13n	<<51n	<<50n	<<50n	<<50n	<34n	<<21n							
DDEPP ppb w.wt +.+.+.+			<<50.0n											
DD Σ4 ppb w.wt +.+.+.+			<<50.0n											
HCB ppb w.wt +.+.+.+			<<10.0n											
B Age year									2.40	3.00	3.20	3.60	3.00	
Count Max									5.00	5.00	5.00	5.00	5.00	5.00
Count Min									5.00	5.00	5.00	5.00	5.00	5.00
Dry %									19.46	20.06		20.12		
Fat %									0.40	0.50	0.28	0.30	0.12	
Lenght.max mm									542.00	522.00	533.00	562.00	562.00	
Lenght.mean mm									514.80	501.60	504.60	532.20	534.40	
Lenght.min mm									492.00	484.00	480.00	496.00	512.00	
No of individ.in sub-sample									4.80	5.00	5.00	5.00	5.00	5.00
Tissue weight g														
Weight g									1358.00	1384.00	1378.78	1562.84	1629.54	
HG ppb w.wt +.+.+.+									0.944	<<0.478	<<0.480	<<0.820	<<0.256	
CB28 ppb w.wt ...+....									<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB52 ppb w.wt ...+....									0.1	0.1	<<0.1	<0.1	<0.1	<0.1
CB101 ppb w.wt ...+....									0.1	0.1	0.1	0.3	0.1	
CB105 ppb w.wt+....										0.1	0.2	0.4	0.1	
CB118 ppb w.wt ...+....									0.6	0.3	0.4	0.9	0.1	
CB138 ppb w.wt ...+....									0.6	0.3	0.5	1.0	0.1	
CB153 ppb w.wt ...+....									1.0	0.4	0.7	1.4	0.2	
CB156 ppb w.wt+....										<<0.1	<<0.1	<0.1	<<0.1	
CB180 ppb w.wt ...+....									0.2	0.1	0.1	0.3	<<0.1	
CB209 ppb w.wt+....									<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	
CB Σ7 ppb w.wt +.+.+.+									<<3	<<1	<<2	<<4	<<1	
CB ΣΣ ppb w.wt +.+.+.+									<<3	<<1	<<2	<<5	<<1	
DDEPP ppb w.wt +.+.+.+									0.5	0.3	0.3	0.6	0.1	
TDEPP ppb w.wt +.+.+.+										0.1	<<0.1	<<0.1	<<0.1	
DD Σ4 ppb w.wt +.+.+.+									0.5	0.3	<<0.4	<<0.7	<<0.1	
HCHA ppb w.wt +.+.+.+									0.3	<<0.1	<<0.1	<<0.1	0.0	
HCHG ppb w.wt +.+.+.+									0.2	0.1	<0.1	0.1	0.1	
HC Σ2 ppb w.wt +.+.+.+									0.5	<<0.2	<<0.2	<<0.2	0.1	

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 36B Færder, Latitude: 59°2.0N Longitude: 10°32.0E

Sampling date (YYMMDD) =>	951215	961130	971012	981020	991028	001027	011025	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	25.00	25.00	25.00	23.00	25.00	24.06
Age year	3.72	4.02	6.60	5.16	2.48	2.26	2.24	3.00
Count Max	25.00	25.00	25.00	25.00	25.00	23.00	25.00	
Count Min	25.00	25.00	25.00	25.00	25.00	23.00	25.00	
Dry %	18.66	19.03	18.90	19.51	19.22	19.26	18.84	20.45
Fat %								0.26
Lenght.mean mm	505.60	487.20	592.60	496.20	479.20	481.09	471.00	506.83
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	54.12	53.60	55.07	38.68	36.96	52.20	56.75	49.63
Weight g	1381.78	1159.56	1838.97	1037.74	1233.08	1058.30	1094.92	1354.85
CD ppm w.wt +.+.+.+								<<0.01
HG ppm w.wt +.+.+.+	0.100n	0.069	0.128n	0.095	0.126n	0.087	0.097	0.114n
SE ppm w.wt ?.....								<<0.23
PCB ppb w.wt +.+.+.+								<<38n
DDEPP ppb w.wt +.+.+.+								<<50.0n
DD Σ4 ppb w.wt +.+.+.+								<<50.0n
HCB ppb w.wt +.+.+.+								<<10.0n
B Age year	3.80	4.02	6.60	5.16	2.48	2.30	2.24	3.48
Count Max	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
Count Min	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
Dry %	18.62							19.57
Fat %	0.30	0.28	0.30	0.38	0.37	0.23	0.35	0.32
Lenght.max mm	537.00	518.00	619.00	514.00	512.00	537.00	504.00	538.50
Lenght.mean mm	505.60	487.20	592.60	496.20	479.20	497.75	471.00	509.76
Lenght.min mm	480.00	462.00	553.00	477.00	450.00	472.50	450.00	484.04
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.98
Tissue weight g		53.60		38.70		52.34	56.75	50.35
Weight g	1381.78	1159.48	1838.92	1037.76	1233.06	1123.10	1094.92	1348.51
HG ppb w.wt +.+.+.+	<<1.322	<<0.814	<<1.056	<<0.502	<<0.484	<<0.330	<<0.282	<<1.322
CB28 ppb w.wt ...+....	0.1	<0.1	0.0	<0.1	<<0.1	0.1	<<0.1	0.1
CB52 ppb w.wt ...+....	0.2	0.3	<<0.0	0.2	0.1	0.1	0.1	0.1
CB101 ppb w.wt ...+....	1.0	0.7	0.3	0.7	0.2	0.2	0.2	0.3
CB105 ppb w.wt ...+....	1.2	0.6	0.4	0.7	0.3	0.3	0.3	0.4
CB118 ppb w.wt ...+....	3.0	1.2	1.0	1.5	0.6	0.5	0.5	0.9
CB138 ppb w.wt ...+....	4.6	1.3	1.4	1.3	0.7	0.5	0.5	1.1
CB153 ppb w.wt ...+....	5.5	1.6	2.1	1.8	1.2	0.8	0.7	1.4
CB156 ppb w.wt ...+....	0.5	<0.2	0.2	0.1	0.1	<0.0	<<0.1	<<0.1
CB180 ppb w.wt ...+....	1.1	0.3	0.4	0.4	0.2	0.1	<0.1	<0.3
CB209 ppb w.wt ...+....	0.8	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.1	<<0.1
CB Σ7 ppb w.wt +.+.+.+	15n	<5n	<<5n	<6n	<<3	2	<<2	<<4
CB ΣΣ ppb w.wt +.+.+.+	18n	<<6	<<6	<<7	<<3	<<3	<<2	<<5
DDEPP ppb w.wt +.+.+.+	1.0	0.6	0.9	0.3	0.3	0.3	0.2	0.4
TDEPP ppb w.wt +.+.+.+	0.1	0.1	0.1	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
DD Σ4 ppb w.wt +.+.+.+	1.1n	0.7	1.0	<<0.4	<<0.4	<<0.3	<<0.3	<<0.5
HCHA ppb w.wt +.+.+.+	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.0	<<0.1	0.3
HCHG ppb w.wt +.+.+.+	0.2	0.1	0.1	0.1	<<0.1	0.0	<<0.1	0.1
HC Σ2 ppb w.wt +.+.+.+	<<0.2	<<0.1	<<0.1	<<0.2	<<0.1	<<0.1	<<0.1	<<0.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 36B Færder, Latitude: 59°2.0N Longitude: 10°32.0E

Sampling date (YYMMDD) =>			811229	821200	831201	841214	851216	870204	880105	881213	891201	901105	911201	921215	940101	941220
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
H	HC	ppb w.wt +..+....										0.1	0.1	<0.1	0.1	0.0
	QC	ppb w.wt										<<0.1	<<0.1	<<0.1	<<0.1	<<0.0
	OC	ppb w.wt										<0.1	<<0.1	<<0.1	<<0.1	<<0.0
	Age	year								3.00	2.00					
	Count	Max								1.00	1.00					
	Count	Min								1.00	1.00					
	Dry	%								21.30	33.52					
	Fat	%								0.30	0.18					
	Lenght	.max mm								720.00	700.00					
	Lenght	.mean mm								526.00	482.00					
	Lenght	.min mm								360.00	355.00					
	No of individ.	in sub-sample								25.00	25.00					
	Weight	g								1470.00	1206.00					
	PCB	ppb w.wt +..+....								20n	50n					

Sampling date (YYMMDD) =>			951215	961130	971012	981020	991028	001027	011025	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
H	HC	ppb w.wt +..+....	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1
	QC	ppb w.wt	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
	OC	ppb w.wt	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
	Age	year								2.50
	Count	Max								
	Count	Min								
	Dry	%								27.41
	Fat	%								0.24
	Lenght	.max mm								710.00
	Lenght	.mean mm								504.00
	Lenght	.min mm								357.50
	No of individ.	in sub-sample								25.00
	Weight	g								1338.00
	PCB	ppb w.wt +..+....								35n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 77B Borøy area, Latitude: 58°33.0N Longitude: 9°1.0E

Sampling date (YYMMDD) =>	901104	911001	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
I no in sample	14.00	25.00	19.50
Age year	2.64	2.68	2.66
Count Max	14.00	24.00	
Count Min	3.00	20.00	
Dry %	47.30	54.74	51.02
Fat %	33.58	35.86	34.72
Lenght.mean mm	557.86	493.20	525.53
No of individ.in sub-sample	1.00	1.00	1.00
Tissue weight g	38.57	34.70	36.64
Weight g	1753.21	1218.60	1485.91
Weight ppb w.wt	92.86		92.86
CD ppm w.wt +.+.....	0.04	<0.02	<<0.03
CU ppm w.wt +.....	16.90	10.52	13.71
PB ppm w.wt +.+.....	0.13n	0.23n	0.18m
ZN ppb w.wt +.....		<<123.9	<123.9
ZN ppm w.wt +.....	34.4n	26.1	30.2m
CB28 ppb w.wt ?..+.....	5.7	<<10.7n	<<8.2
CB52 ppb w.wt ?..+.....	3.4	<11.8	<<7.6
CB101 ppb w.wt ?..+.....	12.9	<25.1	<<19.0
CB105 ppb w.wt		31.7	31.7
CB118 ppb w.wt ?..+.....	46.6	79.1	62.9
CB138 ppb w.wt ?..+.....	74.0	109.6	91.8
CB153 ppb w.wt ?..+.....	150.9	179.7	165.3
CB156 ppb w.wt		<12.2	<<12.2
CB180 ppb w.wt ?..+.....	45.3	32.8	39.0
CB209 ppb w.wt	41.9	<25.2	<<33.5
CB Σ7 ppb w.wt +.+.....	339	<<447	<<393
CB ΣΣ ppb w.wt +.+.....	381	<<516	<<448
DDEPP ppb w.wt +.+.....	55.9	79.1	67.5
TDEPP ppb w.wt +.+.....		<33.8	<<33.8
DD Σ4 ppb w.wt +.+.....	55.9	<113.0	<<84.4
HCHA ppb w.wt +.+.....	13.4	<<5.0	<<9.2
HCHG ppb w.wt +.+.....	23.6	<<7.8	<<15.7
HC Σ2 ppb w.wt +.+.....	37.0	<<11.2	<<24.1
HCB ppb w.wt +.+.....	8.8	<10.0	<<9.4
QCB ppb w.wt	<<1.7	<<5.0	<<3.4
OCS ppb w.wt	<13.9	<<13.5	<<13.7
EPOCL ppb w.wt	12300	<3374	<<7837

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 77B Borøy area, Latitude: 58°33.0N Longitude: 9°1.0E

Sampling date (YYMMDD) =>		901104	911001	Mean
Sample Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean
I	no in sample	14.00	25.00	19.50
	Age year	2.64	2.68	2.66
	Count Max	14.00	25.00	
	Count Min	14.00	25.00	
	Dry %	19.70	19.13	19.42
	Lenght.mean mm	557.86	493.20	525.53
	No of individ.in sub-sample	1.00	1.00	1.00
	Weight g	1753.21	1218.60	1485.91
	HG ppm w.wt +..+..+	0.130n	<0.079	<<0.105n
B	Age year	2.67	2.80	2.73
	Count Max	3.00	5.00	
	Count Min	3.00	5.00	
	Dry %	21.57	19.18	20.37
	Fat %	0.30	0.53	0.42
	Lenght.max mm	610.00	516.00	563.00
	Lenght.mean mm	557.33	493.20	525.27
	Lenght.min mm	526.67	472.00	499.33
	No of individ.in sub-sample	4.67	5.00	4.83
	Weight g	1745.33	1218.40	1481.87
	HG ppb w.wt +..+..+	0.547	<<1.160	<<0.956
	ZN ppb w.wt +.....	0.5		0.5
	CB28 ppb w.wt ...+....	<<0.1	<0.1	<<0.1
	CB52 ppb w.wt ...+....	<<0.1	<0.1	<<0.1
	CB101 ppb w.wt ...+....	<<0.1	0.2	<<0.1
	CB105 ppb w.wt		0.2	0.2
	CB118 ppb w.wt ...+....	<<0.1	0.6	<<0.4
	CB138 ppb w.wt ...+....	0.3	0.9	0.6
	CB153 ppb w.wt ...+....	0.5	1.6	1.1
	CB156 ppb w.wt		<<0.1	<<0.1
	CB180 ppb w.wt ...+....	0.1	0.3	0.2
	CB209 ppb w.wt	0.2	0.4	0.3
	CB Σ7 ppb w.wt ...+....	<<1	<<4	<<2
	CB ΣΣ ppb w.wt ...+....	<<1	<<5	<<3
	DDEPP ppb w.wt ...+....	0.2	0.9	0.5
	TDEPP ppb w.wt ...+....		0.1	0.1
	DD Σ4 ppb w.wt ...+....	0.2	1.0	0.6
	HCHA ppb w.wt ...+....	0.3	<<0.1	<<0.2
	HCHG ppb w.wt ...+....	0.1	<0.1	<<0.1
	HC Σ2 ppb w.wt ...+....	0.4	<<0.2	<<0.3
	HCB ppb w.wt ...+....	0.1	0.1	0.1
	QCB ppb w.wt	<<0.1	<<0.1	<<0.1
	OCS ppb w.wt	0.1	0.2	0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 15B Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>	901103	911025	921215	931201	941200	951201	970120	971006	981007	991021	010105	011016	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	24.00	23.00	25.00	23.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	24.50
Age year	2.76	2.46	3.04	2.52	3.57	3.58	4.08	5.56	5.16	1.76	1.72	2.44	3.20
Count Max	25.00	24.00	23.00	25.00	23.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	
Count Min	4.00	22.00	23.00	24.00	22.00	24.00	25.00	25.00	24.00	25.00	25.00	25.00	
Dry %	53.36	63.63	52.39	60.33	61.13	58.91	52.44	59.50	52.47	63.78	46.84	52.74	56.91
Fat %	40.82	59.08	38.50	49.11	51.08	48.08	38.31	47.64	39.56	42.47	32.75	39.44	44.57
Lenght.mean mm	526.80	517.08	513.48	442.80	522.09	487.08	544.00	606.16	560.16	465.20	458.40	497.88	505.07
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	47.15	70.29	44.73	36.19	86.92	48.48	60.94	75.47	52.47	35.64	24.71	29.43	49.79
Weight g	1532.24	1584.92	1673.49	1072.18	1671.21	1413.08	1645.68	2185.72	1604.65	1089.80	1075.34	1168.96	1443.04
Weight ppb w.wt	<104.52												<<104.52
CD ppm w.wt +.+.	0.03	<<0.01	0.04	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.04	0.03	0.04
CU ppm w.wt +.+.	12.00	3.30	7.19	3.85	6.53	5.38	9.84	7.83	9.13	4.45	5.77	10.31	7.01
PB ppm w.wt +.+.	0.17n	<0.07	<<0.03	<<0.03	<<0.03	<<0.02	<<0.04	<<0.04	<<0.03	<<0.05	<<0.04	<<0.03	<<0.07
ZN ppb w.wt +.+.	281.9	<<77.0	<<77.0	<<96.9	<<144.4	<<54.3	<129.3	<206.4	<<106.8	<<115.1	<<75.3	79.7	79.7
ZN ppm w.wt +.+.	31.6n	17.1	23.4	19.6	18.0	21.7	26.0	27.8	32.3n	33.1n	28.6	34.2n	34.2n
CB28 ppb w.wt ?..+.	<5.8	15.8n	<<5.0	<<4.3	<6.5	<<4.2	<3.8	4.8	<<6.0	<4.0	<2.5	5.6	4.8
CB52 ppb w.wt ?..+.	<4.5	<12.0	<9.2	<9.3	<14.0	<10.8	7.5	<6.9	<<8.0	8.2	<4.8	10.4	10.4
CB101 ppb w.wt ?..+.	16.8	46.3	<24.7	26.4	40.8	31.0	28.4	41.7	28.2	39.5	13.7	27.7	<30.2
CB105 ppb w.wt			<14.7	<10.0	16.1	13.3	16.6	21.2	13.8	11.1	8.1	33.0	<15.1
CB118 ppb w.wt ?..+.	35.0	57.4	43.7	28.4	54.3	38.0	42.7	51.8	40.3	32.0	23.0	66.0	41.3
CB138 ppb w.wt ?..+.	52.1	108.2	72.0	47.1	101.7	80.1	74.8	116.6	80.4	69.9	50.0	100.1	77.2
CB153 ppb w.wt ?..+.	73.2	128.8	112.5	67.2	143.3	118.5	117.2	152.2	126.6	97.5	77.2	181.1	112.9
CB156 ppb w.wt			<<7.2	<5.8	<9.2	<7.5	10.0	11.9	<<7.0	4.3	<4.4	13.4	<<7.8
CB180 ppb w.wt ?..+.	27.6	40.0	26.2	14.4	34.6	24.4	28.2	33.4	23.3	17.9	17.1	60.3n	27.6
CB209 ppb w.wt	<5.6	<<5.1	<<5.0	<<4.0	<<5.0	<<3.1	<<2.2	<<2.3	<<5.8	<<2.1	<<2.3	<3.9	<<3.8
CB Σ7 ppb w.wt +.+.	<<215	<409	<<292	<<197	<395	<<307	<303	<407	<<310	<269	<188	451	<<303
CB ΣΣ ppb w.wt +.+.	<<220	<<414	<<312	<<215	<<425	<<330	<<331	<<443	<<326	<<286	<<202	<502	<<325
DDEPP ppb w.wt +.+.	79.0	149.3	60.4	62.3	110.1	42.0	87.1	153.6	78.1	88.2	59.2	63.6	81.2
TDEPP ppb w.wt +.+.		69.0	<<6.5	18.9	<20.7	<<3.9	27.7	36.1	<16.2	19.7	11.3	11.7	<<20.3
DD Σ4 ppb w.wt +.+.	79.0	218.3n	<<66.9	82.2	<130.8	<<45.9	114.8	189.7	<94.3	107.8	70.5	75.3	<<100.3
HCHA ppb w.wt +.+.	11.0	27.3	<<5.4	<6.3	<<4.1	<3.6	<3.4	<6.8	<<5.9	<1.8	<<1.7	1.6	1.6
HCHG ppb w.wt +.+.	<14.5	36.3	<7.7	<8.9	<9.4	<5.5	11.1	9.9	<8.0	5.4	<3.3	2.8	2.8
HC Σ2 ppb w.wt +.+.	<25.5	63.6n	<<12.3	<14.8	<<13.2	<8.9	<14.5	<16.6	<<13.0	<7.3	<<4.8	4.4	<<15.9
HCB ppb w.wt +.+.	<6.4	20.7n	<10.0	<13.1	<15.3	<8.9	11.5	13.3	10.8	11.1	7.0	6.5	7.0
QCB ppb w.wt	<<2.7	<18.3	<<5.0	<<4.3	<<3.2	<<3.0	<<2.0	<<1.8	<<3.0	<<1.0	<<0.8	0.9	0.9
OCS ppb w.wt	<<4.2	31.3	<<5.1	<<4.3	<<6.1	<<3.0	<<2.0	<<1.9	<<3.0	<1.4	<<1.7	<1.5	<<6.2
EPOCL ppb w.wt	15390												15390

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 15B Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>	901103	911025	921215	931201	941200	951201	970120	971006	981007	991021	010105	011016	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	24.00	23.00	25.00	23.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	24.50
Age year	2.76	2.46	3.04	2.52	3.57	3.58	4.08	5.56	5.16	1.76	1.72	2.44	3.22
Count Max	25.00	24.00	23.00	25.00	23.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	
Count Min	25.00	24.00	23.00	25.00	23.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	
Dry %	20.34	20.07	19.25	19.67	20.54	20.10	19.68	19.77	19.84	18.75	19.28	19.50	19.73
Lenght.mean mm	526.80	517.08	513.48	442.80	522.09	487.08	544.00	606.16	560.16	465.20	458.40	497.88	511.76
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g							55.76		56.03	39.11	53.22	50.54	50.93
Weight g	1532.24	1584.92	1673.49	1072.18	1671.21	1413.08	1645.68	2185.72	1604.65	1089.80	1075.34	1168.96	1476.44
B HG ppm w.wt +.+.+.+	0.102n	<0.066	0.045	0.035	0.068	0.050	0.074	0.106n	0.074	0.031	0.053	0.074	0.082
Age year	2.60	2.60	3.00	2.60	3.80	3.40	4.08	5.68	5.16	1.76	1.72	2.44	3.24
Count Max	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Count Min	5.00	5.00	2.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Dry %	20.32	20.08		19.68		20.10							20.04
Fat %	0.28	0.42	0.33	0.43	0.11	0.32	0.37	0.32	0.27	0.29	0.32	0.33	0.32
Lenght.max mm	548.00	546.00	550.00	491.00	555.60	508.00	563.00	627.40	614.80	500.00	476.20	514.80	541.23
Lenght.mean mm	526.80	515.60	522.50	442.80	514.06	490.80	544.00	606.20	560.00	465.20	458.40	497.88	512.02
Lenght.min mm	502.00	484.00	507.50	408.00	480.00	472.00	519.00	591.00	511.80	440.00	441.00	467.00	485.28
No of individ.in sub-sample	5.00	4.80	5.75	5.00	4.60	4.80	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Tissue weight g							55.76		56.14		53.22	50.54	53.92
Weight g	1532.20	1568.20	1770.35	1072.18	1583.96	1444.44	1646.04	2185.72	1604.64	1089.72	1075.30	1168.96	1478.48
B HG ppb w.wt +.+.+.+	0.846	<<0.650	<<0.750	s<<0.480	<<0.244	<<0.432	0.606	<<0.845	<<0.436	<<0.422	<<0.494	<<0.270	<<0.598
ZN ppb w.wt +.+.+.+.+	0.8												0.8
CB28 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	0.2	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1
CB52 ppb w.wt +.+.+.+.+	<<0.1	<0.1	<<0.1	<<0.1	<<0.0	0.1	0.1	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1
CB101 ppb w.wt +.+.+.+.+	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1
CB105 ppb w.wt +.+.+.+.+		<0.1	0.1	<<0.1	<<0.0	0.1	0.1	0.1	0.1	<<0.1	0.1	0.1	<<0.1
CB118 ppb w.wt +.+.+.+.+	<0.2	0.2	0.3	0.1	0.1	0.2	0.2	0.2	0.3	0.1	0.2	0.3	<0.2
CB138 ppb w.wt +.+.+.+.+	0.4	0.4	0.3	0.1	0.1	0.3	0.3	0.5	0.5	0.2	0.4	0.4	0.3
CB153 ppb w.wt +.+.+.+.+	0.7	0.5	0.6	0.2	0.2	0.4	0.5	0.6	0.7	0.3	0.6	0.6	0.5
CB156 ppb w.wt +.+.+.+.+		<<0.1	<<0.1	<<0.1	<<0.0	0.0	0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB180 ppb w.wt +.+.+.+.+	0.2	0.1	0.1	<<0.1	<<0.0	0.1	0.1	0.1	<0.1	<<0.1	0.1	0.2	<<0.1
CB209 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1
CB Σ7 ppb w.wt +.+.+.+.+	<<2	<<1	<<1	<<1	<<0	<<1	<<1	<<2	<<2	<<1	<<1	<<2	<<1
CB ΣΣ ppb w.wt +.+.+.+.+	<<2	<<1	<<2	<<1	<<0	<<1	<<1	<<2	<<2	<<1	<<1	<<2	<<1
DDEPP ppb w.wt +.+.+.+.+	0.6	0.4	0.4	0.2	0.1	0.3	0.4	0.6	<0.3	0.4	0.4	0.2	<0.4
TDEPP ppb w.wt +.+.+.+.+		0.1	0.2	<<0.1	0.0	0.1	0.1	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
DD Σ4 ppb w.wt +.+.+.+.+	0.6	0.5	0.6	<<0.3	0.2	0.3	0.5	0.7	<<0.3	<<0.4	<<0.5	<<0.3	<<0.4
HCHA ppb w.wt +.+.+.+.+	0.2	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1	0.2
HCHG ppb w.wt +.+.+.+.+	0.1	0.1	0.1	s0.1	<0.0	0.1	0.1	0.1	<<0.1	<<0.1	<<0.1	<<0.1	0.1
HC Σ2 ppb w.wt +.+.+.+.+	0.3	<<0.1	<<0.2	s<<0.2	<<0.1	<<0.1	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HCB ppb w.wt +.+.+.+.+	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
QCB ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
OCS ppb w.wt +.+.+.+.+	<<0.2	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.1	<<0.0	<<0.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	870222	881117	891125	901014	911101	921215	931001	941000	951015	960807	960814	961201	961202	970930
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	12.00	25.00	12.00	25.00	25.00	22.00	25.00	25.00	25.00	15.00	15.00	10.00	10.00	15.00
Age year			1.73	2.32	3.32	3.33	2.72	3.76	4.04	3.93	4.10	6.10	6.30	4.87
Count Max	12.00	12.00	25.00	25.00	25.00	22.00	25.00	25.00	25.00	15.00	15.00	10.00	10.00	15.00
Count Min	12.00	11.00	24.00	20.00	21.00	25.00	24.00	24.00	24.00	5.00	5.00	9.00	10.00	2.00
Dry %			64.25	57.34	57.45	54.05	56.10	51.42	62.04	35.33	41.57	66.51	62.06	42.64
Fat %	32.23	52.55	49.77	48.46	37.70	43.11	41.61	51.28	22.44	25.77	58.46			40.87
Lenght.mean mm		447.92	390.80	464.40	530.91	476.80	528.00	517.60	363.33	417.00	577.00	623.50		414.00
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g		30.75	28.03	33.60	43.45	55.98	52.25	82.48	11.95	14.87	78.55	88.91	12.98	
Weight g	829.50	1033.83	730.68	992.28	1552.80	1354.68	1790.72	1724.38	473.07	690.17	1971.70	2433.30	628.59	
CD ppm w.wt +.+.+.+.+	1.00n	0.12n	<0.08	0.24n	0.31n	<0.16n	s<0.02	0.02	0.51n	0.39n	0.08	0.07	0.56n	
CU ppm w.wt +.+.+.+.+	13.00	7.58	2.52	4.07	7.40	7.51	s6.42	5.94	7.41	8.91	6.93	8.43	13.10	
PB ppm w.wt +.+.+.+.+	1.24n	0.23n	<0.21n	0.30n	<0.17n	<<0.10	s<<0.03	<<0.02	<0.09	<0.18n	<<0.08	<<0.12n	<<0.10n	
ZN ppb w.wt +.+.+.+.+		<743.8	<1470.0	<<1162.0	<<368.6	s<<156.4	<79.6	<<784.6	<642.5	<1703.3			1531.7	
ZN ppm w.wt +.+.+.+.+	39.6n	28.1	12.0	26.6	33.6n	22.0	s20.2	18.2	36.2n	34.3n	23.7	26.3	45.0n	
CB28 ppb w.wt ?..+.+.+.+		s530.0n	3.7	<<5.5	<<5.0	<<5.0	s<<3.4	<<4.2	<<6.5	<17.7n	<3.7		4.6	
CB52 ppb w.wt ?..+.+.+.+		s317.3n	22.2n	<9.8	46.2n	<<7.3	s<6.6	<6.9	13.8	175.1n	15.7		21.3n	
CB101 ppb w.wt ?..+.+.+.+		s2385.5n	166.7n	52.5n	265.7n	27.0	s22.4	17.1	76.8n	856.9n	80.5n		119.0n	
CB105 ppb w.wt +.+.+.+.+				231.2	<13.8	s10.5	7.2	65.5	420.7	32.2			62.9	
CB118 ppb w.wt ?..+.+.+.+		s1969.1n	482.6n	82.2	624.5n	37.4	s32.2	21.5	160.8n	1058.7n	79.7		156.1n	
CB138 ppb w.wt ?..+.+.+.+		s4955.5n	452.9n	204.2n	858.2n	89.8	s59.9	44.1	253.9n	1254.8n	169.0n		365.4n	
CB153 ppb w.wt ?..+.+.+.+		s4493.6n	623.7n	308.6n	970.5n	131.0	s104.9	69.5	311.3n	1210.6n	233.5n		467.0n	
PCB ppb w.wt +.+.+.+.+		20902n												
CB156 ppb w.wt +.+.+.+.+				99.7	<11.1	s8.2	5.5	35.4	166.9	25.0			49.1	
CB180 ppb w.wt ?..+.+.+.+		s591.8n	141.1n	89.5n	250.0n	49.1	s46.2	24.9	94.6n	271.1n	85.3n		193.1n	
CB209 ppb w.wt +.+.+.+.+			<3.0	<<4.5	<<5.0	<<4.0	s<<3.0	<<3.0	<<2.0	<<3.0	<<2.5		<<2.0	
CB Σ7 ppb w.wt +.+.+.+.+			s15243n	1893n	<<752n	<<3020n	<<345	s<<275	<<188	<<918n	<4845n	<651n		1327n
CB ΣΣ ppb w.wt +.+.+.+.+			s15243n	<1896n	<<752	<<3351n	<<369	s<<296	<<201	<<1020n	<<5435n	<<710		<<1441n
DDEPP ppb w.wt +.+.+.+.+		3980.0n	711.6n	1106.2n	1078.6n	312.4n	s129.0	63.4	430.3n	412.6n	1060.7n		1216.6n	
DDTTPP ppb w.wt +.+.+.+.+		<<948.2n							263.3n	180.0	446.3n		326.5n	
TDEPP ppb w.wt +.+.+.+.+				345.9n	79.0	<46.9	s18.2	<6.1	179.0	136.8	183.4		210.7n	
DD Σ4 ppb w.wt +.+.+.+.+		<<4928.2n	711.6n	1452.1n	1154.0n	<359.3n	s147.2	<69.4	775.3n	631.6n	1690.4n		1520.6n	
HCHA ppb w.wt +.+.+.+.+			20.0	<<5.2	<<4.6	s<<3.9	<4.1	<<2.9	<<2.6	<5.3			4.1	
HCHG ppb w.wt +.+.+.+.+			81.8n	<13.0	<7.6	<<6.9	<5.5	s<5.6	<6.5	<7.3	7.6		7.0	
HC Σ2 ppb w.wt +.+.+.+.+			81.8n	<32.2	<17.9	<<8.0	<<9.4	s<<9.2	<10.3	<<8.8	<<9.7	<12.9	11.1	
HCB ppb w.wt +.+.+.+.+		<35.5n	11.1	11.1	<18.0	<7.7	s<8.4	<5.8	<<7.5	<<5.5	14.4		12.1	
QCB ppb w.wt +.+.+.+.+			8.0	<<6.2	<<11.5	<<4.1	s<<3.0	<<3.0	<<3.3	<<3.8	15.0		<<6.7	
OCS ppb w.wt +.+.+.+.+			<<2.2	<<4.5	<<5.0	<<4.0	s<<3.0	<<3.0	<<2.0	<<2.0	<<2.1		<<2.0	
EPOCL ppb w.wt +.+.+.+.+			18465	240112	29824									
H Age year		3.00												
Count Max	1.00	1.00												
Count Min	1.00	1.00												
Dry %	23.10	72.50												
Fat %	39.19	64.50												
Lenght.max mm		520.00												
Lenght.mean mm		401.00												
Lenght.min mm		275.00												

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	971004	981024	981025	991002	001010	011009	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	15.00	15.00	15.00	25.00	25.00	25.00	19.00
Age year	5.33	5.00	5.20	4.36	2.40	3.20	4.00
Count Max	15.00	15.00	15.00	25.00	25.00	25.00	
Count Min	5.00	2.00	5.00	5.00	5.00	5.00	
Dry %	55.63	55.24	48.96	43.12	51.59	41.03	52.57
Fat %	45.36	44.65	34.46	27.99	35.51	24.09	39.79
Lenght.mean mm	439.00	478.00	473.33	408.00	436.40	451.60	468.76
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	23.76	25.44	25.35	10.95	17.41	19.26	36.44
Weight g	802.26	999.13	1212.20	633.08	771.02	1014.70	1138.85
CD ppm w.wt +.+.	0.15n	0.24n	0.33n	0.72n	1.28n	1.23n	1.28n
CU ppm w.wt +.	8.15	16.50	19.81	13.33	10.44	14.59	9.02
PB ppm w.wt +.+.	<0.10n	0.15n	<0.10n	<0.10n	<0.20n	<0.20n	<<0.56n
ZN ppb w.wt +.	<1206.4	884.1	<<755.7	<247.9	<<481.4	<<316.5	<781.9
ZN ppm w.wt +.	25.7	32.2n	37.3n	30.6n	47.0n	35.6n	47.0n
CB28 ppb w.wt ?..+.	<2.9	4.4	<<10.0	<6.4	10.3n	<2.3	10.3n
CB52 ppb w.wt ?..+.	<6.4	<308.9n	<<124.2n	19.1	109.3n	23.1n	23.1n
CB101 ppb w.wt ?..+.	51.4n	2348.9n	758.6n	115.1n	731.6n	136.3n	386.9n
CB105 ppb w.wt	49.4	1591.5	493.1	59.1	629.3	92.3	<288.3
CB118 ppb w.wt ?..+.	117.9n	608.2n	738.9n	129.9n	1499.2n	236.6n	402.3n
CB138 ppb w.wt ?..+.	205.1n	3888.5n	1606.2n	194.8n	2208.4n	351.3n	809.8n
CB153 ppb w.wt ?..+.	269.4n	3578.1n	1625.5n	285.3n	2429.1n	436.2n	863.3n
PCB ppb w.wt +.+.							20902n
CB156 ppb w.wt	31.5	576.5	<179.8	42.0	291.5	37.7	<119.4
CB180 ppb w.wt ?..+.	91.6n	624.0n	216.1n	112.3n	399.3n	102.9n	183.0n
CB209 ppb w.wt	<<2.0	<<1.2	<<10.0	<<1.5	<<2.0	<<1.2	<<3.1
CB Σ7 ppb w.wt +.+.	<744n	<11361n	<<5074n	<733n	7387n	<1289n	<<2702n
CB ΣΣ ppb w.wt +.+.	<<827	<<13530n	<<5745n	<<786	<<8310n	<<1420n	<<3053n
DDEPP ppb w.wt +.+.	849.1n	678.6n	574.6n	190.4	377.0n	268.0n	831.9n
DDTTPP ppb w.wt +.+.	342.0n	514.0n	<<220.0n	404.0n	137.8	84.7	<351.5n
TDEPP ppb w.wt +.+.	220.5n	196.2	87.2	100.3	63.1	29.1	<134.6
DD Σ4 ppb w.wt +.+.	1191.7n	864.9n	<746.4n	241.4n	476.4n	314.1n	<1070.5n
HCHA ppb w.wt +.+.	<5.4	10.1	<<10.1	<1.7	<<2.3	<<1.1	<<7.4
HCHG ppb w.wt +.+.	<9.4	9.1	<<10.0	3.7	<<2.9	<<1.5	<<7.7
HC Σ2 ppb w.wt +.+.	<14.6	19.3	<<10.8	<5.4	<<5.0	<<2.5	<<16.2
HCB ppb w.wt +.+.	<6.7	5.7	<<5.5	5.8	10.5	2.9	2.9
QCB ppb w.wt	<6.9	<<2.0	<<5.4	<1.3	<2.3	2.6	2.6
OCS ppb w.wt	<<2.0	<<1.0	<<5.0	<<1.3	<<2.6	<<0.8	<<3.5
EPOCL ppb w.wt							96134
H Age year							3.00
Count Max							
Count Min							
Dry %							56.03
Fat %							56.06
Lenght.max mm							520.00
Lenght.mean mm							401.00
Lenght.min mm							275.00

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	870222	881117	891125	901014	911101	921215	931001	941000	951015	960807	960814	961201	961202	970930
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
No of individ.in sub-sample	12.00	25.00												
Weight g	830.00	724.00												
CD ppm w.wt +..+....		0.06												
CU ppm w.wt +.....		7.11												
PB ppm w.wt +..+....		0.17n												
ZN ppm w.wt +.....		26.8												
PCB ppb w.wt +..+....	370	6240n												
DDEPP ppb w.wt +..+....		820.0n												
DDTTP ppb w.wt +..+....		470.0n												
DD Σ4 ppb w.wt +..+....		1290.0n												
HCHG ppb w.wt +..+....		<<40.0												
HC Σ2 ppb w.wt +..+....		<<40.0												
HCB ppb w.wt +..+....		<<40.0n												
EPOCL ppb w.wt		3050												
PAH ppb w.wt	33.0													

Sampling date (YYMMDD) =>	971004	981024	981025	991002	001010	011009	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean
No of individ.in sub-sample							20.67
Weight g							759.33
CD ppm w.wt +..+....							0.06
CU ppm w.wt +.....							7.11
PB ppm w.wt +..+....							0.17n
ZN ppm w.wt +.....							<<14.1
PCB ppb w.wt +..+....							3305n
DDEPP ppb w.wt +..+....							820.0n
DDTTP ppb w.wt +..+....							470.0n
DD Σ4 ppb w.wt +..+....							1290.0n
HCHG ppb w.wt +..+....							<<40.0
HC Σ2 ppb w.wt +..+....							<<40.0
HCB ppb w.wt +..+....							<<40.0n
EPOCL ppb w.wt							3050
PAH ppb w.wt							33.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	870222	881117	891125	901014	911101	921215	931001	941000	951015	960807	960814	961201	961202	970930
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	12.00	25.00	12.00	25.00	25.00	22.00	25.00	25.00	25.00	15.00	15.00	10.00	10.00	15.00
I Age year			1.73	2.32	3.32	3.33	2.72	3.76	4.04	3.93	4.10	6.10	6.30	4.87
I Count Max	12.00	12.00	25.00	25.00	25.00	22.00	25.00	25.00	25.00	15.00	15.00	10.00	10.00	15.00
I Count Min	12.00	12.00	25.00	25.00	25.00	22.00	25.00	25.00	25.00	15.00	15.00	10.00	10.00	15.00
I Dry %	21.70		20.81	20.32	19.84	19.46	20.06	26.37	20.32	19.17	20.01	21.24	20.89	16.78
I Fat %	1.54													
I Lenght.mean mm			447.92	390.80	464.40	530.91	476.80	528.00	517.60	363.33	417.00	577.00	623.50	414.00
I No of individ.in sub-sample	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
I Tissue weight g										52.09	53.80	53.04	55.82	
I Weight g	829.50		1033.83	730.68	992.28	1552.80	1354.68	1790.72	1724.38	473.07	690.17	1971.70	2433.30	628.59
I HG ppm w.wt +.+.+.+	0.255n		0.234n	0.196n	0.238n	0.399n	0.171n	s0.087	0.094	0.231n	0.253n	0.285n	0.394n	0.256n
B Age year			1.67	2.20	3.40	3.50	2.60	3.80	3.80	3.93	4.17			4.87
B Count Max			3.00	5.00	5.00	4.00	5.00	5.00	5.00	3.00	3.00			3.00
B Count Min			3.00	5.00	5.00	4.00	5.00	5.00	5.00	2.00	3.00			3.00
B Dry %			22.56	20.32	19.82		21.06		20.34					
B Fat %			0.33	0.46	0.40	0.33	0.35	0.13	0.31	0.40	0.37			0.30
B Lenght.max mm			473.33	408.00	480.00	577.50	514.00	574.00	546.00	413.33	460.00			440.00
B Lenght.mean mm			448.33	390.80	464.40	542.00	476.80	528.00	517.60	363.33	397.67			414.00
B Lenght.min mm			425.00	380.00	450.00	520.00	438.00	486.00	478.00	330.00	363.33			385.00
B No of individ.in sub-sample			4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Tissue weight g										52.09	53.80			
B Weight g			1034.33	732.08	992.60	1648.28	1354.60	1790.74	1724.40	473.07	690.17			628.57
B HG ppb w.wt +.+.+.+				3.162	<<3.466	<<12.450	<<2.740	s<<0.476	<<0.212	<<4.530	<<3.815			<<5.803
B CB28 ppb w.wt +.+.+.+				<<0.1	<<0.0	<<0.1	<<0.1	s<<0.0	<<0.0	0.1	0.1			<<0.1
B CB52 ppb w.wt +.+.+.+				<0.2	<<0.0	<<0.1	<<0.1	s<<0.0	<0.0	0.2	1.1			<<0.1
B CB101 ppb w.wt +.+.+.+				1.1	0.2		1.3	0.2	s0.1	0.1	1.4			0.4
B CB105 ppb w.wt +.+.+.+							2.2	<0.1	s<<0.0	<<0.0	1.5			0.8
B CB118 ppb w.wt +.+.+.+				2.5	0.3	5.1	0.2	s0.1	0.1	3.3	11.1			1.6
B CB138 ppb w.wt +.+.+.+				3.2	0.7	7.1	0.5	s0.1	0.1	5.6	13.2			3.2
B CB153 ppb w.wt +.+.+.+				3.4	0.9	7.7	0.7	s0.2	0.2	6.2	10.7			3.8
B PCB ppb w.wt +.+.+.+			<<27n											
B CB156 ppb w.wt +.+.+.+					0.9	<<0.1	s<<0.0	<<0.0	0.7	1.8				0.5
B CB180 ppb w.wt +.+.+.+			0.4	0.3	1.6	0.2	s<0.1	0.1	1.7	2.5				1.0
B CB209 ppb w.wt +.+.+.+			<<0.1	<<0.0	<<0.1	<<0.1	s<<0.0	<<0.0	<<0.0	<<0.0	<<0.0			<<0.1
B CB Σ7 ppb w.wt +.+.+.+			<<11n	<<2	<<23n	<<2	s<<1	<<1	19n	45n				<<10n
B CB ΣΣ ppb w.wt +.+.+.+			<<11n	<<2	<<26n	<<2	s<<1	<<1	<<21n	<<52n				<<11n
B DDEPP ppb w.wt +.+.+.+			2.5n	3.1n	11.4n	2.2n	s0.4	0.1	5.1n	3.4n				5.1n
B TDEPP ppb w.wt +.+.+.+				0.3	1.0	0.4	s<<0.0	<<0.0	0.6	0.5				0.6
B DD Σ4 ppb w.wt +.+.+.+			2.5n	3.4n	12.4n	2.6n	s<<0.4	<<0.2	5.7n	3.9n				5.7n
B HCHA ppb w.wt +.+.+.+			0.3	<<0.0	<<0.1	<<0.1	s<<0.0	<<0.0	<<0.0	<<0.0	<<0.0			<<0.1
B HCHG ppb w.wt +.+.+.+			0.4	<<0.0	<<0.1	<<0.1	s0.1	0.0	s0.2	0.1				<<0.1
B HC Σ2 ppb w.wt +.+.+.+			0.7n	<<0.0	<<0.1	<<0.1	s<<0.1	<<0.1	<<0.0	<<0.1	<<0.1			<<0.1
B HCB ppb w.wt +.+.+.+			0.1	0.0	0.1	<<0.1	s0.0	0.0	0.1	0.1				0.1
B QCB ppb w.wt +.+.+.+			<<0.1	<<0.0	<<0.1	<<0.1	s<<0.0	<<0.0	<<0.0	<<0.0	<<0.0			<<0.1
B OCS ppb w.wt +.+.+.+			<<0.1	<<0.0	<<0.1	<<0.1	s<<0.0	<<0.0	<<0.0	<<0.0	<<0.0			<<0.1
H Age year		3.00												
H Count Max		1.00												

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J63 Sørfjorden, Tissue: Fillet

Locality : 53B Inner Sørfjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	971004	981024	981025	991002	001010	011009	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	15.00	15.00	15.00	25.00	25.00	25.00	19.73
Age year	5.33	5.00	5.20	4.36	2.40	3.20	3.87
Count Max	15.00	15.00	15.00	25.00	25.00	25.00	
Count Min	15.00	15.00	15.00	25.00	25.00	25.00	
Dry %	20.37	19.56	18.83	19.24	18.72	18.86	20.04
Fat %							1.54
Lenght.mean mm	439.00	478.00	473.33	408.00	436.40	451.60	461.02
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g		32.05	30.25	24.64	46.01	49.41	42.83
Weight g	802.26	999.13	1212.20	633.08	771.02	1014.70	1086.91
HG ppm w.wt +.+.+.+	0.184n	0.247n	0.252n	0.270n	0.370n	0.540n	0.540n
B Age year	5.33	5.00	5.27	4.36	2.40	3.20	3.72
Count Max	3.00	3.00	3.00	5.00	5.00	5.00	
Count Min	3.00	2.00	3.00	5.00	5.00	4.00	
Dry %							20.82
Fat %	0.37	0.38	0.40	0.38	0.28	0.35	0.35
Lenght.max mm	485.00	506.67	510.00	422.00	458.00	502.00	485.61
Lenght.mean mm	439.00	478.00	473.33	408.00	436.40	451.60	451.83
Lenght.min mm	385.00	443.33	403.33	392.00	418.00	404.00	418.81
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	4.94
Tissue weight g		32.17	30.25		46.01	49.41	43.95
Weight g	802.27	999.13	1212.20	633.08	771.02	1014.70	1031.33
HG ppb w.wt +.+.+.+	<<3.253	<<4.493	<<6.613	<<6.626	<<3.096	<<0.616	<<6.370
CB28 ppb w.wt +.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1
CB52 ppb w.wt +.+.+.+	<<0.1	6.7	0.6	<0.1	0.9	<<0.0	0.9
CB101 ppb w.wt +.+.+.+	0.1	45.3	5.8	0.8	6.3	0.1	5.0
CB105 ppb w.wt +.+.+.+	0.2	30.7	4.4	0.5	6.0	0.1	<4.3
CB118 ppb w.wt +.+.+.+	0.3	53.7	8.4	1.3	11.4	0.2	7.1
CB138 ppb w.wt +.+.+.+	0.7	63.0	11.9	2.6	17.2	0.3	9.2
CB153 ppb w.wt +.+.+.+	0.8	49.7	12.4	3.6	16.8	0.4	8.4
PCB ppb w.wt +.+.+.+							<<27n
CB156 ppb w.wt +.+.+.+	0.1	8.1	1.5	0.2	2.9	<<0.0	<1.4
CB180 ppb w.wt +.+.+.+	0.3	6.9	1.9	0.9	3.3	0.1	1.5
CB209 ppb w.wt +.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1
CB Σ7 ppb w.wt +.+.+.+	<<2	<<225n	<<41n	<<9n	<<56n	<<1	<<32n
CB ΣΣ ppb w.wt +.+.+.+	<<3	<<264n	<<47n	<<10n	<<65n	<<1	<<37n
DDEFP ppb w.wt +.+.+.+	2.8n	4.1n	6.2n	6.2n	2.8n	0.6	4.0n
TDEFP ppb w.wt +.+.+.+	0.3	0.3	0.3	0.3	0.2	<<0.1	<0.4
DD Σ4 ppb w.wt +.+.+.+	3.1n	4.4n	6.5n	6.6n	3.0n	<<0.6	<4.3n
HCHA ppb w.wt +.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1
HCHG ppb w.wt +.+.+.+	0.1	0.1	0.1	<<0.1	<<0.1	<<0.0	0.0
HC Σ2 ppb w.wt +.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1
HCB ppb w.wt +.+.+.+	<<0.1	0.1	0.0	0.1	0.1	0.0	0.1
QCB ppb w.wt +.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
OCS ppb w.wt +.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	s<<0.0
H Age year							3.00
Count Max							

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	870222	881117	891125	901014	911101	921215	931001	941000	951015	960807	960814	961201	961202	970930
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Count Min		1.00												
Dry %		22.40												
Fat %		0.20												
Lenght.max mm		520.00												
Lenght.mean mm		401.00												
Lenght.min mm		275.00												
No of individ.in sub-sample		25.00												
Weight g		724.00												
HG ppm w.wt +.+.+.+		0.105n												
PCB ppb w.wt +.+.+.+.+		30n												

Sampling date (YYMMDD) =>	971004	981024	981025	991002	001010	011009	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Count Min							
Dry %							22.40
Fat %							0.20
Lenght.max mm							520.00
Lenght.mean mm							401.00
Lenght.min mm							275.00
No of individ.in sub-sample							25.00
Weight g							724.00
HG ppm w.wt +.+.+.+							0.105n
PCB ppb w.wt +.+.+.+.+							30n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	871125	881011	891015	901009	911023	921201	931101	941203	951101	960817	961031	970930	981028	990927
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	22.00	25.00	22.00	13.00	20.00	8.00	12.00	18.00	25.00	25.00	10.00	25.00	25.00	25.00
Age year	2.73		1.41	2.38	3.11	2.75	3.17	4.50	3.64	3.36	4.65	5.20	5.04	4.44
Count Max	22.00		22.00	13.00	19.00	8.00	12.00	18.00	25.00	25.00	10.00	25.00	25.00	24.00
Count Min	22.00		22.00	13.00	19.00	8.00	12.00	17.00	22.00	5.00	10.00	5.00	5.00	5.00
Dry %	71.18		78.62	59.18	54.48	61.71	60.55	50.74	69.74	43.21	62.33	43.86	61.25	52.50
Fat %	65.15		54.54		43.07	46.46	48.19	37.71	61.60	52.27	52.55	44.06	49.20	32.57
Lenght.mean mm	523.18		514.55	508.46	498.95	486.25	506.67	519.44	482.00	345.40	540.00	404.20	504.60	423.60
No of individ.in sub-sample	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	60.02		35.41	47.38	31.72	84.23	46.27	51.51	82.58	9.08	65.78	11.08	42.84	14.64
Weight g	1536.77		1399.05	1411.69	1223.47	1313.50	1396.06	1456.54	1310.34	416.61	1636.30	614.42	1299.96	839.52
CD ppm w.wt +.+.+.+. .	0.18n		<0.06	0.07	0.10	<0.09	0.15n	0.29n	0.05	0.18n	0.14n	0.31n	0.04	0.08
CU ppm w.wt +.+.+.+. .	9.06		13.82	8.83	7.75	6.71	8.59	13.71	5.14	9.47	8.50	22.81n	11.22	11.76
PB ppm w.wt +.+.+.+. .	0.18n		<0.23n	0.13n	0.18n	<<0.13n	<0.15n	<<0.15n	<<0.06	<<0.08	<<0.20n	<0.10n	<<0.03	<<0.04
ZN ppb w.wt +.+.+.+. .					<<759.1	<<399.9	<<491.0	<<512.7	<<208.8	1584.8	<796.2	<3416.4	<435.3	<<330.8
ZN ppm w.wt +.+.+.+. .	27.2		27.5	26.6	27.8	21.6	28.3	29.0	18.0	35.6n	25.4	51.7n	26.3	30.2n
CB28 ppb w.wt ?..+.+. .			s<89.5n		<<5.3	<<5.0	<<4.3	<<7.0	<<6.2	3.0	<3.2	<5.5	<<2.5	<<2.1
CB52 ppb w.wt ?..+.+. .			s182.7n		<<5.7	<7.4	<<5.0	<5.1	11.3	9.6	<8.9	<<2.9	6.4	<<3.0
CB101 ppb w.wt ?..+.+. .			s90.0n		<16.4	16.5	20.2	19.7	29.6	47.4	32.4	51.8n	17.2	13.1
CB105 ppb w.wt +.+.+.+. .					<11.5	<13.3	10.6	14.1	10.3	21.6	11.8	63.9	11.6	11.9
CB118 ppb w.wt ?..+.+. .			s<<47.7		40.1	37.5	29.3	43.5	29.7	55.0	30.2	128.4n	31.4	34.3
CB138 ppb w.wt ?..+.+. .			s461.8n		75.8	78.5	59.8	88.7	55.2	132.8	58.4	198.1n	68.0	73.9
CB153 ppb w.wt ?..+.+. .			s243.2n		122.1	123.6	94.1	144.3	84.4	178.6	83.8	237.5n	108.6	128.4
PCB ppb w.wt +.+.+.+. .			1147n											
CB156 ppb w.wt +.+.+.+. .					<<7.5	<<7.6	7.1	<9.9	<6.0	15.4	7.0	29.6	8.9	8.6
CB180 ppb w.wt ?..+.+. .			s<67.3n		28.7	39.5	27.3	45.8	22.6	59.6n	28.1	85.4n	35.2	37.6
CB209 ppb w.wt +.+.+.+. .					<<5.1	<<5.0	<51.6	<<3.3	<<3.0	<<2.0	<<2.2	<<2.0	<<2.0	<<1.9
CB Σ7 ppb w.wt +.+.+.+. .			s<<1177n		<<290	<<307	<<221	<<353	<<237	486	<245	<<709n	<<230	<<292
CB ΣΣ ppb w.wt +.+.+.+. .			s<<1177n		<<308	<<325	<<293	<<379	<<255	<<525	<<266	<<803	<<249	<<312
DDEPP ppb w.wt +.+.+.+. .			1005.9n		567.2n	340.5n	422.5n	437.0n	178.0	965.0n	494.0n	2295.2n	309.6n	253.9n
DDTTPP ppb w.wt +.+.+.+. .			<828.2n							388.4n	169.7	946.0n	216.0n	156.4
TDEPP ppb w.wt +.+.+.+. .					180.2	42.0	57.3	65.2	<21.4	215.4n	119.2	632.7n	57.0	<36.4
DD Σ4 ppb w.wt +.+.+.+. .			<1834.1n		747.4n	382.5n	479.8n	502.2n	<199.3	1568.8n	782.9n	3400.9n	409.8n	<324.3n
HCHA ppb w.wt +.+.+.+. .					<<5.0	<<7.3	<<5.0	<<4.8	<<4.0	4.4	<4.9	<5.8	<6.2	<<2.2
HCHG ppb w.wt +.+.+.+. .			<49.5		<<8.0	<10.8	<6.5	<6.3	<5.9	11.6	<8.6	9.7	19.3	<4.4
HC Σ2 ppb w.wt +.+.+.+. .			<49.5		<<11.7	<<17.4	<<11.2	<<10.4	<<9.6	16.0	<13.3	<15.5	<25.5	<<6.6
HCB ppb w.wt +.+.+.+. .			<<25.9n		<<8.6	<9.1	8.2	<7.9	10.4	8.4	<10.0	14.9	9.5	5.3
QCB ppb w.wt +.+.+.+. .					<<5.0	<<5.0	<<4.0	<<3.0	<<3.0	<<2.8	<<3.1	<6.5	<<2.9	<<1.0
OCS ppb w.wt +.+.+.+. .					<<5.0	<<5.0	<<4.0	<<3.0	<<3.0	<<2.0	<<2.0	<<2.0	<<1.0	<<1.0
EPOCL ppb w.wt +.+.+.+. .			5923		<10167									
B Age year				2.67										
Count Max				3.00										
Count Min				3.00										
Dry %				60.50										
Fat %				50.70										
Lenght.max mm				543.33										
Lenght.mean mm				509.00										
Lenght.min mm				460.00										

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>		001014	011212	Mean
Sample	Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
I	no in sample	25.00	25.00	20.17
	Age year	2.68	2.00	3.40
	Count Max	25.00	25.00	
	Count Min	5.00	5.00	
	Dry %	52.49	53.48	58.35
	Fat %	40.57	39.83	47.70
	Lenght.mean mm	523.60	470.00	483.39
	No of individ.in sub-sample	1.00	1.00	1.00
	Tissue weight g	39.54	24.34	43.09
	Weight g	1564.02	1067.91	1232.41
	CD ppm w.wt +..+....	0.08	0.04	0.08
	CU ppm w.wt +.....	11.84	12.37	8.54
	PB ppm w.wt +..+....	<<0.05	<<0.04	<<0.13n
	ZN ppb w.wt +.....	<<294.0	<<200.2	<741.4
	ZN ppm w.wt +.....	31.0n	30.6n	31.1n
	CB28 ppb w.wt ?..+....	<<2.5	<<2.6	<<6.6
	CB52 ppb w.wt ?..+....	<<3.3	<5.4	<<6.5
	CB101 ppb w.wt ?..+....	12.0	21.2	<24.8
	CB105 ppb w.wt	9.1	20.9	<17.5
	CB118 ppb w.wt ?..+....	24.5	49.2	44.4
	CB138 ppb w.wt ?..+....	58.5	77.6	85.4
	CB153 ppb w.wt ?..+....	92.7	112.4	125.9
	PCB ppb w.wt +..+....			1147n
	CB156 ppb w.wt	<<6.1	<7.8	<<10.1
	CB180 ppb w.wt ?..+....	30.1	31.6	39.3
	CB209 ppb w.wt	<<2.4	<<1.5	<<6.8
	CB Σ7 ppb w.wt +..+....	<<223	<<300	<<324
	CB ΣΣ ppb w.wt +..+....	<<241	<<329	<<357
	DDEPP ppb w.wt +..+....	232.6n	161.0	589.4n
	DDTPP ppb w.wt +..+....	83.2	63.6	<356.4n
	TDEPP ppb w.wt +..+....	37.5	22.4	<123.9
	DD Σ4 ppb w.wt +..+....	287.4n	196.1	<855.0n
	HCHA ppb w.wt +..+....	<<2.4	<<1.7	<<5.0
	HCHG ppb w.wt +..+....	4.2	<2.5	<<3.3
	HC Σ2 ppb w.wt +..+....	<<6.6	<<4.1	<<15.2
	HCB ppb w.wt +..+....	6.0	4.7	6.0
	QCB ppb w.wt	<<1.2	<<0.7	<<4.3
	OCS ppb w.wt	<<1.3	<<1.2	<<3.3
	EPOCL ppb w.wt			<<8045
B	Age year			2.67
	Count Max			
	Count Min			
	Dry %			60.50
	Fat %			50.70
	Lenght.max mm			543.33
	Lenght.mean mm			509.00
	Lenght.min mm			460.00

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	871125	881011	891015	901009	911023	921201	931101	941203	951101	960817	961031	970930	981028	990927
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
No of individ.in sub-sample				4.33										
Tissue weight g				49.48										
Weight g				1410.67										
ZN ppb w.wt +.....				1239.3										
CB28 ppb w.wt ?..+....				<<5.3										
CB52 ppb w.wt ?..+....				10.3										
CB101 ppb w.wt ?..+....				42.0										
CB118 ppb w.wt ?..+....				52.0										
CB138 ppb w.wt ?..+....				113.0										
CB153 ppb w.wt ?..+....				160.3										
CB180 ppb w.wt ?..+....				53.0n										
CB209 ppb w.wt				<<4.3										
CB Σ7 ppb w.wt +..+....				<<436										
CB ΣΣ ppb w.wt +..+....				<<439										
DDEPP ppb w.wt +..+....				1189.3n										
DD Σ4 ppb w.wt +..+....				1189.3n										
HCHA ppb w.wt +..+....				38.3										
HCHG ppb w.wt +..+....				11.7										
HC Σ2 ppb w.wt +..+....				50.0n										
HCB ppb w.wt +..+....				16.0										
QCB ppb w.wt				<<4.3										
OCS ppb w.wt				<<4.3										
EPOCL ppb w.wt				2073										
H Age year		3.00												
Count Max		1.00												
Count Min		1.00												
Dry %		74.20												
Fat %		56.20												
Lenght.max mm		590.00												
Lenght.mean mm		493.00												
Lenght.min mm		425.00												
No of individ.in sub-sample		25.00												
Weight g		1334.00												
CD ppm w.wt +..+....		0.05												
CU ppm w.wt +.....		6.91												
PB ppm w.wt +..+....		0.20n												
ZN ppm w.wt +.....		22.3												
PCB ppb w.wt +..+....		840												
DDEPP ppb w.wt +..+....		330.0n												
DDTTPP ppb w.wt +..+....		200.0n												
DD Σ4 ppb w.wt +..+....		530.0n												
HCHG ppb w.wt +..+....		<<40.0												
HC Σ2 ppb w.wt +..+....		<<40.0												
HCB ppb w.wt +..+....		<<40.0n												
EPOCL ppb w.wt		3100												

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk
 Sampl.area : J62 Hardangerfjorden, Tissue: Liver
 Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	001014	011212	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
No of individ.in sub-sample			4.33
Tissue weight g			49.48
Weight g			1410.67
ZN ppb w.wt +.....			1239.3
CB28 ppb w.wt ?..+....			<<5.3
CB52 ppb w.wt ?..+....			10.3
CB101 ppb w.wt ?..+....			42.0
CB118 ppb w.wt ?..+....			52.0
CB138 ppb w.wt ?..+....			113.0
CB153 ppb w.wt ?..+....			160.3
CB180 ppb w.wt ?..+....			53.0m
CB209 ppb w.wt			<<4.3
CB Σ7 ppb w.wt +..+....			<<436
CB ΣΣ ppb w.wt +..+....			<<439
DDEPP ppb w.wt +..+....			1189.3m
DD Σ4 ppb w.wt +..+....			1189.3m
HCHA ppb w.wt +..+....			38.3
HCHG ppb w.wt +..+....			11.7
HC Σ2 ppb w.wt +..+....			50.0m
HCB ppb w.wt +..+....			16.0
QCB ppb w.wt			<<4.3
OCS ppb w.wt			<<4.3
EPOCL ppb w.wt			2073
Age year			3.00
Count Max			
Count Min			
Dry %			74.20
Fat %			56.20
Lenght.max mm			590.00
Lenght.mean mm			493.00
Lenght.min mm			425.00
No of individ.in sub-sample			25.00
Weight g			1334.00
CD ppm w.wt +..+....			0.05
CU ppm w.wt +.....			6.91
PB ppm w.wt +..+....			0.20m
ZN ppm w.wt +.....			<<11.4
PCB ppb w.wt +..+....			840
DDEPP ppb w.wt +..+....			330.0m
DDTFPP ppb w.wt +..+....			200.0m
DD Σ4 ppb w.wt +..+....			530.0m
HCHG ppb w.wt +..+....			<<40.0
HC Σ2 ppb w.wt +..+....			<<40.0
HCB ppb w.wt +..+....			<<40.0m
EPOCL ppb w.wt			3100

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J62 Hardangerfjorden, Tissue: Fillet

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	871125	881011	891015	901009	911023	921201	931101	941203	951101	960817	961031	970930	981028	990927
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	22.00	25.00	22.00	13.00	20.00	8.00	12.00	18.00	25.00	25.00	10.00	25.00	25.00	25.00
I Age year	2.73		1.41	2.38	3.15	2.75	3.17	4.50	3.64	3.36	4.65	5.20	5.04	4.44
I Count Max	22.00		22.00	13.00	20.00	8.00	12.00	18.00	25.00	25.00	10.00	25.00	25.00	25.00
I Count Min	22.00		22.00	13.00	20.00	8.00	12.00	18.00	25.00	25.00	10.00	25.00	25.00	25.00
I Dry %	20.28		22.10	20.21	19.12	21.08	19.02	20.45	21.07	19.46	19.97	18.72	19.72	19.20
I Lenght.mean mm	523.18		514.55	508.46	501.50	486.25	506.67	519.44	482.00	345.40	540.00	404.20	504.60	423.60
I No of individ.in sub-sample	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
I Tissue weight g										47.32	56.07		32.42	23.79
I Weight g	1536.77		1399.05	1411.69	1237.15	1313.50	1396.06	1456.54	1310.34	416.61	1636.30	614.42	1299.96	839.52
B HG ppm w.wt +.+.+.+	0.141n		0.102n	0.163n	<0.118n	0.103n	0.111n	0.131n	0.081	0.100n	0.183n	0.133n	0.070	0.068
B Age year				2.67	3.00		3.00	4.50	3.80	3.36		5.12	5.04	4.44
B Count Max				3.00	4.00		2.00	4.00	5.00	5.00		5.00	5.00	5.00
B Count Min				3.00	4.00		2.00	4.00	4.00	5.00		5.00	5.00	5.00
B Dry %				20.10	19.32		19.00		21.08					
B Fat %				0.37	0.43		0.30	0.23	0.31	0.33		0.32	0.41	0.37
B Lenght.max mm				543.33	520.00		537.50	535.00	492.00	366.00		414.00	534.00	464.00
B Lenght.mean mm				509.00	501.50		519.00	514.75	482.00	345.40		404.20	506.20	423.60
B Lenght.min mm				460.00	480.00		502.50	498.75	474.00	325.00		392.00	482.00	394.00
B No of individ.in sub-sample				4.33	5.00		5.00	4.50	5.00	5.00		5.00	5.00	5.00
B Tissue weight g								267.30		45.43			31.12	
B Weight g				1410.67	1237.50		1479.80	1433.93	1310.34	416.58		614.44	1318.68	839.52
B HG ppb w.wt +.+.+.+				5.937	<<3.708		s<<1.400	3.420	<<1.608	<<7.950		<18.086	<<1.152	<<1.520
B CB28 ppb w.wt +.+.+.+				<<0.1	<<0.1		<<0.1	<<0.0	<<0.0	<<0.0		<<0.1	<<0.1	<<0.1
B CB52 ppb w.wt +.+.+.+				<<0.1	<<0.1		<<0.1	<<0.0	<0.0	0.0		<<0.1	<<0.1	<<0.1
B CB101 ppb w.wt +.+.+.+				0.2	0.1		<<0.1	0.1	0.1	0.3		0.3	0.1	<<0.1
B CB105 ppb w.wt +.+.+.+					0.1		<<0.1	0.1	<0.0	0.2		0.5	<<0.1	<0.1
B CB118 ppb w.wt +.+.+.+				<<0.2	0.2		0.1	0.2	0.1	0.5		1.2	0.1	<0.2
B CB138 ppb w.wt +.+.+.+				0.5	0.4		0.1	0.3	0.2	1.0		2.0	0.2	0.5
B CB153 ppb w.wt +.+.+.+				0.7	0.6		0.2	0.5	0.2	1.3		2.5	0.4	0.8
B CB156 ppb w.wt +.+.+.+					<<0.1		<<0.1	0.0	<<0.0	0.1		0.3	<<0.1	<<0.1
B CB180 ppb w.wt +.+.+.+				<<0.2	0.1		0.1	0.1	0.1	0.5		0.7	0.1	<0.2
B CB209 ppb w.wt +.+.+.+				<<0.1	<<0.1		<<0.1	<<0.0	<<0.0	<<0.0		<<0.1	<<0.1	<<0.1
B CB Σ7 ppb w.wt +.+.+.+				<<2	<<1		<<1	<<1	<<1	<<4		<<7n	<<1	<<2
B CB ΣΣ ppb w.wt +.+.+.+				<<2	<<2		<<1	<<1	<<1	<<4		<<8	<<1	<<2
B DDEPP ppb w.wt +.+.+.+				5.6n	3.2n		1.0	3.1n	1.1n	6.8n		16.3n	0.9	1.3n
B TDEPP ppb w.wt +.+.+.+					0.4		0.2	0.2	0.3	1.0		1.7n	0.1	<<0.2
B DD Σ4 ppb w.wt +.+.+.+				5.6n	3.6n		1.2n	3.3n	1.4n	7.8n		18.0n	1.0n	<<1.5n
B HCHA ppb w.wt +.+.+.+				0.3	<<0.1		<<0.1	0.0	<<0.0	<<0.0		<0.1	<<0.1	<<0.1
B HCHG ppb w.wt +.+.+.+				0.1	0.1		s<<0.1	0.0	0.2	0.2		0.1	0.1	<<0.1
B HC Σ2 ppb w.wt +.+.+.+				0.4	<<0.1		s<<0.2	0.1	<<0.2	<<0.2		<0.1	<<0.1	<<0.1
B HCB ppb w.wt +.+.+.+				0.1	0.1		0.1	0.1	0.1	0.1		0.1	0.1	<0.1
B QCB ppb w.wt +.+.+.+				<<0.1	<<0.1		<<0.1	<<0.0	<<0.0	<<0.0		<<0.1	<<0.0	<<0.0
B OCS ppb w.wt +.+.+.+				<<0.1	<<0.1		<<0.1	<<0.0	<<0.0	<<0.0		<<0.1	<<0.0	<<0.0
H Age year		3.00	1.00				3.00							
H Count Max		1.00	1.00				1.00							
H Count Min		1.00	1.00				1.00							
H Dry %		22.90	22.58											

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk
 Sampl.area : J62 Hardangerfjorden, Tissue: Fillet
 Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	001014	011212	Mean
SampleParam (w,d,l): No.Fo.Ri	Mean	Mean	Mean
I no in sample	25.00	25.00	20.60
Age year	2.68	2.00	3.39
Count Max	25.00	25.00	
Count Min	25.00	25.00	
Dry %	19.49	19.63	19.96
Lenght.mean mm	523.60	470.00	480.13
No of individ.in sub-sample	1.00	1.00	1.00
Tissue weight g	45.63	67.54	44.50
Weight g	1564.02	1067.91	1208.09
HG ppm w.wt +.+.+.+	0.106n	0.082	0.121n
B Age year	2.68	2.00	3.60
Count Max	5.00	5.00	
Count Min	5.00	5.00	
Dry %			19.88
Fat %	0.30	0.32	0.33
Lenght.max mm	572.00	494.00	497.44
Lenght.mean mm	523.60	470.00	472.66
Lenght.min mm	474.00	444.00	447.84
No of individ.in sub-sample	5.00	5.00	4.89
Tissue weight g	45.64	67.54	91.40
Weight g	1564.02	1067.91	1153.94
HG ppb w.wt +.+.+.+	<<1.674	<<3.278	<<6.384
CB28 ppb w.wt ...+....	<<0.0	<<0.0	<<0.1
CB52 ppb w.wt ...+....	<<0.0	0.2	0.2
CB101 ppb w.wt ...+....	0.1	1.1	<0.2
CB105 ppb w.wt	<0.1	0.8	<<0.2
CB118 ppb w.wt ...+....	0.2	1.8	<0.4
CB138 ppb w.wt ...+....	0.4	2.8	0.8
CB153 ppb w.wt ...+....	0.6	3.6	1.0
CB156 ppb w.wt	<0.0	0.3	<<0.1
CB180 ppb w.wt ...+....	0.1	0.9	<0.3
CB209 ppb w.wt	<<0.0	<<0.0	<<0.0
CB Σ7 ppb w.wt +.+.+.+	<<1	<<10n	<<3
CB ΣΣ ppb w.wt +.+.+.+	<<1	<<12n	<<3
DDEPP ppb w.wt +.+.+.+	1.5n	3.1n	4.0n
TDEPP ppb w.wt +.+.+.+	0.1	0.1	<0.4
DD Σ4 ppb w.wt +.+.+.+	1.6n	3.2n	<4.4n
HCHA ppb w.wt +.+.+.+	<<0.0	<<0.0	<<0.1
HCHG ppb w.wt +.+.+.+	<0.0	<<0.0	s<<0.1
HC Σ2 ppb w.wt +.+.+.+	<<0.1	<<0.0	<<0.1
HCB ppb w.wt +.+.+.+	0.0	0.0	0.1
QCB ppb w.wt	<<0.0	0.0	0.0
OCS ppb w.wt	<<0.0	<<0.0	<<0.1
H Age year			2.50
Count Max			
Count Min			
Dry %			22.79

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J62 Hardangerfjorden, Tissue: Fillet

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	871125	881011	891015	901009	911023	921201	931101	941203	951101	960817	961031	970930	981028	990927
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Fat %		0.40	0.20			0.30								
Lenght.max mm		590.00	570.00			590.00								
Lenght.mean mm		493.00	515.00			516.00								
Lenght.min mm		425.00	435.00			470.00								
No of individ.in sub-sample		25.00	22.00			8.00								
Weight g		1334.00	1399.00			1463.20								
HG ppb w.wt +.+.+.+						2.100								
HG ppm w.wt +.+.+.+		0.085												
CB28 ppb w.wt ...+....						<<0.1								
CB52 ppb w.wt ...+....						<<0.1								
CB101 ppb w.wt ...+....						0.1								
CB105 ppb w.wt+....						0.1								
CB118 ppb w.wt ...+....						0.1								
CB138 ppb w.wt ...+....						0.3								
CB153 ppb w.wt ...+....						0.4								
PCB ppb w.wt +.+.+.+		<<20n	<<20n											
CB156 ppb w.wt+....						<<0.1								
CB180 ppb w.wt ...+....						0.1								
CB209 ppb w.wt+....						<<0.1								
CB Σ7 ppb w.wt +.+.+.+						<<1								
CB ΣΣ ppb w.wt +.+.+.+						<<1								
DDEPP ppb w.wt +.+.+.+						1.4n								
TDEPP ppb w.wt +.+.+.+						0.5								
DD Σ4 ppb w.wt +.+.+.+						1.9n								
HCHA ppb w.wt +.+.+.+						0.1								
HCHG ppb w.wt +.+.+.+						0.1								
HC Σ2 ppb w.wt +.+.+.+						0.2								
HCB ppb w.wt +.+.+.+						<<0.1								
QCB ppb w.wt+....						<<0.1								
OCS ppb w.wt+....						<<0.1								

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk
 Sampl.area : J62 Hardangerfjorden, Tissue: Fillet
 Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	001014	011212	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
Fat %			0.33
Lenght.max mm			585.00
Lenght.mean mm			504.25
Lenght.min mm			438.75
No of individ.in sub-sample			20.00
Weight g			1382.55
HG ppb w.wt +.+.+.+			2.100
HG ppm w.wt +.+.+.+			0.085
CB28 ppb w.wt ...+....			<<0.1
CB52 ppb w.wt ...+....			<<0.1
CB101 ppb w.wt ...+....			0.1
CB105 ppb w.wt			0.1
CB118 ppb w.wt ...+....			0.1
CB138 ppb w.wt ...+....			0.3
CB153 ppb w.wt ...+....			0.4
PCB ppb w.wt +.+.+.+			<<20n
CB156 ppb w.wt			<<0.1
CB180 ppb w.wt ...+....			0.1
CB209 ppb w.wt			<<0.1
CB Σ7 ppb w.wt +.+.+.+			<<1
CB ΣΣ ppb w.wt +.+.+.+			<<1
DDEPP ppb w.wt +.+.+.+			1.4n
TDEPP ppb w.wt +.+.+.+			0.5
DD Σ4 ppb w.wt +.+.+.+			1.9n
HCHA ppb w.wt +.+.+.+			0.1
HCHG ppb w.wt +.+.+.+			0.1
HC Σ2 ppb w.wt +.+.+.+			0.2
HCB ppb w.wt +.+.+.+			<<0.1
QCB ppb w.wt			<<0.1
OCS ppb w.wt			<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>	901007	910930	921215	931015	941000	951201	961120	971003	981021	990922	001020	011015	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Age year	3.36	3.28	3.48	3.60	3.40	4.08	5.12	5.21	5.16	5.20	2.88	2.60	3.91
Count Max	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Count Min	5.00	18.00	25.00	25.00	23.00	24.00	25.00	25.00	24.00	25.00	24.00	22.00	25.00
Dry %	55.92	43.77	59.86	56.06	62.64	52.88	60.30	52.00	55.41	58.79	60.06	59.09	56.88
Fat %	44.52	32.81	48.30	43.00	50.93	41.10	51.56	35.21	41.80	43.33	49.01	49.86	44.80
Lenght.mean mm	515.20	429.60	514.40	562.00	543.00	532.20	586.60	485.60	534.40	508.00	568.80	559.20	529.38
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	35.19	16.14	61.33	64.65	76.95	75.64	144.75	28.86	83.71	41.50	62.35	76.45	64.96
Weight g	1073.88	852.96	1576.83	2090.56	1757.12	1778.74	2668.56	1212.93	1689.68	1472.16	1984.16	2003.35	1686.00
Weight ppb w.wt	118.44												118.44
CD ppm w.wt +.+.	0.03	<0.03	<0.02	<0.03	0.02	0.05	0.02	0.04	<0.04	0.04	0.02	0.03	0.03
CU ppm w.wt +.+.	8.61	10.05	7.02	8.57	8.53	11.15	9.94	12.17	9.42	14.32	9.00	9.50	9.89
PB ppm w.wt +.+.	<0.07	<0.08	<<0.03	<<0.03	<<0.03	<<0.02	<<0.03	<<0.04	<<0.03	<<0.05	<<0.03	<<0.03	<<0.07
ZN ppb w.wt +.+.		<<162.9	<<70.6	<<92.2	<62.4	<<41.5	<95.7	<63.5	<<82.5	<<84.4	<<71.4	<<71.1	<89.5
ZN ppm w.wt +.+.	31.0n	30.7n	24.9	24.2	21.3	26.7	22.9	30.2n	30.5n	33.4n	26.6	30.7n	30.7n
CB28 ppb w.wt ?..+.	6.5	<<6.6	<<5.0	<<6.0	<<3.6	<<3.9	<3.6	<<2.3	<<4.7	<<3.2	<<2.6	<<2.3	<<6.6
CB52 ppb w.wt ?..+.	<4.2	<<11.7	<<7.9	<<9.8	<6.6	<6.7	<6.1	<<1.8	<<5.9	<<4.1	<4.7	<4.2	<<6.7
CB101 ppb w.wt ?..+.	13.1	<<51.8n	<18.8	<24.9	<13.8	13.1	<16.6	7.6	44.0	16.1	11.1	13.2	<<19.9
CB105 ppb w.wt			13.9	<16.8	<7.3	<8.6	11.8	8.5	<34.4	18.5	<11.0	9.2	<<13.4
CB118 ppb w.wt ?..+.	49.8	123.9n	40.2	41.2	23.1	24.5	28.3	21.6	94.4	45.5	27.2	21.3	43.4
CB138 ppb w.wt ?..+.	64.3	220.9n	64.9	54.7	36.1	45.9	45.8	44.3	127.2	73.0	45.4	38.0	69.0
CB153 ppb w.wt ?..+.	109.6	391.1n	115.6	96.2	58.6	77.3	70.4	70.3	169.7	136.0	85.2	64.1	115.6
CB156 ppb w.wt			<<7.8	<8.6	<<4.9	<5.6	6.8	5.8	<<19.8	12.0	<6.9	<4.4	<<7.9
CB180 ppb w.wt ?..+.	51.4n	124.6n	37.8	28.8	18.1	20.7	20.4	18.8	<35.2	35.9	22.3	20.5	<34.8
CB209 ppb w.wt	<4.0	<<4.6	<<5.1	<<4.0	<<3.3	<<3.0	<<2.0	<<1.7	<<4.6	<<2.1	<<2.1	<<1.8	<<3.2
CB Σ7 ppb w.wt +.+.	<299	<<928n	<<287	<<260	<<159	<<191	<191	<<166	<<477	<<312	<<198	<<164	<<292
CB ΣΣ ppb w.wt +.+.	<<303	<<931	<<308	<<285	<<173	<<207	<<211	<<181	<<527	<<344	<<215	<<178	<<310
DDEPP ppb w.wt +.+.	89.0	146.2	47.4	74.4	42.3	29.5	60.1	43.3	56.6	62.9	56.5	56.8	62.1
TDEPP ppb w.wt +.+.			<<5.4	<<10.9	<7.4	<<3.7	<17.2	9.1	<12.5	13.7	<<7.4	9.5	<<9.5
DD Σ4 ppb w.wt +.+.	89.0	146.2	<<52.8	<<85.3	<49.7	<<33.2	<77.3	52.3	<69.1	76.6	<<63.9	66.4	<<70.1
HCHA ppb w.wt +.+.	15.5	<<7.7	<6.2	<<4.2	<5.7	<<3.8	<5.4	<3.2	<<4.6	<<2.3	2.9	<2.1	2.9
HCHG ppb w.wt +.+.	13.9	<9.1	12.6	<<5.0	<8.0	<5.6	<13.2	<8.0	<9.5	5.4	<<5.2	2.7	2.7
HC Σ2 ppb w.wt +.+.	29.4	<<16.8	<18.8	<<8.0	<12.9	<<9.0	<18.5	<11.1	<<14.1	<<7.8	<<8.2	<4.4	<<13.2
HCB ppb w.wt +.+.	7.7	13.3	12.0	<10.8	<9.1	<7.0	<9.8	6.7	<7.7	8.4	8.4	8.5	8.5
QCB ppb w.wt	<<3.7	<<5.7	<<5.0	<<4.0	<<3.3	<<3.0	<<2.0	<<1.6	<<2.3	<<1.7	<<1.1	<<0.9	<<3.5
OCS ppb w.wt	<<2.4	<<4.1	<<5.0	<<4.0	<<3.0	<<3.0	<<2.0	<<1.6	<<2.3	<<1.3	<<1.2	<<1.0	<<3.3
EPOCL ppb w.wt	10490												10490

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>	901007	910930	921215	931015	941000	951201	961120	971003	981021	990922	001020	011015	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
I Age year	3.36	3.28	3.48	3.60	3.40	4.08	5.12	5.21	5.16	5.20	2.88	2.60	3.95
I Count Max	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
I Count Min	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
I Dry %	19.43	18.72	19.90	19.56	19.66	19.84	19.51	19.54	19.53	20.02	19.62	19.72	19.59
I Lenght.mean mm	515.20	429.60	514.40	562.00	543.00	532.20	586.60	485.60	534.40	508.00	568.80	559.20	528.25
I No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
I Tissue weight g							53.54	37.96	37.16	30.28	53.38	53.30	44.27
I Weight g	1073.88	852.96	1576.83	2090.56	1757.12	1778.74	2668.56	1212.93	1689.68	1472.16	1984.16	2003.35	1680.08
B HG ppm w.wt +.+.+.+	0.135n	0.104n	0.075	0.091	0.071	0.083	0.065	0.096	0.097	0.096	0.111n	0.088	0.111n
B Age year	3.20	3.40	3.40	3.60	3.40	4.20	5.12	5.28	5.16	5.20	2.72	2.60	3.94
B Count Max	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Count Min	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Dry %	19.44	18.72		19.54		19.84							19.38
B Fat %	0.32	0.46	0.28	0.23	0.09	0.30	0.29	0.30	0.33	0.38	0.30	0.33	0.30
B Lenght.max mm	542.00	488.00	544.00	592.00	569.00	560.00	622.00	523.00	570.00	534.00	600.00	586.00	560.83
B Lenght.mean mm	515.20	429.60	514.40	562.00	543.00	531.80	586.60	485.40	534.40	508.00	568.80	559.20	528.20
B Lenght.min mm	496.00	384.00	488.00	534.00	519.00	496.00	542.00	451.00	494.00	474.00	530.00	532.00	495.00
B No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Tissue weight g							53.54	37.96	35.67		53.20		45.09
B Weight g	1074.00	853.00	1576.84	2090.62	1757.34	1778.72	2668.56	1212.94	1689.68	1472.08	1984.18	2003.35	1680.11
B HG ppb w.wt +.+.+.+	0.628	<<0.794	<<0.240	<<0.500	<<0.222	<0.324	<<0.290	<<0.374	<<0.390	<<0.270	<<0.170	<<0.260	<<0.416
B ZN ppb w.wt +.+.+.+.+	0.6												0.6
B CB28 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
B CB52 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
B CB101 ppb w.wt +.+.+.+.+	<<0.1	0.2	<<0.1	<<0.1	<<0.0	<0.1	<0.0	0.1	<<0.2	<0.1	0.0	<<0.1	<<0.1
B CB105 ppb w.wt +.+.+.+.+		0.2	<<0.1	<<0.1	<<0.0	0.1	<0.0	<0.1	<0.1	<<0.1	<<0.0	<<0.1	<<0.1
B CB118 ppb w.wt +.+.+.+.+	<0.1	0.6	0.1	0.1	<<0.1	0.1	0.1	0.1	0.3	<0.1	0.1	0.1	<0.2
B CB138 ppb w.wt +.+.+.+.+	<<0.1	1.4	0.2	<0.2	<0.1	0.2	0.1	0.2	0.4	0.2	0.1	0.2	<0.3
B CB153 ppb w.wt +.+.+.+.+	0.3	2.3	0.2	0.3	0.1	0.3	0.2	0.3	0.6	0.4	0.2	0.3	0.5
B CB156 ppb w.wt +.+.+.+.+		<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
B CB180 ppb w.wt +.+.+.+.+	<<0.1	0.7	<0.1	<0.1	<<0.0	0.1	<0.0	0.1	<0.1	<0.1	0.0	<<0.1	<<0.1
B CB209 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
B CB Σ7 ppb w.wt +.+.+.+.+	<<1	<<5n	<<1	<<1	<<0	<<1	<<1	<<1	<<2	<<1	<<0	<<1	<<1
B CB ΣΣ ppb w.wt +.+.+.+.+	<<1	<<6	<<1	<<1	<<0	<<1	<<1	<<1	<<2	<<1	<<1	<<1	<<1
B DDEPP ppb w.wt +.+.+.+.+	0.3	0.6	0.1	0.3	0.1	0.2	0.1	0.2	<0.2	0.2	0.1	0.2	<0.2
B TDEPP ppb w.wt +.+.+.+.+		0.1	<<0.1	<<0.1	<<0.0	<0.0	<<0.0	<0.1	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
B DD Σ4 ppb w.wt +.+.+.+.+	0.3	0.7	<<0.2	<<0.4	<<0.2	<0.2	<<0.2	<0.3	<<0.3	<<0.3	<<0.2	<<0.3	<<0.3
B HCHA ppb w.wt +.+.+.+.+	0.2	<<0.1	<<0.1	<<0.1	<0.0	0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1	0.2
B HCHG ppb w.wt +.+.+.+.+	0.1	<<0.1	<<0.1	0.1	0.0	0.1	0.1	0.1	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
B HC Σ2 ppb w.wt +.+.+.+.+	0.3	<<0.1	<<0.1	<<0.2	<0.1	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
B HCB ppb w.wt +.+.+.+.+	0.1	0.1	<<0.1	0.1	0.0	0.1	0.1	0.1	<<0.1	0.1	0.1	0.1	0.1
B QCB ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
B OCS ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J65 Orkdalsfjorden, Tissue: Liver

Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>	841000	851127	861118	871020	881117	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	13.00	10.00	1.00	1.00	4.00	5.50
Age year			2.00	1.00		1.50
Count Max	13.00		1.00	1.00		
Count Min	13.00		1.00	1.00		
Dry %	35.81		68.76			52.28
Fat %	27.38		53.20			40.29
Lenght.mean mm	498.46		640.00	200.00		446.15
No of individ.in sub-sample	1.00		1.00	1.00		1.00
Tissue weight g			62.00	0.40		31.20
Weight g	1210.77		2300.00	60.00		1190.26
Weight ppm w.wt	<0.15					<<0.15
CD ppm w.wt +..+....	0.17n		0.07			0.12n
CD ppm w.wt ?				m?-99.00?		
CU ppm w.wt +..+....			26.61n			26.61n
CU ppm w.wt ?				m?-99.00?		
PB ppm w.wt +..+....			0.21n			0.21n
PB ppm w.wt ?				m?-99.00?		
ZN ppm w.wt +..+....			29.7			29.7
PCB ppb w.wt +..+....	866		340			603
PCB ppm w.wt +..+....			<<0			<<0
DDEPP ppb w.wt +..+....	<145.4		90.0			<<117.7
DDTTP ppb w.wt +..+....			<<40.0			<<40.0
DD Σ4 ppb w.wt +..+....	<145.4		<<130.0			<<137.7
HCHG ppb w.wt +..+....			90.0n			90.0n
HC Σ2 ppb w.wt +..+....			90.0n			90.0n
HCB ppb w.wt +..+....	<<23.8n		20.0			<<21.9n
EPOCL ppb w.wt			1100			1100
H Age year		3.00			3.00	3.00
Count Max		2.00			1.00	
Count Min		2.00			1.00	
Dry %		45.70			72.70	63.70
Fat %		38.30			66.40	57.03
Lenght.max mm		770.00			570.00	636.67
Lenght.mean mm		481.00			471.00	474.33
Lenght.min mm		320.00			290.00	300.00
No of individ.in sub-sample		10.00			4.00	6.00
Tissue weight g		6.84				6.84
Weight g		1349.00			1154.00	1219.00
CD ppm w.wt +..+....		0.10			0.03	0.05
CU ppm w.wt +..+....					6.24	6.24
PB ppm w.wt +..+....					<<0.09	<<0.09
ZN ppm w.wt +..+....					27.6	<<14.0
PCB ppb w.wt +..+....		365			1970n	1435n
PCB ppm w.wt +..+....		0				0
DDEPP ppb w.wt +..+....		50.0			240.0n	176.7
DDTTP ppb w.wt +..+....					180.0	180.0
DD Σ4 ppb w.wt +..+....		50.0			420.0n	296.7n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk
 Sampl.area : J65 Orkdalsfjorden, Tissue: Liver
 Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		841000	851127	861118	871020	881117	Mean
Sample	Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean
	HCHG ppb w.wt +..+....					<<40.0	<<40.0
	HC Σ2 ppb w.wt +..+....					<<40.0	<<40.0
	HCB ppb w.wt +..+....		30.0n			<<40.0n	<<36.7n
	EPOCL ppb w.wt					1750	1750

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk
 Sampl.area : J65 Orkdalsfjorden, Tissue: Fillet
 Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		841000	851127	861118	871020	881117	Mean
Sample	Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean
	no in sample	13.00	10.00	1.00	1.00	4.00	5.50
I	Age year		3.40	2.00	1.00		2.36
	Count Max	13.00	10.00	1.00	1.00		
	Count Min	13.00	10.00	1.00	1.00		
	Dry %	20.48	21.51	20.54			20.84
	Lenght.mean mm	498.46	481.00	640.00	200.00		491.27
	No of individ.in sub-sample	1.00	1.00	1.00	1.00		1.00
	Weight g	1210.77	1348.60	2300.00	60.00		1396.96
	HG ppm w.wt +..+..+	0.049	0.052	0.025			0.042
	PCB ppb w.wt +..+....	<<50n	<<50n	40n			<<47n
H	Age year					3.00	3.00
	Count Max					1.00	
	Count Min					1.00	
	Dry %					20.90	20.90
	Fat %					0.20	0.20
	Lenght.max mm					570.00	570.00
	Lenght.mean mm					471.00	471.00
	Lenght.min mm					290.00	290.00
	No of individ.in sub-sample					4.00	4.00
	Weight g					1154.00	1154.00
	HG ppm w.wt +..+..+					0.044	0.044
	PCB ppb w.wt +..+....					<<20n	<<20n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 92B Stokken area, Latitude: 64°9.85N Longitude: 9°53.0E

Sampling date (YYMMDD) =>	940207	950100	951001	961115	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	24.00	25.00	25.00	24.75
Age year	4.40	4.25	5.32	6.42	5.10
Count Max	25.00	24.00	25.00	25.00	
Count Min	25.00	24.00	25.00	24.00	
Dry %	58.66	61.30	63.68	57.04	60.17
Fat %	49.38	50.70	53.85	45.38	49.83
Lenght.mean mm	612.60	606.88	678.00	676.00	643.37
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00
Tissue weight g	97.13	142.10	144.97	101.29	121.37
Weight g	2377.27	2445.10	3083.36	2950.20	2713.98
Weight ppb w.wt	<102.08				<<102.08
CD ppm w.wt +.+.....	0.07	0.05	0.04	0.07	0.06
CU ppm w.wt +.....	7.70	6.07	7.73	7.56	7.27
PB ppm w.wt +.+.....	<<0.02	<<0.03	<<0.03	<<0.04	<<0.03
ZN ppb w.wt +.....		<90.7	<<67.0	<281.7	<146.4
ZN ppm w.wt +.....	21.4	18.9	22.6	27.8	22.7
CB28 ppb w.wt ?..+.....	<<4.4	<<3.9	6.0	<4.8	<<4.8
CB52 ppb w.wt ?..+.....	<8.3	<8.6	27.0n	<12.4	<<14.1
CB101 ppb w.wt ?..+.....	24.0	<19.5	43.3	47.8	<33.7
CB105 ppb w.wt	9.7	<8.5	17.0	24.7	<15.0
CB118 ppb w.wt ?..+.....	26.4	24.0	48.3	61.7	40.1
CB138 ppb w.wt ?..+.....	39.5	37.3	77.1	98.7	63.1
CB153 ppb w.wt ?..+.....	58.4	55.8	106.3	133.6	88.5
CB156 ppb w.wt	<<5.2	<<4.4	8.5	11.7	<<7.4
CB180 ppb w.wt ?..+.....	14.8	15.8	29.6	37.4	24.4
CB209 ppb w.wt	<<4.0	<<3.0	<<3.1	<<2.2	<<3.1
CB Σ7 ppb w.wt +.+.....	<<175	<<169	338	<396	<<269
CB ΣΣ ppb w.wt +.+.....	<<189	<<183	<<366	<<435	<<293
DDEPP ppb w.wt +.+.....	75.8	66.7	55.9	200.6n	99.7
TDEPP ppb w.wt +.+.....	15.4	<13.4	<5.0	71.6	<<26.3
DD Σ4 ppb w.wt +.+.....	91.2	<80.0	<60.9	272.2n	<<126.1
HCHA ppb w.wt +.+.....	<5.4	<5.5	<3.2	<4.4	<<4.6
HCHG ppb w.wt +.+.....	<6.0	<5.8	<3.6	<5.6	<<5.3
HC Σ2 ppb w.wt +.+.....	<10.9	<10.8	<6.3	<9.5	<<9.4
HCB ppb w.wt +.+.....	17.6	<12.4	15.6	15.1	<15.2
QCB ppb w.wt	<<4.0	<<3.0	<<3.0	<<2.0	<<3.0
OCS ppb w.wt	<<4.0	<<3.0	<<3.0	<<2.1	<<3.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 92B Stokken area, Latitude: 64°9.85N Longitude: 9°53.0E

Sampling date (YYMMDD) =>	940207	950100	951001	961115	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	24.00	25.00	25.00	24.75
Age year	4.40	4.25	5.32	6.42	5.10
Count Max	25.00	24.00	25.00	25.00	
Count Min	25.00	24.00	25.00	25.00	
Dry %	19.74	19.78	18.98	19.08	19.40
Lenght.mean mm	612.60	606.88	678.00	676.00	643.37
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00
Tissue weight g				55.67	55.67
Weight g	2377.27	2445.10	3083.36	2950.20	2713.98
B HG ppm w.wt +.+.+.+	0.058	0.087	0.082	0.102n	0.082
Age year	4.40	4.20	5.20	6.42	5.06
Count Max	5.00	5.00	5.00	5.00	
Count Min	5.00	5.00	5.00	3.00	
Dry %	19.74		18.96		19.35
Fat %	0.25	0.12	0.12	0.32	0.20
Lenght.max mm	634.00	641.00	728.00	718.00	680.25
Lenght.mean mm	612.60	601.00	678.00	676.00	641.90
Lenght.min mm	583.00	562.00	634.00	635.00	603.50
No of individ.in sub-sample	5.00	4.80	5.00	5.00	4.95
Tissue weight g				55.67	55.67
Weight g	2377.26	2386.72	3083.38	2949.80	2699.29
HG ppb w.wt +.+.+.+	s<<0.380	<<0.172	<<0.250	<<1.203	<<0.542
ZN ppb w.wt +.+.+.+.+	s<<0.4				s<<0.4
CB28 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
CB52 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1
CB101 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	0.1	0.2	<<0.1
CB105 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	0.1	<<0.1
CB118 ppb w.wt +.+.+.+.+	<0.1	<0.0	0.1	0.2	<<0.1
CB138 ppb w.wt +.+.+.+.+	0.1	0.1	0.1	0.3	0.1
CB153 ppb w.wt +.+.+.+.+	0.1	0.1	0.1	0.4	0.2
CB156 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
CB180 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	0.1	<<0.1
CB209 ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
CB Σ7 ppb w.wt +.+.+.+.+	<<0	<<0	<<1	<<1	<<1
CB ΣΣ ppb w.wt +.+.+.+.+	<<0	<<0	<<1	<<1	<<1
DDEPP ppb w.wt +.+.+.+.+	0.2	0.1	0.2	0.7	0.3
TDEPP ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<0.0	0.1	<<0.1
DD Σ4 ppb w.wt +.+.+.+.+	<<0.3	<<0.1	<0.2	0.8	<<0.4
HCHA ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
HCHG ppb w.wt +.+.+.+.+	s<<0.1	<0.0	<<0.0	0.1	<<0.0
HC Σ2 ppb w.wt +.+.+.+.+	s<<0.2	<<0.1	<<0.0	<<0.0	<<0.0
HCB ppb w.wt +.+.+.+.+	0.1	0.1	0.1	0.1	0.1
QCB ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
OCS ppb w.wt +.+.+.+.+	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 98B Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	921201	931115	941100	951101	961115	971201	981015	990916	000921	010918	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	24.00	25.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	24.73
Age year	4.84	4.17	5.08	7.17	8.26	7.80	6.72	4.24	4.38	4.38	5.56
Count Max	25.00	24.00	25.00	24.00	25.00	25.00	25.00	25.00	25.00	20.00	
Count Min	25.00	16.00	25.00	24.00	25.00	22.00	25.00	25.00	18.00	17.00	
Dry %	61.08	33.26	68.17	75.07	63.76	54.74	68.66	65.02	38.96	34.95	54.27
Fat %	48.87	23.53	59.35	68.11	55.35	44.74	59.32	55.80	22.20	19.14	43.63
Lenght.mean mm	578.40	482.50	535.80	739.17	668.60	614.40	608.20	534.60	427.60	414.71	553.32
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	83.68	18.53	108.36	273.95	94.60	82.93	158.97	69.61	22.53	11.59	85.75
Weight g	2070.24	1071.60	1721.31	3749.85	2391.36	2407.96	2596.16	1647.91	873.44	747.28	1849.88
Weight ppb w.wt	<<144.48										<<144.48
CD ppm w.wt +.+.	0.10n	0.18n	0.04	0.12n	0.43n	0.08	0.07	0.09	0.22n	0.54n	0.38n
CU ppm w.wt +.+.	6.76	8.86	4.52	2.80	8.62	4.42	5.76	7.33	6.07	9.31	9.31
PB ppm w.wt +.+.	<<0.03	<<0.04	<<0.03	<<0.04	<<0.04	<<0.06	<<0.03	<<0.03	<<0.05	<<0.05	<<0.05
ZN ppb w.wt +.+.		s<126.3	78.6	<<76.0	<232.1	271.1	<<126.6	<77.3	<<96.3	<<55.5	s<<126.3
ZN ppm w.wt +.+.	20.7	24.2	15.7	13.6	20.6	21.8	15.1	20.0	27.4	35.9n	35.9n
CB28 ppb w.wt ?..+.	<<6.7	<<2.9	<3.5	<3.2	6.2	5.1	<<7.8	<<3.6	<<1.8	<1.5	<<7.8
CB52 ppb w.wt ?..+.	<15.3	<4.0	9.0	15.4	19.2	7.7	<10.7	<6.4	<<5.2	<2.7	<10.6
CB101 ppb w.wt ?..+.	29.0	16.3	17.3	38.5	49.4	44.0	27.5	38.3	<14.7	<9.7	<27.4
CB105 ppb w.wt	<18.2	9.9	9.6	19.9	30.1	24.1	<<12.5	12.0	13.9	7.0	<15.2
CB118 ppb w.wt ?..+.	54.1	29.6	22.2	48.0	74.3	67.7	<40.0	28.1	41.4	20.2	<41.4
CB138 ppb w.wt ?..+.	74.4	43.3	31.0	66.0	86.6	101.5	54.9	48.0	64.2	35.0	58.9
CB153 ppb w.wt ?..+.	98.8	67.8	43.1	80.1	105.0	136.4	80.5	73.4	110.1	50.7	83.0
CB156 ppb w.wt	<<8.1	5.1	<<3.6	6.9	10.2	<10.3	<<7.9	<<4.6	5.7	2.6	<<6.4
CB180 ppb w.wt ?..+.	<28.5	20.8	11.1	19.3	23.1	34.9	<18.3	<16.5	25.8	12.5	<<21.0
CB209 ppb w.wt	<<5.0	<<2.0	<<3.0	<<3.0	<<2.1	<<1.0	<<7.4	<<3.1	<<1.0	<0.9	<<2.8
CB Σ7 ppb w.wt +.+.	<<306	<<184	<137	<271	364	397	<<236	<<214	<<263	<132	<<244
CB ΣΣ ppb w.wt +.+.	<<333	<<201	<<152	<<300	<<406	<<433	<<247	<<228	<<283	<143	<<266
DDEPP ppb w.wt +.+.	114.3	88.2	50.2	60.3	156.6	203.4n	95.6	54.9	83.4	47.7	94.8
TDEPP ppb w.wt +.+.	<17.9	30.9	14.5	<8.5	64.4	60.8	<22.0	<14.1	<10.2	5.7	<<25.5
DD Σ4 ppb w.wt +.+.	<132.2	119.1	64.8	<68.8	221.0n	264.1n	<117.6	<69.0	<93.6	53.5	<<120.3
HCHA ppb w.wt +.+.	<7.0	<3.7	6.2	<4.2	<5.1	3.8	<<7.4	<3.5	<<1.2	<<0.9	<<5.2
HCHG ppb w.wt +.+.	<<6.3	s<3.5	7.7	<3.2	<6.1	3.2	<<7.6	<4.9	<<1.7	<1.1	<<6.2
HC Σ2 ppb w.wt +.+.	<<12.5	s<7.2	13.8	<7.2	<11.1	7.0	<<10.3	<8.3	<<2.8	<<2.0	<<8.3
HCB ppb w.wt +.+.	21.9n	12.6	12.1	<17.0	33.5n	18.7	15.9	13.2	6.6	3.9	6.6
QCB ppb w.wt	<<5.0	<<2.0	<<3.0	<<3.0	<<2.0	2.3	<<3.7	<<1.8	<<0.5	<<0.3	<<3.7
OCS ppb w.wt	<<5.3	<<2.0	<<3.0	<<3.0	<<2.2	<<1.3	<<3.7	<<1.8	<<1.2	<0.6	<<3.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 98B Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	921201	931115	941100	951101	961115	971201	981015	990916	000921	010918	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	24.00	25.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	24.80
Age year	4.84	4.17	5.08	7.17	8.26	7.80	6.72	4.24	4.38	4.28	5.69
Count Max	25.00	24.00	25.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	
Count Min	25.00	24.00	25.00	24.00	25.00	25.00	25.00	25.00	25.00	25.00	
Dry %	19.19	18.36	19.70	19.30	17.93	19.12	20.17	20.27	18.98	18.18	19.12
Lenght.mean mm	578.40	482.50	535.80	739.17	668.60	614.40	608.20	534.60	427.60	407.52	559.68
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g				231.10	59.24	48.47	59.80	20.14	34.16	25.66	68.37
Weight g	2070.24	1071.60	1721.31	3749.85	2391.36	2407.96	2596.16	1647.91	873.44	721.92	1925.17
B HG ppm w.wt +.+.+.+	0.077	0.079	0.076	0.083	0.048	0.120n	0.096	0.055	0.104n	0.071	0.104n
Age year	4.80	4.20	5.00	7.20	8.28	7.80	6.72	4.24	4.16	4.28	5.67
Count Max	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Count Min	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	
Dry %		18.38		19.30							18.84
Fat %	0.32	0.19	0.20	0.20	0.18	0.29	0.32	0.37	0.32	0.35	0.28
Lenght.max mm	597.00	504.00	543.00	764.00	687.00	684.00	630.00	554.00	452.00	442.00	585.70
Lenght.mean mm	578.40	478.60	535.80	743.60	668.60	614.40	608.20	534.60	427.60	407.52	559.73
Lenght.min mm	560.00	456.00	528.00	714.00	653.00	555.00	584.00	511.00	398.00	374.00	533.30
No of individ.in sub-sample	5.00	4.80	5.00	4.80	5.00	5.00	5.00	5.00	5.00	5.00	4.96
Tissue weight g					59.24	47.98	59.80		34.16	25.66	45.37
Weight g	2070.24	1049.62	1721.32	3833.86	2391.36	2408.00	2596.20	1647.78	873.46	721.92	1931.38
HG ppb w.wt +.+.+.+	<<0.760	<<0.733	<<0.198	<<0.080	<<0.303	<<0.840	<<0.370	<<0.210	<<0.498	<<0.464	<<0.626
ZN ppb w.wt +.+.+.+.+	<<0.8										<<0.8
CB28 ppb w.wt +.+.+.+.+	<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.0	<<0.1
CB52 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.0	0.0	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1
CB101 ppb w.wt +.+.+.+.+	<0.1	0.1	<<0.0	0.1	0.1	0.2	0.1	0.2	<0.1	0.1	<<0.1
CB105 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.0	<<0.0	0.1	0.1	<<0.1	<<0.1	<0.1	0.1	<<0.1
CB118 ppb w.wt +.+.+.+.+	0.2	0.2	<<0.0	0.1	0.1	0.2	0.1	0.1	0.3	0.2	<0.2
CB138 ppb w.wt +.+.+.+.+	0.3	0.2	<0.0	0.1	0.1	0.4	0.1	0.1	0.5	0.4	<0.2
CB153 ppb w.wt +.+.+.+.+	0.3	0.3	<0.0	0.1	0.2	0.5	0.2	0.2	0.8	0.6	<0.3
CB156 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.0	<<0.1
CB180 ppb w.wt +.+.+.+.+	<<0.1	0.1	<<0.0	<<0.0	<<0.0	0.1	<<0.1	<<0.1	<0.2	0.1	<<0.1
CB209 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.0	<<0.1
CB Σ7 ppb w.wt +.+.+.+.+	<<1	<<1	<<0	<<0	<<1	<<2	<<1	<<1	<<2	<<1	<<1
CB ΣΣ ppb w.wt +.+.+.+.+	<<1	<<1	<<0	<<0	<<1	<<2	<<1	<<1	<<2	<<1	<<1
DDEPP ppb w.wt +.+.+.+.+	0.5	0.5	0.1	0.0	0.3	0.6	0.3	0.1	0.4	0.4	0.3
TDEPP ppb w.wt +.+.+.+.+	<0.2	0.1	<<0.0	<<0.0	0.1	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
DD Σ4 ppb w.wt +.+.+.+.+	<0.7	0.6	<<0.1	<<0.1	0.4	0.7	<<0.3	<<0.2	<<0.5	<<0.5	<<0.4
HCHA ppb w.wt +.+.+.+.+	<<0.1	<<0.1	0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.0	<<0.1
HCHG ppb w.wt +.+.+.+.+	<<0.1	<<0.1	0.1	<<0.0	0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.0	<<0.1
HC Σ2 ppb w.wt +.+.+.+.+	<<0.1	<<0.1	0.1	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.1
HCB ppb w.wt +.+.+.+.+	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2
QCB ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
OCS ppb w.wt +.+.+.+.+	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 43B Kvænangen, Latitude: 70°9.0N Longitude: 21°22.0E

Sampling date (YYMMDD) =>	950200	960215	961031	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	25.00	25.00
Age year	6.12	7.32	5.90	6.45
Count Max	25.00	25.00	25.00	
Count Min	23.00	24.00	25.00	
Dry %	65.05	70.57	68.48	68.03
Fat %	56.03	62.02	60.72	59.59
Lenght.mean mm	587.40	660.00	588.80	612.07
No of individ.in sub-sample	1.00	1.00	1.00	1.00
Tissue weight g	72.43	158.21	102.39	111.01
Weight g	1923.67	2834.79	2068.60	2275.69
Weight ppb w.wt	<<188.28			<<188.28
CD ppm w.wt +.+.	0.22n	0.20n	0.14n	0.19n
CU ppm w.wt +.	7.07	6.38	5.42	6.29
PB ppm w.wt +.+.	<<0.03	<<0.03	<<0.03	<<0.03
ZN ppb w.wt +.		<<89.9	<101.8	<95.8
ZN ppm w.wt +.	20.4	15.4	16.7	17.5
CB28 ppb w.wt ?..+.	<5.6	<4.4	<2.2	<<4.0
CB52 ppb w.wt ?..+.	13.8	18.0	5.3	12.4
CB101 ppb w.wt ?..+.	42.0	48.7	16.1	35.6
CB105 ppb w.wt	27.2	29.7	8.6	21.9
CB118 ppb w.wt ?..+.	76.7	83.3	23.0	61.0
CB138 ppb w.wt ?..+.	100.5	100.0	36.3	78.9
CB153 ppb w.wt ?..+.	125.6	117.3	51.6	98.2
CB156 ppb w.wt	<10.2	10.9	4.0	<<8.4
CB180 ppb w.wt ?..+.	32.1	26.4	13.2	23.9
CB209 ppb w.wt	<<3.1	<<3.0	<<2.0	<<2.7
CB Σ7 ppb w.wt +.+.	<396	<395	<148	<<313
CB ΣΣ ppb w.wt +.+.	<<436	<<438	<<162	<<345
DDEPP ppb w.wt +.+.	148.7	71.9	69.1	96.6
TDEPP ppb w.wt +.+.	31.6	<10.2	22.8	<<21.5
DD Σ4 ppb w.wt +.+.	180.4	<82.1	91.9	<<118.1
HCHA ppb w.wt +.+.	<<5.0	<5.0	<5.3	<<5.1
HCHG ppb w.wt +.+.	<3.5	<<3.4	<4.7	<<3.9
HC Σ2 ppb w.wt +.+.	<<7.9	<<8.0	<9.9	<<8.6
HCB ppb w.wt +.+.	<17.9	<16.9	12.2	<<15.7
QCB ppb w.wt	<<3.0	<<4.3	<<2.0	<<3.1
OCS ppb w.wt	<<3.2	<<3.0	<<2.0	<<2.7

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 43B Kvænangen, Latitude: 70°9.0N Longitude: 21°22.0E

Sampling date (YYMMDD) =>	950200	960215	961031	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	25.00	25.00
Age year	6.12	7.32	5.90	6.45
Count Max	25.00	25.00	25.00	
Count Min	25.00	25.00	25.00	
Dry %	19.58	19.67	19.36	19.54
Lenght.mean mm	587.40	660.00	588.80	612.07
No of individ.in sub-sample	1.00	1.00	1.00	1.00
Tissue weight g			54.82	54.82
Weight g	1923.67	2834.79	2068.60	2275.69
B HG ppm w.wt +.+.+.+	0.069	0.060	0.050	0.060
Age year	6.20	7.40	5.90	6.50
Count Max	5.00	5.00	5.00	
Count Min	5.00	5.00	4.00	
Dry %		19.68		19.68
Fat %	0.27	0.28	0.37	0.30
Lenght.max mm	608.00	682.00	609.00	633.00
Lenght.mean mm	587.40	660.00	588.80	612.07
Lenght.min mm	568.00	636.00	568.00	590.67
No of individ.in sub-sample	5.00	5.00	5.00	5.00
Tissue weight g			54.82	54.82
Weight g	1923.66	2834.78	2068.28	2275.57
HG ppb w.wt +.+.+.+	<<0.358	s0.506	<<0.263	<<0.294
ZN ppb w.wt +.+.+.+.+	<<0.4			<<0.4
CB28 ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.0
CB52 ppb w.wt +.+.+.+.+	<<0.0	0.1	<<0.0	<<0.0
CB101 ppb w.wt +.+.+.+.+	0.1	0.1	0.0	0.1
CB105 ppb w.wt +.+.+.+.+	0.0	0.1	<0.0	<<0.1
CB118 ppb w.wt +.+.+.+.+	0.1	0.2	0.1	0.1
CB138 ppb w.wt +.+.+.+.+	0.2	0.2	0.1	0.2
CB153 ppb w.wt +.+.+.+.+	0.2	0.2	0.1	0.2
CB156 ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.0
CB180 ppb w.wt +.+.+.+.+	<0.0	0.0	<<0.0	<<0.0
CB209 ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.0
CB Σ7 ppb w.wt +.+.+.+.+	<<1	<<1	<<0	<<1
CB ΣΣ ppb w.wt +.+.+.+.+	<<1	<<1	<<0	<<1
DDEPP ppb w.wt +.+.+.+.+	0.3	0.3	0.1	0.2
TDEPP ppb w.wt +.+.+.+.+	0.1	0.1	0.0	0.1
DD Σ4 ppb w.wt +.+.+.+.+	0.3	0.3	0.2	0.3
HCHA ppb w.wt +.+.+.+.+	<<0.0	0.0	<<0.0	<<0.0
HCHG ppb w.wt +.+.+.+.+	<<0.0	s0.1	0.1	<<0.0
HC Σ2 ppb w.wt +.+.+.+.+	<<0.0	s0.2	<<0.1	<<0.1
HCb ppb w.wt +.+.+.+.+	0.1	0.1	0.1	0.1
QCB ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.0
OCS ppb w.wt +.+.+.+.+	<<0.0	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 46B Hammerfest area, Latitude: 70°50.0N Longitude: 23°44.0E

Sampling date (YYMMDD) =>		950216	960201	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
I	no in sample	24.00	25.00	24.50
	Age year	6.00	6.08	6.04
	Count Max	24.00	25.00	
	Count Min	23.00	25.00	
	Dry %	61.33	61.86	61.60
	Fat %	49.23	50.58	49.91
	Lenght.mean mm	583.54	599.40	591.47
	No of individ.in sub-sample	1.00	1.00	1.00
	Tissue weight g	66.76	72.12	69.44
	Weight g	1807.34	1819.20	1813.27
	Weight ppb w.wt	<<103.68		<<103.68
	CD ppm w.wt +..+....	0.28n	0.47n	0.37n
	CU ppm w.wt +.....	6.21	8.31	7.26
	PB ppm w.wt +..+....	<<0.04	<<0.02	<<0.03
	ZN ppb w.wt +.....		<<45.7	<45.7
	ZN ppm w.wt +.....	22.0	22.5	22.3
	CB28 ppb w.wt ?..+....	<<3.7	<<3.2	<<3.4
	CB52 ppb w.wt ?..+....	9.4	10.6	10.0
	CB101 ppb w.wt ?..+....	21.8	23.3	22.5
	CB105 ppb w.wt	12.0	11.7	11.8
	CB118 ppb w.wt ?..+....	37.2	32.9	35.0
	CB138 ppb w.wt ?..+....	48.5	50.4	49.4
	CB153 ppb w.wt ?..+....	66.9	68.4	67.7
	CB156 ppb w.wt	<5.8	<5.0	<<5.4
	CB180 ppb w.wt ?..+....	17.8	16.0	16.9
	CB209 ppb w.wt	<<3.0	<<3.2	<<3.1
	CB Σ7 ppb w.wt +..+....	<205	<<205	<<205
	CB ΣΣ ppb w.wt +..+....	<<225	<<223	<<224
	DDEPP ppb w.wt +..+....	79.9	35.8	57.8
	TDEPP ppb w.wt +..+....	14.2	<<4.7	<<9.4
	DD Σ4 ppb w.wt +..+....	94.3	<<40.5	<<67.4
	HCHA ppb w.wt +..+....	<<5.1	<4.2	<<4.7
	HCHG ppb w.wt +..+....	<3.5	<<3.0	<<3.2
	HC Σ2 ppb w.wt +..+....	<<8.0	<<6.6	<<7.3
	HCB ppb w.wt +..+....	12.1	<13.2	<<12.6
	QCB ppb w.wt	<<3.0	<<3.0	<<3.0
	OCS ppb w.wt	<<3.0	<<3.0	<<3.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 46B Hammerfest area, Latitude: 70°50.0N Longitude: 23°44.0E

Sampling date (YYMMDD) =>		950216	960201	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
I	no in sample	24.00	25.00	24.50
	Age year	6.00	6.08	6.04
	Count Max	24.00	25.00	
	Count Min	24.00	25.00	
	Dry %	18.58	18.70	18.64
	Lenght.mean mm	583.54	599.40	591.47
	No of individ.in sub-sample	1.00	1.00	1.00
	Weight g	1807.34	1819.20	1813.27
B	HG ppm w.wt +..+..+	0.038	0.048	0.043
	Age year	6.00	6.20	6.10
	Count Max	5.00	5.00	
	Count Min	5.00	5.00	
	Dry %		18.68	18.68
	Fat %	0.21	0.36	0.29
	Lenght.max mm	597.00	622.00	609.50
	Lenght.mean mm	580.00	599.40	589.70
	Lenght.min mm	561.00	575.00	568.00
	No of individ.in sub-sample	4.80	5.00	4.90
	Weight g	1781.30	1819.22	1800.26
	HG ppb w.wt +..+..+	<<0.268	<<0.030	<<0.109
	ZN ppb w.wt +.....	<<0.3		<<0.3
	CB28 ppb w.wt ...+....	<<0.0	<<0.0	<<0.0
	CB52 ppb w.wt ...+....	<<0.0	0.2	<<0.1
	CB101 ppb w.wt ...+....	0.0	0.1	0.1
	CB105 ppb w.wt	<<0.0	0.1	<<0.1
	CB118 ppb w.wt ...+....	0.1	0.3	0.2
	CB138 ppb w.wt ...+....	0.1	0.3	0.2
	CB153 ppb w.wt ...+....	0.1	0.3	0.2
	CB156 ppb w.wt	<<0.0	0.0	<<0.0
	CB180 ppb w.wt ...+....	<<0.0	0.1	<<0.1
	CB209 ppb w.wt	<<0.0	<<0.0	<<0.0
	CB Σ7 ppb w.wt ...+....	<<0	<<1	<<1
	CB ΣΣ ppb w.wt ...+....	<<0	<<1	<<1
	DDEPP ppb w.wt ...+....	0.2	<<0.0	<<0.1
	TDEPP ppb w.wt ...+....	<0.0	<<0.0	<<0.0
	DD Σ4 ppb w.wt ...+....	<0.2	<<0.0	<<0.1
	HCHA ppb w.wt ...+....	0.0	<<0.0	<<0.0
	HCHG ppb w.wt ...+....	<<0.0	<<0.0	<<0.0
	HC Σ2 ppb w.wt ...+....	<<0.1	<<0.0	<<0.0
	HCB ppb w.wt ...+....	0.1	0.3n	0.2n
	QCB ppb w.wt	<<0.0	<0.0	<<0.0
	OCS ppb w.wt	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 10B Varangerfjorden, Latitude: 69°56.0N Longitude: 29°40.0E

Sampling date (YYMMDD) =>	941130	951115	970215	971115	981203	990929	000918	010915	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	21.00	25.00	25.00	23.00	25.00	25.00	25.00	25.00	24.25
Age year	6.90	6.20	6.18	6.91	6.32	3.88	2.68	2.40	5.18
Count Max	21.00	25.00	25.00	23.00	25.00	25.00	25.00	25.00	
Count Min	21.00	25.00	25.00	23.00	25.00	25.00	23.00	20.00	
Dry %	47.42	57.52	58.44	52.29	60.53	58.41	63.15	60.52	57.29
Fat %	32.47	44.38	51.07	40.15	51.92	45.39	42.25	48.20	44.48
Lenght.mean mm	557.14	557.40	499.60	522.39	478.20	502.60	335.40	336.92	473.71
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g	37.27	49.10	50.05	33.42	46.96	31.11	9.54	9.31	33.34
Weight g	1682.58	1618.61	1202.60	1241.43	1100.48	1061.84	331.60	332.09	1071.40
Weight ppb w.wt	<<279.86								<<279.86
CD ppm w.wt +.+.	0.25n	0.23n	0.14n	0.20n	0.14n	0.22n	0.18n	0.15n	0.20n
CU ppm w.wt +.+.	9.48	7.29	4.76	6.26	5.48	3.93	3.24	4.14	6.74
PB ppm w.wt +.+.	<<0.03	<<0.02	<<0.04	<<0.04	<<0.04	<<0.03	<<0.04	<<0.04	<<0.04
ZN ppb w.wt +.+.		<<196.1	<133.6	138.9	<<88.9	<135.8	<<46.7	53.1	53.1
ZN ppm w.wt +.+.	30.3n	23.0	18.2	23.4	19.3	18.9	19.9	24.3	22.2
CB28 ppb w.wt ?..+.	<<4.8	<<4.4	3.1	3.5	<<6.9	4.6	<<2.3	2.5	2.5
CB52 ppb w.wt ?..+.	<15.8	30.0n	9.7	<2.8	<<9.9	13.0	4.7	5.6	5.6
CB101 ppb w.wt ?..+.	<59.9n	132.2n	42.2	25.5	26.2	64.2n	12.4	15.4	<47.2
CB105 ppb w.wt	46.7	101.1	41.5	14.5	<11.3	18.2	6.2	7.9	<30.9
CB118 ppb w.wt ?..+.	139.5n	342.3n	99.7	38.0	34.6	46.5	15.9	20.0	92.1
CB138 ppb w.wt ?..+.	198.2n	655.4n	123.0	52.6	40.9	56.2	22.8	27.1	147.0
CB153 ppb w.wt ?..+.	246.6n	707.1n	126.4	56.6	48.5	68.3	32.8	33.0	164.9
CB156 ppb w.wt	<21.8	52.0	15.6	5.0	<<7.1	<4.7	<<2.4	<2.1	<<13.8
CB180 ppb w.wt ?..+.	67.4n	158.4n	27.3	13.1	<<10.1	15.2	<6.8	7.5	<38.2
CB209 ppb w.wt	<<3.0	<<3.8	<<2.0	<<1.4	<<6.8	<<2.0	<<2.1	<<1.5	<<2.8
CB Σ7 ppb w.wt +.+.	<<732n	<<2030n	431	<192	<<173	268	<<98	111	<<504n
CB ΣΣ ppb w.wt +.+.	<<802	<<2186n	<<490	<<213	<<183	<<293	<<105	<<122	<<549
DDEPP ppb w.wt +.+.	238.2n	181.6	98.1	96.7	61.4	91.4	35.3	39.0	105.2
TDEPP ppb w.wt +.+.	<36.0	<<10.0	31.2	35.0	<20.0	37.2	6.9	8.7	<<23.1
DD Σ4 ppb w.wt +.+.	<274.2n	<<191.6	129.3	131.6	<81.4	128.6	42.3	47.7	<<128.3
HCHA ppb w.wt +.+.	<<4.0	<<3.2	<5.5	4.4	<<7.3	<3.2	<<2.4	2.6	2.6
HCHG ppb w.wt +.+.	<<3.3	<<3.0	<3.6	2.8	<<6.8	4.0	<2.5	2.8	2.8
HC Σ2 ppb w.wt +.+.	<<5.8	<<4.9	<8.8	7.3	<<7.8	<7.2	<<4.4	5.4	<<6.5
HCB ppb w.wt +.+.	<14.9	<10.4	16.7	17.2	<16.6	23.8n	8.4	10.2	8.4
QCB ppb w.wt	<<3.0	<<3.0	<<2.0	<<1.7	<<3.4	<<1.8	<<1.1	<<0.8	<<2.6
OCS ppb w.wt	<<3.4	<<3.6	<<2.0	<<1.7	<<3.4	2.7	<<2.2	<1.0	<<3.4

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 10B Varangerfjorden, Latitude: 69°56.0N Longitude: 29°40.0E

Sampling date (YYMMDD) =>	941130	951115	970215	971115	981203	990929	000918	010915	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	21.00	25.00	25.00	23.00	25.00	25.00	25.00	25.00	24.25
Age year	6.90	6.20	6.18	6.91	6.32	3.88	2.68	2.40	5.18
Count Max	21.00	25.00	25.00	23.00	25.00	25.00	25.00	25.00	
Count Min	1.00	25.00	25.00	23.00	25.00	25.00	25.00	25.00	
Dry %	18.33	19.32	19.41	19.41	20.43	19.74	19.45	19.89	19.50
Fat %	0.26								0.26
Lenght.mean mm	557.14	557.40	499.60	522.39	478.20	502.60	335.40	336.92	473.71
No of individ.in sub-sample	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tissue weight g			54.58	53.78	58.71	55.63	19.43	21.01	43.86
Weight g	1682.58	1618.61	1202.60	1241.43	1100.48	1061.84	331.60	332.09	1071.40
HG ppm w.wt +.+.+.+	0.060	0.048	0.044	0.018	0.019	0.025	0.013	0.011	0.039
CB28 ppb w.wt ...+....	<<0.0								<<0.0
CB52 ppb w.wt ...+....	0.1								0.1
CB101 ppb w.wt ...+....	0.2								0.2
CB105 ppb w.wt+.	0.1								0.1
CB118 ppb w.wt ...+....	0.3								0.3
CB138 ppb w.wt ...+....	0.4								0.4
CB153 ppb w.wt ...+....	0.4								0.4
CB156 ppb w.wt+.	0.1								0.1
CB180 ppb w.wt ...+....	0.1								0.1
CB209 ppb w.wt+.	<<0.0								<<0.0
CB Σ7 ppb w.wt +.+.+.+	<<2								<<2
CB ΣΣ ppb w.wt +.+.+.+	<<2								<<2
DDEPP ppb w.wt +.+.+.+	0.7								0.7
TDEPP ppb w.wt +.+.+.+	0.2								<<0.6
DD Σ4 ppb w.wt +.+.+.+	0.9								0.9
HCHA ppb w.wt +.+.+.+	0.0								0.0
HCHG ppb w.wt +.+.+.+	<<0.0								<<0.0
HC Σ2 ppb w.wt +.+.+.+	<<0.1								<<0.1
HCB ppb w.wt +.+.+.+	0.2								0.2
QCB ppb w.wt+.	<<0.0								<<0.0
OCS ppb w.wt+.	<<0.0								<<0.0
B Age year	7.00	6.20	6.18	6.95	6.32	3.89	2.68	2.40	5.20
Count Max	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	
Count Min	4.00	5.00	3.00	4.00	5.00	5.00	1.00	5.00	
Dry %		19.34							19.34
Fat %	0.30	0.30	0.26	0.32	0.44	0.43	0.43	0.49	0.37
Lenght.max mm	607.50	584.00	524.00	548.75	505.00	548.00	354.00	361.00	504.03
Lenght.mean mm	563.75	557.40	499.60	526.50	478.20	502.60	335.40	336.92	475.05
Lenght.min mm	527.50	529.00	482.00	496.25	461.00	482.00	320.00	323.40	452.64
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Tissue weight g			54.55	53.97	58.71	55.41	19.43	21.01	43.85
Weight g	1736.57	1618.62	1202.48	1244.10	1100.50	1063.84	331.60	332.09	1078.73
HG ppb w.wt +.+.+.+		<1.822	<<0.276	<<0.625	<<0.432	<<0.496	<<0.212	<<0.254	<<0.625
ZN ppb w.wt+.	<<1.8								<<1.8
CB28 ppb w.wt ...+....	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1
CB52 ppb w.wt ...+....	0.1	0.1	<<0.0	<<0.1	0.1	0.1	<<0.0		<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GADU MOR, Gadus morhua, GB: Cod N: Torsk

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 10B Varangerfjorden, Latitude: 69°56.0N Longitude: 29°40.0E

Sampling date (YYMMDD) =>				941130	951115	970215	971115	981203	990929	000918	010915	Mean
Sample Param (w,d,l):	No.	Fo.	Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
CB101	ppb	w.wt	...+....	0.3	0.3	0.1	0.1	0.1	0.5	0.1	0.1	0.2
CB105	ppb	w.wt	.....	0.3	0.3	0.1	<0.1	0.1	0.1	<0.0	<<0.1	<<0.1
CB118	ppb	w.wt	...+....	0.8	0.8	0.2	0.2	0.2	0.2	0.1	0.1	0.3
CB138	ppb	w.wt	...+....	1.1	1.4	0.2	0.2	0.2	0.3	0.1	0.1	0.5
CB153	ppb	w.wt	...+....	1.2	1.5	0.2	0.2	0.2	0.3	0.2	0.2	0.5
CB156	ppb	w.wt	.....	0.1	0.1	<<0.0	<<0.1	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1
CB180	ppb	w.wt	...+....	0.3	0.3	<<0.0	<0.1	<0.0	<0.1	<0.0	<<0.1	<<0.1
CB209	ppb	w.wt	.....	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.1	<<0.1	<<0.0
CB Σ7	ppb	w.wt	+..+....	<<4	<<4	<<1	<<1	<<1	<<1	<<1	<<1	<<2
CB ΣΣ	ppb	w.wt	+..+....	<<4	<<5	<<1	<<1	<<1	<<2	<<1	<<1	<<2
DDEPP	ppb	w.wt	+..+....	1.5n	1.4n	0.2	0.4	0.3	0.4	0.2	0.2	0.6
TDEPP	ppb	w.wt	+..+....	0.2	0.2	0.1	0.1	0.1	0.1	<<0.1	<<0.1	<<0.3
DD Σ4	ppb	w.wt	+..+....	1.7n	1.6n	0.2	0.5	0.4	0.4	<<0.2	<<0.3	<0.7
HCHA	ppb	w.wt	+..+....	<0.0	<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1
HCHG	ppb	w.wt	+..+....	<<0.0	0.2	<<0.0	<<0.1	<<0.0	<0.0	<<0.0	<<0.1	<<0.1
HC Σ2	ppb	w.wt	+..+....	<<0.1	<0.2	<<0.0	<<0.1	<<0.1	<<0.0	<<0.0	<<0.1	<<0.1
HCB	ppb	w.wt	+..+....	0.2	0.1	0.1	0.2n	0.2	0.3n	0.1	0.1	0.3n
QCB	ppb	w.wt	.....	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
OCS	ppb	w.wt	.....	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe
Sampl.area : J26 Oslofjorden, Tissue: Liver
Locality : 31B Solbergstrand, Latitude: 59°36.90N Longitude: 10°39.40E

Sampling date (YYMMDD) =>		811223
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	8.00
	Age year	4.38
	Count Max	8.00
	Count Min	8.00
	Dry %	33.62
	Fat %	13.21
	Lenght.mean mm	381.25
	No of individ.in sub-sample	1.00
	Tissue weight g	7.63
	Weight g	469.38
	CD ppm w.wt ?..+....	0.31n
	PCB ppb w.wt ?..+....	1068n

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe
Sampl.area : J26 Oslofjorden, Tissue: Fillet
Locality : 31B Solbergstrand, Latitude: 59°36.90N Longitude: 10°39.40E

Sampling date (YYMMDD) =>		811223
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	8.00
	Age year	4.38
	Count Max	8.00
	Count Min	8.00
	Dry %	20.69
	Fat %	0.86
	Lenght.mean mm	381.25
	No of individ.in sub-sample	1.00
	Weight g	469.38
	CD ppm w.wt +..+..+	<0.02
	HG ppm w.wt +..+..+	0.077
	PCB ppb w.wt ?..+....	60n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 33B Sande (east side), Latitude: 59°31.70N Longitude: 10°21.0E

Sampling date (YYMMDD) =>	831229	851113	861119	871110	881001	891018	901113	911023	921012	931001	941000	951015	961001	961101
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	22.00	26.00	25.00	18.00	25.00	23.00	25.00	25.00	25.00	25.00	25.00	25.00
Age year	2.76													
Count Max	25.00													
Count Min	23.00													
Dry %	29.04													
Fat %	6.08													
Lenght.mean mm	270.80													
No of individ.in sub-sample	1.00													
Weight g	212.80													
Weight ppm w.wt	<<0.06													
CD ppm w.wt	0.22f													
PCB ppb w.wt	<179n													
DDEPP ppb w.wt	<<56.8n													
DD Σ4 ppb w.wt	<<56.8n													
HCB ppb w.wt	<<10.0n													
B Age year							4.20	2.60	4.20	5.00	4.80	5.00	4.60	4.80
Count Max							5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Count Min							5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Dry %							24.58	22.92	31.00	28.80	28.26	28.26	26.30	23.84
Fat %							6.54	6.18	14.86	13.44	11.20	11.84	9.82	8.54
Lenght.max mm							327.00	280.00	293.00	309.00	279.00	291.00	306.00	308.00
Lenght.mean mm							320.80	274.00	282.60	296.40	274.80	284.20	296.20	301.00
Lenght.min mm							317.00	263.00	271.00	287.00	267.00	278.00	287.00	294.00
No of individ.in sub-sample							5.00	4.60	5.00	5.00	5.00	5.00	5.00	5.00
Tissue weight g							6.98	3.70	3.78	6.30	5.00	4.53	4.91	5.46
Weight g							349.60	215.60	257.88	315.16	258.62	283.06	297.92	314.12
CD ppm w.wt							0.21f	0.21f	0.20f	0.17f	0.10	0.09	0.11f	0.11f
CU ppm w.wt							23.00	19.80	15.88	19.78	18.74	12.80	14.40	12.78
PB ppm w.wt							0.25	0.36n	0.08	0.04	<<0.03	<0.02	<<0.04	<<0.03
ZN ppb w.wt							28.8	<<15.8	<<30.4	<18.4	20.0	<<12.2	<<10.9	18.6
ZN ppm w.wt							70.3n	47.0	45.2	50.6	48.5	38.4	46.2	49.4
CB28 ppb w.wt							2.6	<1.4	<<5.0	<<2.4	4.8	17.4n	3.9	7.7
CB52 ppb w.wt							3.2	2.2	<7.2	5.4	4.6	7.6	2.1	4.3
CB101 ppb w.wt							5.2	3.3	12.4	10.2	5.8	7.4	2.5	4.8
CB105 ppb w.wt									7.6	5.4	3.8	4.6	1.9	3.2
CB118 ppb w.wt							8.6	6.1	20.6	14.4	9.0	10.4	4.1	6.9
CB138 ppb w.wt							10.8	8.6	23.4	17.4	11.6	12.6	4.7	8.1
CB153 ppb w.wt							14.6	9.4	32.0	24.6	16.8	17.6	6.0	10.8
CB156 ppb w.wt									<<5.0	<<2.2	1.4	1.2	<<0.6	0.9
CB180 ppb w.wt							3.8	3.6	7.2	5.6	5.0	4.2	1.6	2.8
CB209 ppb w.wt							<<1.0	<<0.5	<<5.0	<<1.0	<<1.0	<<1.0	<<0.5	<<0.5
CB Σ7 ppb w.wt							49	<35	<<107n	<<88	58	77	25	45
CB ΣΣ ppb w.wt							<<50	<<35	<<115n	<<88	<<64	<<84	<<28	<<50
DDEPP ppb w.wt							22.2	10.7	25.4	11.8	15.0	9.0	7.1	11.9
TDEPP ppb w.wt								2.9	<<5.0	<4.0	2.2	<<1.0	<2.0	3.8
DD Σ4 ppb w.wt							22.2	13.5	<<30.4n	<15.8	17.2	<<10.0	<9.1	15.7
HCHA ppb w.wt							4.8	1.4	<<5.0	<1.2	1.2	1.0	<<0.6	0.8

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 33B Sande (east side), Latitude: 59°31.70N Longitude: 10°21.0E

Sampling date (YYMMDD) =>	961201	971015	971115	971215	981015	981115	981215	000120	001025	011025	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	23.00	25.00	25.00	14.00	25.00	25.00	25.00	25.00	24.00
Age year											2.76
Count Max											
Count Min											
Dry %											29.04
Fat %											6.08
Lenght.mean mm											270.80
No of individ.in sub-sample											1.00
Weight g											212.80
Weight ppm w.wt											<0.06
CD ppm w.wt ?..+....											0.22f
PCB ppb w.wt ?..+....											<<179n
DDEPP ppb w.wt ?..+....											<<56.8n
DD Σ4 ppb w.wt ?..+....											<<56.8n
HCB ppb w.wt ?..+....											<<10.0n
B Age year	4.80	5.40	5.20	5.32	4.80	4.67	4.76	2.84	3.04	3.20	4.34
Count Max	5.00	5.00	5.00	5.00	5.00	3.00	5.00	5.00	5.00	5.00	
Count Min	5.00	5.00	5.00	5.00	5.00	3.00	5.00	5.00	5.00	5.00	
Dry %	27.52	27.62	24.96	23.08	21.84	26.07	20.88	24.64	34.72	35.86	27.21
Fat %	9.90	10.18	6.90	5.80	6.03	10.89	4.30	5.75	19.08	19.80	10.57
Lenght.max mm	332.00	298.00	307.00	311.00	301.00	313.33	289.00	333.60	322.00	323.00	307.68
Lenght.mean mm	316.00	294.60	301.00	303.60	287.60	302.00	281.60	325.40	311.80	312.80	298.91
Lenght.min mm	303.00	292.00	296.00	297.00	278.00	291.67	275.00	316.20	301.00	299.00	290.10
No of individ.in sub-sample	5.00	5.00	4.60	5.00	5.00	4.67	5.00	5.00	5.00	5.00	4.94
Tissue weight g	7.58	3.72	4.88	6.42	4.37	7.04	3.96	6.78	8.04	6.84	5.64
Weight g	396.12	295.44	305.30	316.84	291.22	332.60	274.16	390.08	401.72	401.27	320.95
CD ppm w.wt ?..+....	0.12f	0.10f	0.13f	0.13f	0.12f	0.09	0.10f	0.15f	0.07	0.10f	0.20f
CU ppm w.wt ?..+....	13.50	15.00	17.46	15.42	16.40	19.33	12.47	16.10	13.62	12.32	19.55
PB ppm w.wt ?..+....	<<0.04	<<0.04	<<0.04	<<0.04	<<0.04	<<0.04	<<0.04	<<0.07	<<0.04	<<0.04	<<0.15
ZN ppb w.wt ?..+....	<23.5	20.2	17.5	12.3	10.0	18.2	10.1	13.2	36.4	36.3	36.4
ZN ppm w.wt ?..+....	54.5	45.6	44.1	42.3	48.7	48.6	38.9	42.1	47.1	47.0	54.2
CB28 ppb w.wt ?..+....	14.3n	9.0	8.1	1.9	4.6	6.8	2.1	3.6	7.9	5.9	7.9
CB52 ppb w.wt ?..+....	6.6	<<1.8	2.0	1.1	3.2	4.5	1.7	3.9	7.3	15.0n	7.3
CB101 ppb w.wt ?..+....	6.5	5.1	3.3	2.3	3.6	5.0	2.2	7.4	7.5	15.6	6.6
CB105 ppb w.wt	4.9	4.1	2.9	2.0	2.7	3.8	1.9	3.8	6.2	11.5	4.8
CB118 ppb w.wt ?..+....	10.2	8.9	6.3	4.0	6.3	8.6	4.1	9.8	13.1	26.4	10.8
CB138 ppb w.wt ?..+....	11.1	12.7	9.3	7.0	8.4	13.6	6.1	14.6	19.4	27.4	13.4
CB153 ppb w.wt ?..+....	14.4	13.7	10.6	7.9	10.1	17.3	6.9	16.1	26.4	34.0	17.0
CB156 ppb w.wt	1.3	1.2	<0.9	<<0.7	<0.6	0.9	0.4	1.0	1.6	2.8	<<1.5
CB180 ppb w.wt ?..+....	4.0	3.6	2.8	1.9	2.3	4.3	1.7	3.9	7.5	8.0	4.3
CB209 ppb w.wt	<<0.5	<<0.5	<<0.5	<<0.5	<<0.1	<<0.2	<<0.2	<<0.2	<<1.2	<<0.7	<<0.8
CB Σ7 ppb w.wt ?..+....	67	<<55	42	26	39	60	25	59	89	158n	<66
CB ΣΣ ppb w.wt ?..+....	<<74	<<60	<<47	<<29	<<42	<<65	<<27	<<64	<<98	<<174n	<<72
DDEPP ppb w.wt ?..+....	14.8	13.6	11.2	7.5	6.9	13.3	10.0	27.2	27.2	27.6	14.7
TDEPP ppb w.wt ?..+....	5.3	3.3	3.2	2.4	1.5	2.1	1.9	2.0	5.6	6.3	<3.4
DD Σ4 ppb w.wt ?..+....	20.1	16.9	14.3	9.9	8.4	15.5	8.9	12.0	32.8n	33.9n	<17.9
HCHA ppb w.wt ?..+....	<1.0	1.2	1.2	0.8	0.6	1.1	0.4	0.5	1.4	0.9	2.6

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 33B Sande (east side), Latitude: 59°31.70N Longitude: 10°21.0E

Sampling date (YYMMDD) =>				831229	851113	861119	871110	881001	891018	901113	911023	921012	931001	941000	951015	961001	961101
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
	HCHG	ppb	w.wt ?..+....							1.8	<<0.8	<<5.0	<1.8	1.6	1.2	<1.4	2.2
	HC Σ2	ppb	w.wt ?..+....							6.6	<<2.3	<<5.0	<2.8	2.8	2.2	<<2.0	2.9
	HCB	ppb	w.wt ?..+....							1.2	<<0.7	<<5.0	1.8	1.0	1.0	<<0.5	<<0.6
	QCB	ppb	w.wt							<<1.0	<<0.5	<<5.0	<<1.0	<<1.0	<<1.0	<<0.5	<<0.5
	OCS	ppb	w.wt							<<1.0	<<0.5	<<5.0	<<1.0	<<1.0	<<1.0	<<0.5	<<0.5
	EPOCL	ppb	w.wt							1414	2176						
H	Age		year			3.00	2.00	4.00	4.00								
	Count Max				2.00	2.00	2.00	1.00	1.00								
	Count Min				2.00	1.00	2.00	1.00	1.00								
	Dry		%		25.60	25.10	22.00	25.40	26.40								
	Fat		%		8.79	9.90	4.70	8.60	49.70								
	Lenght.max		mm		290.00	375.00	290.00	290.00	290.00								
	Lenght.mean		mm		252.00	245.00	255.00	250.00	249.00								
	Lenght.min		mm		230.00	190.00	220.00	140.00	170.00								
	No of individ.in sub-sample				25.00	22.00	26.00	25.00	18.00								
	Tissue weight		g		26.68	3.33	6.74										
	Weight		g		177.00	172.00	167.00	178.00	180.00								
	CD	ppm	w.wt ?..+....		0.20f	0.18f	0.25f	0.06	0.11f								
	CU	ppm	w.wt ?..+....			21.74	34.98n	16.26	34.32n								
	PB	ppm	w.wt ?..+....			0.23	0.44n	0.09	0.21								
	ZN	ppm	w.wt ?..+....			52.7	91.1n	54.6	48.3								
	CB28	ppb	w.wt ?..+....						s610.0n								
	CB52	ppb	w.wt ?..+....						s650.0n								
	CB101	ppb	w.wt ?..+....						s560.0n								
	CB118	ppb	w.wt ?..+....						s820.0n								
	CB138	ppb	w.wt ?..+....						s1570.0n								
	CB153	ppb	w.wt ?..+....						s1520.0n								
	PCB	ppb	w.wt ?..+....		60	<<100	50	280n	7080n								
	PCB	ppm	w.wt ?..+....		<<0	<<0											
	CB180	ppb	w.wt ?..+....						s410.0n								
	CB Σ7	ppb	w.wt ?..+....						s6140n								
	CB ΣΣ	ppb	w.wt ?..+....						s6140n								
	DDEPP	ppb	w.wt ?..+....		<<50.0n	<<20.0	<<40.0n	<<40.0n	980.0n								
	DDTPP	ppb	w.wt ?..+....			<<40.0n	<<40.0n	<<40.0n	<<20.0								
	DD Σ4	ppb	w.wt ?..+....		<<50.0n	<<40.0n	<<40.0n	<<40.0n	<<1000.0n								
	HCHG	ppb	w.wt ?..+....			<<40.0n	<<40.0n	<<40.0n	210.0n								
	HC Σ2	ppb	w.wt ?..+....			<<40.0n	<<40.0n	<<40.0n	210.0n								
	HCB	ppb	w.wt ?..+....		<<100.0n	20.0n	<<40.0n	<<40.0n	50.0n								
	EPOCL	ppb	w.wt			2050	4180	1720									

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 33B Sande (east side), Latitude: 59°31.70N Longitude: 10°21.0E

Sampling date (YYMMDD) =>	961201	971015	971115	971215	981015	981115	981215	000120	001025	011025	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
HCHG ppb w.wt ?..+....	2.4	2.1	2.0	1.6	1.1	1.6	0.8	0.7	2.2	1.5	2.2
HC Σ2 ppb w.wt ?..+....	<3.4	3.3	3.2	2.4	1.6	2.8	1.2	1.2	3.6	2.4	<<2.8
HCB ppb w.wt ?..+....	<0.8	0.8	0.8	0.7	0.6	1.0	0.5	0.6	1.8	1.7	1.8
QCB ppb w.wt	<<0.5	<<0.5	<<0.5	<<0.5	<<0.1	<<0.1	<0.1	<<0.1	<<0.6	<<0.2	<<1.0
OCS ppb w.wt	<<0.5	<<0.5	<<0.5	<<0.5	<<0.1	<<0.1	<<0.1	<0.2	<<1.2	0.5	0.5
EPOCL ppb w.wt											1795
H Age year											3.33
Count Max											
Count Min											
Dry %											25.00
Fat %											14.31
Lenght.max mm											314.29
Lenght.mean mm											249.43
Lenght.min mm											182.86
No of individ.in sub-sample											23.29
Tissue weight g											10.02
Weight g											174.86
CD ppm w.wt ?..+....											0.15f
CU ppm w.wt ?.....											24.21
PB ppm w.wt ?..+....											0.21
ZN ppm w.wt ?.....											<<32.3
CB28 ppb w.wt ?..+....											s610.0n
CB52 ppb w.wt ?..+....											s650.0n
CB101 ppb w.wt ?..+....											s560.0n
CB118 ppb w.wt ?..+....											s820.0n
CB138 ppb w.wt ?..+....											s1570.0n
CB153 ppb w.wt ?..+....											s1520.0n
PCB ppb w.wt ?..+....											<<1136n
PCB ppm w.wt ?..+....											<<0
CB180 ppb w.wt ?..+....											s410.0n
CB Σ7 ppb w.wt ?..+....											s6140n
CB ΣΣ ppb w.wt ?..+....											s6140n
DDEPP ppb w.wt ?..+....											<<170.0n
DDTPP ppb w.wt ?..+....											<<36.7n
DD Σ4 ppb w.wt ?..+....											<<178.6n
HCHG ppb w.wt ?..+....											<<68.3n
HC Σ2 ppb w.wt ?..+....											<<68.3n
HCB ppb w.wt ?..+....											<<44.3n
EPOCL ppb w.wt											2344

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 33B Sande (east side), Latitude: 59°31.70N Longitude: 10°21.0E

Sampling date (YYMMDD) =>	831229	851113	861119	871110	881001	891018	901113	911023	921012	931001	941000	951015	961001	961101
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	22.00	26.00	25.00	18.00	25.00	23.00	25.00	25.00	25.00	25.00	25.00	25.00
Age year	2.76													
Count Max	25.00	25.00												
Count Min	25.00	25.00												
Dry %	24.22	19.96												
Lenght.mean mm	270.80	252.00												
No of individ.in sub-sample	1.00	1.00												
Weight g	212.80	175.84												
Weight ppm w.wt	<<0.05													
HG ppm w.wt +.+.+.+	0.153n	0.094												
PCB ppb w.wt ?..+....	<<50n	<<50n												
DDEPP ppb w.wt ?..+....	<<50.0n													
DD Σ4 ppb w.wt +.+.+.+	<<50.0n													
HCB ppb w.wt +.+.+.+	<<10.0n													
B Age year						4.20	2.60	4.20	5.00	4.80	5.00	4.60	4.80	
Count Max						5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Count Min						5.00	5.00	5.00	5.00	5.00	3.00	5.00	5.00	5.00
Dry %						18.32	21.16	22.16	20.16	22.02	20.96	20.20	20.84	20.84
Fat %						0.42	0.72	0.22	0.25	0.09	0.25	0.25	0.25	0.42
Lenght.max mm						327.00	280.00	293.00	309.00	279.00	291.00	306.00	308.00	308.00
Lenght.mean mm						320.80	274.00	282.60	296.40	274.80	284.20	296.20	301.00	301.00
Lenght.min mm						317.00	263.00	271.00	287.00	267.00	278.00	287.00	294.00	294.00
No of individ.in sub-sample						5.00	4.60	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Tissue weight g												14.60	17.00	
Weight g						349.60	215.60	257.88	315.16	258.62	283.06	297.92	314.12	
HG ppm w.wt +.+.+.+						0.176n	0.108n	0.147n	0.093	0.077	0.054	0.059	0.049	
CB28 ppb w.wt ...+....						0.2	0.2	<<0.1	<<0.1	<0.1	0.5	0.2	0.4	
CB52 ppb w.wt ...+....						0.2	0.2	<<0.1	<<0.1	0.0	0.2	0.1	0.2	
CB101 ppb w.wt ...+....						0.3	0.4	0.2	<<0.2	0.1	0.2	0.1	0.2	
CB105 ppb w.wt+....								0.2	<<0.1	<0.0	0.1	0.1	0.1	
CB118 ppb w.wt ...+....						0.3	0.8	0.3	0.3	0.1	0.2	0.1	0.3	
CB138 ppb w.wt ...+....						0.6	1.1	0.5	0.4	0.1	0.2	0.1	0.3	
CB153 ppb w.wt ...+....						0.8	1.3	0.5	0.5	0.1	0.3	0.2	0.4	
PCB ppb w.wt ?..+....						2								
CB156 ppb w.wt+....								<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	0.0	
CB180 ppb w.wt ...+....						0.2	0.3	0.2	<0.2	<<0.0	0.1	0.0	0.1	
CB209 ppb w.wt+....						<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	
CB Σ7 ppb w.wt +.+.+.+						3	4	<<2	<<2	<<0	2	1	2	
CB ΣΣ ppb w.wt ?..+....						<<3	<<4	<<2	<<2	<<1	<<2	<<1	<<2	
DDEPP ppb w.wt ?..+....						1.2	1.8	0.6	0.3	0.2	0.3	0.2	0.5	
TDEPP ppb w.wt ?..+....							<<0.1	0.1	<<0.6	0.1	0.1	0.1	0.8	
DD Σ4 ppb w.wt +.+.+.+						1.2	<<1.8	0.7	<<0.5	0.2	0.4	0.3	0.6	
HCHA ppb w.wt ?..+....						0.2	0.1	<<0.1	<<0.1	<0.0	<<0.0	<0.0	0.0	
HCHG ppb w.wt ?..+....						0.2	<<0.1	<<0.1	0.1	0.1	0.1	0.1	0.1	
HC Σ2 ppb w.wt ?..+....						0.3	<<0.1	<<0.1	<<0.2	<0.1	<<0.1	<0.1	0.2	
HCB ppb w.wt +.+.+.+						0.1	0.1	<0.1	<<0.1	<<0.0	<<0.0	<<0.0	0.0	
QCB ppb w.wt+....							<<0.1	<<1.9	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 33B Sande (east side), Latitude: 59°31.70N Longitude: 10°21.0E

Sampling date (YYMMDD) =>	961201	971015	971115	971215	981015	981115	981215	000120	001025	011025	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	25.00	23.00	25.00	25.00	14.00	25.00	25.00	25.00	25.00	24.08
Age year											2.76
Count Max											
Count Min											
Dry %											22.09
Lenght.mean mm											261.40
No of individ.in sub-sample											1.00
Weight g											194.32
Weight ppm w.wt											<0.05
HG ppm w.wt +.+.+.+											0.124n
PCB ppb w.wt ?..+....											<<50n
DDEPP ppb w.wt ?..+....											<<50.0n
DD Σ4 ppb w.wt +.+.+.+											<<50.0n
HCB ppb w.wt +.+.+.+											<<10.0n
B Age year	4.80	5.40	5.20	5.32	4.80	4.67	4.76	2.84	3.04	3.20	4.34
Count Max	5.00	5.00	5.00	5.00	5.00	3.00	5.00	5.00	5.00	5.00	
Count Min	5.00	5.00	5.00	5.00	3.00	3.00	5.00	5.00	5.00	5.00	
Dry %	21.04	20.64	20.58	20.18	20.72	20.13	19.58	19.96	20.80	20.98	20.60
Fat %	0.41	0.20	0.23	0.22	0.19	0.17	0.28	0.68	0.36	0.55	0.34
Lenght.max mm	332.00	298.00	307.00	311.00	301.00	313.33	289.00	333.60	322.00	323.00	307.68
Lenght.mean mm	316.00	294.60	301.00	303.60	287.60	302.00	281.60	325.40	311.80	312.80	298.91
Lenght.min mm	303.00	292.00	296.00	297.00	278.00	291.67	275.00	316.20	301.00	299.00	290.10
No of individ.in sub-sample	5.00	5.00	4.60	5.00	5.00	4.67	5.00	5.00	5.00	5.00	4.94
Tissue weight g	17.00	15.06	14.97	15.02	15.00	15.00	15.00	10.55	13.00	19.46	15.47
Weight g	396.12	295.44	305.30	316.84	291.22	332.60	274.16	390.08	401.72	401.27	320.95
HG ppm w.wt +.+.+.+	0.059	0.089	0.093	0.084	0.055	0.075	0.042	0.082	0.063	0.051	0.097
CB28 ppb w.wt ...+....	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.3	<0.1	0.1	0.3
CB52 ppb w.wt ...+....	0.3	<<0.1	<<0.1	<<0.1	0.1	0.1	0.1	0.7	<0.1	0.2	0.2
CB101 ppb w.wt ...+....	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.5	<0.1	0.2	<0.2
CB105 ppb w.wt ...+....	0.2	0.1	0.1	0.1	<0.1	0.1	0.1	0.7	<0.1	0.2	<0.1
CB118 ppb w.wt ...+....	0.3	0.1	0.2	0.2	0.2	0.1	0.2	1.8	<0.2	0.4	<0.3
CB138 ppb w.wt ...+....	0.4	0.2	0.2	0.2	0.2	0.2	0.2	2.3	0.2	0.4	0.4
CB153 ppb w.wt ...+....	0.5	0.2	0.2	0.2	0.2	0.2	0.3	2.5	0.3	0.6	0.5
PCB ppb w.wt ?..+....											2
CB156 ppb w.wt	0.0	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<0.0	<0.2	<<0.1	<<0.1	<<0.1
CB180 ppb w.wt ...+....	0.1	<0.1	<<0.1	<<0.1	<0.1	0.1	0.1	0.5	<<0.1	0.1	<<0.1
CB209 ppb w.wt	<<0.0	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.0
CB Σ7 ppb w.wt +.+.+.+	2	<<1	<<1	<<1	<1	1	1	10n	<<1	2	<<2
CB ΣΣ ppb w.wt ?..+....	<<2	<<1	<<1	<<1	<<1	<<1	<<1	<<10	<<1	<<2	<<2
DDEPP ppb w.wt ?..+....	0.5	0.2	0.3	0.3	0.2	0.2	0.3	1.7	0.3	0.6	0.5
TDEPP ppb w.wt ?..+....	0.9	<<0.4	<0.6	0.6	<<0.3	<<0.3	0.1	0.3	<<0.5	<<0.7	<<0.4
DD Σ4 ppb w.wt +.+.+.+	0.7	<<0.3	<0.4	0.4	<<0.2	<<0.3	0.4	2.0	<<0.4	<<0.7	<<0.6
HCHA ppb w.wt ?..+....	0.0	<<0.1	0.1	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HCHG ppb w.wt ?..+....	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<<0.1	<<0.1	0.1
HC Σ2 ppb w.wt ?..+....	0.2	<<0.1	0.2	0.2	<<0.1	<<0.1	<<0.2	<<0.2	<<0.1	<<0.1	<<0.1
HCB ppb w.wt +.+.+.+	0.0	<<0.1	<<0.1	<0.1	0.0	<<0.0	0.1	0.1	<0.0	0.0	0.0
QCB ppb w.wt	<<0.0	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 33B Sande (east side), Latitude: 59°31.70N Longitude: 10°21.0E

Sampling date (YYMMDD) =>			831229	851113	861119	871110	881001	891018	901113	911023	921012	931001	941000	951015	961001	961101
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
H	OCS	ppb w.wt							<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0
	Age	year			3.00	2.00	4.00	4.00								
	Count Max				2.00	2.00	1.00	1.00								
	Count Min				1.00	2.00	1.00	1.00								
	Dry	%			20.24	23.80	21.70	20.19								
	Fat	%				0.20	0.30	0.32								
	Lenght.max	mm			375.00	290.00	290.00	290.00								
	Lenght.mean	mm			245.00	255.00	250.00	249.00								
	Lenght.min	mm			190.00	220.00	140.00	170.00								
	No of individ.in sub-sample				22.00	26.00	25.00	18.00								
	Weight	g			172.00	167.00	178.00	180.00								
	HG	ppm w.wt +.+.+.+			0.077	0.021	0.069									
	PCB	ppb w.wt ?..+....			<<30n	<<20n	<<20n	20n								

Sampling date (YYMMDD) =>			961201	971015	971115	971215	981015	981115	981215	000120	001025	011025	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
H	OCS	ppb w.wt	<<0.0	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1
	Age	year											3.33
	Count Max												
	Count Min												
	Dry	%											21.67
	Fat	%											0.27
	Lenght.max	mm											308.89
	Lenght.mean	mm											249.89
	Lenght.min	mm											172.22
	No of individ.in sub-sample												23.78
	Weight	g											174.44
	HG	ppm w.wt +.+.+.+											0.059
	PCB	ppb w.wt ?..+....											<<22n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 33X Sande (west side), Latitude: 59°31.70N Longitude: 10°20.40E

Sampling date (YYMMDD) =>		901106
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Age year		3.67
Count Max		3.00
Count Min		3.00
Dry %		23.10
Fat %		3.57
Lenght.max mm		250.00
Lenght.mean mm		238.00
Lenght.min mm		230.00
No of individ.in sub-sample		5.00
Tissue weight g		1.63
Weight g		131.67
Weight ppb w.wt		21.00
CD ppm w.wt ?..+....		0.15f
CU ppm w.wt ?..+....		23.43
PB ppm w.wt ?..+....		0.35n
ZN ppm w.wt ?..+....		57.8
CB28 ppb w.wt ?..+....		3.0
CB52 ppb w.wt ?..+....		1.7
CB101 ppb w.wt ?..+....		2.0
CB118 ppb w.wt ?..+....		6.7
CB138 ppb w.wt ?..+....		7.0
CB153 ppb w.wt ?..+....		9.0
CB180 ppb w.wt ?..+....		2.7
CB209 ppb w.wt		<<1.0
CB Σ7 ppb w.wt ?..+....		32
CB ΣΣ ppb w.wt ?..+....		<<33
DDEPP ppb w.wt ?..+....		17.7
DD Σ4 ppb w.wt ?..+....		17.7
HCHA ppb w.wt ?..+....		2.3
HCHG ppb w.wt ?..+....		1.0
HC Σ2 ppb w.wt ?..+....		3.3
HCB ppb w.wt ?..+....		1.0
QCB ppb w.wt		<<1.0
OCS ppb w.wt		<<1.0
EPOCL ppb w.wt		883

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 33X Sande (west side), Latitude: 59°31.70N Longitude: 10°20.40E

Sampling date (YYMMDD) =>		901106
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Age year		3.67
Count Max		3.00
Count Min		3.00
Dry %		21.27
Lenght.max mm		250.00
Lenght.mean mm		238.00
Lenght.min mm		230.00
No of individ.in sub-sample		5.00
Weight g		131.67
HG ppm w.wt +.+.+.+		0.170n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	840317	881118	891228	901012	911003	921215	930925	941000	951015	960811	960812	960820	970817	970818
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	22.00	21.00	25.00	25.00	25.00	23.00	17.00	18.00	18.00	25.00	14.00	15.00	25.00	25.00
Age year	4.00		3.39				5.00							
Count Max	10.00		25.00				2.00							
Count Min	10.00		25.00				2.00							
Dry %	26.50		30.22				37.75							
Fat %							21.91							
Lenght.mean mm	346.00		277.40				397.50							
No of individ.in sub-sample	1.00		1.00				1.00							
Tissue weight g			3.16				26.09							
Weight g	398.80		290.60				834.95							
CD ppm w.wt ?..+....	1.08n		2.20n				1.31n							
CU ppm w.wt ?.....			10.73				21.80							
PB ppm w.wt ?..+....			1.58n				0.27							
ZN ppb w.wt ?.....							<<98.5							
ZN ppm w.wt ?.....			50.4				53.8							
CB28 ppb w.wt ?..+....							<<3.0							
CB52 ppb w.wt ?..+....							<<3.0							
CB101 ppb w.wt ?..+....							11.0							
CB105 ppb w.wt ?.....							<<3.5							
CB118 ppb w.wt ?..+....							9.0							
CB138 ppb w.wt ?..+....							15.5							
CB153 ppb w.wt ?..+....							24.5							
CB156 ppb w.wt ?.....							<<2.5							
CB180 ppb w.wt ?..+....							7.5							
CB209 ppb w.wt ?.....							<<2.0							
CB Σ7 ppb w.wt ?..+....							<<73							
CB ΣΣ ppb w.wt ?..+....							<<78							
DDEPP ppb w.wt ?..+....							81.5n							
TDEPP ppb w.wt ?..+....							12.5							
DD Σ4 ppb w.wt ?..+....							94.0n							
HCHA ppb w.wt ?..+....							<<2.0							
HCHG ppb w.wt ?..+....							2.5							
HC Σ2 ppb w.wt ?..+....							<<4.5							
HCB ppb w.wt ?..+....							<<2.0							
QCB ppb w.wt ?.....							<<2.0							
OCS ppb w.wt ?.....							<<2.0							
B Age year			3.80	3.40	3.00	4.20	4.67	5.25	5.25	6.12	5.40	4.80	6.12	6.20
Count Max			5.00	5.00	5.00	5.00	3.00	4.00	4.00	5.00	3.00	3.00	5.00	5.00
Count Min			5.00	5.00	4.00	5.00	3.00	4.00	4.00	5.00	3.00	3.00	5.00	5.00
Dry %			30.22	31.34	31.17	29.50	32.20	25.90	28.20	32.78	28.50	25.10	35.36	33.06
Fat %			8.02	14.60	15.45	12.84	15.71	13.43	13.25	17.00	11.90	9.07	21.08	18.59
Lenght.max mm			294.00	320.00	316.00	396.00	341.67	323.75	343.75	372.00	338.33	293.33	361.00	350.00
Lenght.mean mm			277.40	305.60	294.00	370.20	321.67	307.75	325.25	350.80	317.00	277.00	353.00	329.00
Lenght.min mm			264.00	292.00	278.00	333.00	305.00	297.50	313.75	327.00	295.00	260.00	342.00	314.00
No of individ.in sub-sample			5.00	5.00	5.00	4.60	5.00	4.50	4.50	5.00	4.67	5.00	5.00	5.00
Tissue weight g				7.10	5.19	15.11	10.67	5.53		12.91	7.90	5.55	12.62	10.71
Weight g			290.80	371.00	322.00	538.00	457.63	314.30	426.20	483.78	372.37	273.73	540.38	457.68

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe
 Sampl.area : J63 Sør fjorden, Tissue: Liver
 Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	971001	981101	981105	981120	990930	001011	011201	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	15.00	15.00	25.00	25.00	10.00	25.00	20.78
Age year								4.16
Count Max								
Count Min								
Dry %								32.49
Fat %								21.91
Lenght.mean mm								339.16
No of individ.in sub-sample								1.00
Tissue weight g								14.63
Weight g								529.98
CD ppm w.wt ?..+....								1.62n
CU ppm w.wt ?.....								16.27
PB ppm w.wt ?..+....								0.92n
ZN ppb w.wt ?.....								<98.5
ZN ppm w.wt ?.....								52.1
CB28 ppb w.wt ?..+....								<<3.0
CB52 ppb w.wt ?..+....								<<3.0
CB101 ppb w.wt ?..+....								11.0
CB105 ppb w.wt ?.....								<<3.5
CB118 ppb w.wt ?..+....								9.0
CB138 ppb w.wt ?..+....								15.5
CB153 ppb w.wt ?..+....								24.5
CB156 ppb w.wt ?.....								<<2.5
CB180 ppb w.wt ?..+....								7.5
CB209 ppb w.wt ?.....								<<2.0
CB Σ7 ppb w.wt ?..+....								<<73
CB ΣΣ ppb w.wt ?..+....								<<78
DDEPP ppb w.wt ?..+....								81.5n
TDEPP ppb w.wt ?..+....								12.5
DD Σ4 ppb w.wt ?..+....								94.0n
HCHA ppb w.wt ?..+....								<<2.0
HCHG ppb w.wt ?..+....								2.5
HC Σ2 ppb w.wt ?..+....								<<4.5
HCB ppb w.wt ?..+....								<<2.0
QCB ppb w.wt ?.....								<<2.0
OCS ppb w.wt ?.....								<<2.0
B Age year	6.40	5.93	6.40	6.52	2.52	1.90	5.00	4.65
Count Max	5.00	3.00	3.00	5.00	5.00	2.00	5.00	
Count Min	5.00	3.00	3.00	4.00	5.00	2.00	5.00	
Dry %	29.80	36.70	33.33	33.06	33.50	27.85	33.86	31.21
Fat %	16.22	21.73	18.50	18.54	18.60	12.25	17.40	15.56
Lenght.max mm	346.00	355.00	361.67	347.00	386.00	335.00	382.00	348.43
Lenght.mean mm	333.20	339.67	335.67	338.80	349.60	316.00	367.20	329.16
Lenght.min mm	320.00	323.33	320.00	334.00	320.00	295.00	348.00	311.12
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.92
Tissue weight g	9.56	14.03	14.49	15.36	9.96	7.10	13.75	10.42
Weight g	432.18	528.93	492.77	506.28	490.24	346.20	636.95	443.40

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sørfjorden, Tissue: Liver

Locality : 53B Inner Sørfjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>			840317	881118	891228	901012	911003	921215	930925	941000	951015	960811	960812	960820	970817	970818
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
CD	ppm	w.wt ?..+....				1.43n	2.07n	1.98n	0.66n	s0.59n	0.14f	2.74n	2.34n	1.52n	1.13n	0.90n
CU	ppm	w.wt ?.....				8.62	15.44	9.71	13.80	s5.47	8.05	15.98	13.93	14.70	8.98	7.30
PB	ppm	w.wt ?..+....				0.80n	1.00n	0.56n	0.28	s1.50n	0.03	0.77n	0.62n	0.49n	0.37n	0.31n
ZN	ppb	w.wt ?.....				101.4	87.5	<<42.7	<<42.7	s<307.5	<15.3	<<33.5	<<25.5	<<131.3	121.6	79.2
ZN	ppm	w.wt ?.....			<1.4	44.1	50.9	52.3	45.8	s25.6	35.3	43.2	42.0	39.8	28.0	27.8
CB28	ppb	w.wt ?..+....			s182.0n	23.2n	6.0	<7.2	<<6.7	s23.0n	<1.5	2.6	1.0	2.3	3.6	1.4
CB52	ppb	w.wt ?..+....			s210.0n	34.8n	21.8n	27.4n	<<6.7	s71.8n	2.3	13.0n	3.3	8.7	<<2.8	<<1.0
CB101	ppb	w.wt ?..+....			s160.0n	125.2n	90.8n	77.6n	14.0	s242.0n	7.3	40.2n	12.3	33.0n	13.6	8.6
CB105	ppb	w.wt ?.....						17.8	<<5.0	s61.5	2.0	16.4	4.0	<<13.3	6.2	3.4
CB118	ppb	w.wt ?..+....			s<96.0n	98.6n	75.0n	57.8n	12.0	s199.3n	6.3	37.0n	9.7	29.7	13.6	7.6
CB138	ppb	w.wt ?..+....			s248.0n	128.2n	101.3n	64.0n	14.7	s255.3n	13.0	57.0n	24.3	46.0	33.6	24.6
CB153	ppb	w.wt ?..+....			s226.0n	132.8n	108.5n	81.0n	19.3	s333.0n	18.8	65.6n	34.0	53.0n	38.4	31.8
PCB	ppb	w.wt ?..+....			1054n											
CB156	ppb	w.wt ?.....						<<7.4	<<2.7	s32.3	<2.0	8.2	3.3	<<7.3	4.2	3.2
CB180	ppb	w.wt ?..+....			s<34.0n	30.0n	24.5n	20.8n	6.0	s112.0n	5.8	19.6n	10.7n	16.3n	13.2n	11.0n
CB209	ppb	w.wt ?.....				<<1.4	<<1.3	<<5.0	<<2.0	s<<1.0	<<1.0	<<1.0	<<1.0	<<1.0	<<1.0	<<1.0
CB Σ7	ppb	w.wt ?..+....			s<1152n	573n	428n	<336n	<<79	s1236n	<55	235n	95	189n	<<119n	<<86
CB ΣΣ	ppb	w.wt ?..+....			s<1152n	<<574n	<<429n	<<363n	<<85	s<<1331n	<<59	<<261n	<<104n	<<210n	<<130n	<<93
DDEPP	ppb	w.wt ?.....			310.0n	86.4n	65.0n	33.8n	31.7n	s265.8n	11.0	26.0	16.3	74.0n	49.2n	30.2n
DDTTPP	ppb	w.wt ?..+....			<1036.0n							<<2.8	<<2.5	42.0n	44.4n	30.8n
TDEPP	ppb	w.wt ?..+....					17.5	<<5.0	6.7	s31.0n	<1.8	4.2	3.0	13.3	22.6	13.6
DD Σ4	ppb	w.wt ?..+....			<1346.0n	86.4n	82.5n	<<38.8n	38.3n	s296.8n	<12.8	<<31.0n	<<23.5	129.3n	116.2n	74.6n
HCHA	ppb	w.wt ?..+....				12.0n	3.3	<<5.0	<<2.0	s<4.5	1.0	<1.0	<<1.0	<<1.0	2.4	1.8
HCHG	ppb	w.wt ?..+....			<34.0n	3.0	1.8	<<5.0	2.3	s6.3	1.5	1.8	1.7	<<1.3	3.0	2.8
HC Σ2	ppb	w.wt ?..+....			<34.0n	15.0n	5.0	<<5.0	<<4.3	s<10.8n	2.5	<2.8	<<2.7	<<2.0	5.4	4.6
HCB	ppb	w.wt ?..+....			<<20.0n	7.8n	4.0	<<5.6n	<<2.0	s19.0n	1.3	2.4	2.0	<<1.7	3.4	2.4
QCB	ppb	w.wt ?.....				3.0	<1.8	<<5.0	<<2.0	s<<1.0	<<1.0	<1.8	1.0	<<1.7	2.0	1.6
OCS	ppb	w.wt ?.....				<<1.4	<<1.0	<<5.0	<<2.0	s<<1.0	<<1.0	<<1.0	<<1.0	<<1.0	<<1.0	<<1.0
EPOCL	ppb	w.wt ?.....			4780	1312	6113									
Age	year			5.00												
Count Max				1.00												
Count Min				1.00												
Dry	%			31.80												
Fat	%			17.50												
Lenght.max	mm			380.00												
Lenght.mean	mm			297.00												
Lenght.min	mm			220.00												
No of individ.in sub-sample				21.00												
Weight	g			339.00												
CD	ppm	w.wt ?..+....				2.24n										
CU	ppm	w.wt ?.....				13.99										
PB	ppm	w.wt ?..+....				0.41n										
ZN	ppm	w.wt ?.....				54.4										
PCB	ppb	w.wt ?..+....				1420n										
DDEPP	ppb	w.wt ?..+....				130.0n										
DDTTPP	ppb	w.wt ?..+....				<<40.0n										
DD Σ4	ppb	w.wt ?..+....				<<170.0n										

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	971001	981101	981105	981120	990930	001011	011201	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
CD ppm w.wt ?..+....	1.08n	1.43n	2.00n	1.52n	2.48n	1.79n	2.90n	2.90n
CU ppm w.wt ?.....	7.96	18.00	18.60	19.96	13.39	5.54	17.28	5.54
PB ppm w.wt ?..+....	0.41n	0.39n	0.48n	0.88n	0.53n	0.36n	0.52n	0.62n
ZN ppb w.wt ?.....	285.8	<<82.5	<<91.2	<<71.2	<82.7	<<33.1	58.9	58.9
ZN ppm w.wt ?.....	25.5	57.9	51.4	57.1	39.8	33.0	60.1n	60.1n
CB28 ppb w.wt ?..+....	2.2	<<2.0	<<4.1	<<2.0	<1.3	<<0.9	<0.7	2.6
CB52 ppb w.wt ?..+....	5.6	<<3.0	<<3.9	5.9	6.9	5.1	4.0	6.0
CB101 ppb w.wt ?..+....	32.2n	10.7	11.0	19.6	21.4n	13.0	14.4	28.9n
CB105 ppb w.wt ?.....	15.8	<<2.7	4.0	5.0	8.3	5.3	5.4	<7.3
CB118 ppb w.wt ?..+....	36.8n	7.5	11.1	14.1	19.8	13.5	14.2	24.9
CB138 ppb w.wt ?..+....	56.4n	22.3	26.0	38.6	41.0	26.5	28.4	40.8
CB153 ppb w.wt ?..+....	60.0n	30.3	35.7	48.0	50.8n	30.5	34.8	48.0
PCB ppb w.wt ?..+....								1054n
CB156 ppb w.wt ?.....	6.6	<<2.2	<<2.2	2.9	3.8	2.3	2.4	<<3.8
CB180 ppb w.wt ?..+....	17.0n	8.1	10.1n	15.8n	15.0n	9.4	10.5n	13.5n
CB209 ppb w.wt ?.....	<<1.0	<<2.0	<<2.0	<<2.0	<<1.0	<<0.6	<<0.5	<<1.4
CB Σ7 ppb w.wt ?..+....	210n	<<83	<<100n	<<144n	<156n	<<99	<107n	<<168n
CB ΣΣ ppb w.wt ?..+....	<<234n	<<85	<<106n	<<152n	<<169n	<<107n	<<115n	<<179n
DDEPP ppb w.wt ?..+....	131.2n	49.3n	61.3n	42.0n	46.4n	18.0	38.0n	68.0n
DDTPP ppb w.wt ?..+....	96.0n	<<9.0	<<18.3	<<10.8	17.6	5.7	11.9	<<141.1n
TDEPP ppb w.wt ?..+....	54.4n	22.3	10.2	17.2	15.2	7.6	7.6	<13.0
DD Σ4 ppb w.wt ?..+....	281.6n	<<80.6n	<<89.9n	<<70.0n	79.2n	31.4n	57.5n	<<183.6n
HCHA ppb w.wt ?..+....	1.8	<<2.0	<<2.0	<<2.0	<1.2	<<0.7	0.6	0.6
HCHG ppb w.wt ?..+....	2.4	<<2.6	<<2.0	<<2.0	2.3	1.0	0.8	2.1
HC Σ2 ppb w.wt ?..+....	4.2	<<3.3	<<2.0	<<2.0	<3.5	<<1.7	1.4	<<6.4
HCB ppb w.wt ?..+....	3.8	<<1.4	<<1.2	2.7	2.7	2.6	2.0	s19.0n
QCB ppb w.wt ?.....	<1.8	<<1.0	<<1.0	<<1.0	0.7	0.5	1.1	1.1
OCS ppb w.wt ?.....	<<1.0	<<1.0	<<1.0	<<1.0	<<0.5	<<0.3	<<0.3	<<1.6
EPOCL ppb w.wt ?.....								4246
Age year								5.00
Count Max								
Count Min								
Dry %								31.80
Fat %								17.50
Lenght.max mm								380.00
Lenght.mean mm								297.00
Lenght.min mm								220.00
No of individ.in sub-sample								21.00
Weight g								339.00
CD ppm w.wt ?..+....								<<1.72n
CU ppm w.wt ?.....								13.99
PB ppm w.wt ?..+....								0.41n
ZN ppm w.wt ?.....								<<36.3
PCB ppb w.wt ?..+....								1420n
DDEPP ppb w.wt ?..+....								130.0n
DDTPP ppb w.wt ?..+....								<<40.0n
DD Σ4 ppb w.wt ?..+....								<<170.0n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sørfjorden, Tissue: Liver

Locality : 53B Inner Sørfjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	840317	881118	891228	901012	911003	921215	930925	941000	951015	960811	960812	960820	970817	970818
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
HCHG ppb w.wt ?..+....		<<40.0n												
HC Σ2 ppb w.wt ?..+....		<<40.0n												
HCB ppb w.wt ?..+....		<<40.0n												
EPOCL ppb w.wt		11200												

Sampling date (YYMMDD) =>	971001	981101	981105	981120	990930	001011	011201	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
HCHG ppb w.wt ?..+....								<<40.0n
HC Σ2 ppb w.wt ?..+....								<<40.0n
HCB ppb w.wt ?..+....								<<40.0n
EPOCL ppb w.wt								11200

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	840317	881118	891228	901012	911003	921215	930925	941000	951015	960811	960812	960820	970817	970818
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	22.00	21.00	25.00	25.00	25.00	23.00	17.00	18.00	18.00	25.00	14.00	15.00	25.00	25.00
Age year	3.33		3.39				5.00							
Count Max	22.00		25.00				2.00							
Count Min	22.00		25.00				2.00							
Dry %	19.08		24.02				23.25							
Fat %							1.01							
Lenght.mean mm	308.64		277.40				397.50							
No of individ.in sub-sample	1.00		1.00				1.00							
Weight g	292.14		290.60				834.95							
HG ppm w.wt +.+.+.+	0.513n		0.132n				0.117n							
CB28 ppb w.wt ...+....							<<0.2							
CB52 ppb w.wt ...+....							<<0.1							
CB101 ppb w.wt ...+....							0.2							
CB105 ppb w.wt ...+....							<<0.1							
CB118 ppb w.wt ...+....							0.2							
CB138 ppb w.wt ...+....							0.3							
CB153 ppb w.wt ...+....							0.6							
CB156 ppb w.wt ...+....							<<0.1							
CB180 ppb w.wt ...+....							0.2							
CB209 ppb w.wt ...+....							<<0.1							
CB Σ7 ppb w.wt ...+....							<<2							
CB ΣΣ ppb w.wt ?..+....							<<2							
DDEPP ppb w.wt ?..+....							2.7n							
TDEPP ppb w.wt ?..+....							3.8n							
DD Σ4 ppb w.wt ...+....							3.6n							
HCHA ppb w.wt ?..+....							0.1							
HCHG ppb w.wt ?..+....							0.2							
HC Σ2 ppb w.wt ?..+....							0.3							
HCB ppb w.wt ...+....							<<0.2							
QCB ppb w.wt ...+....							<<0.1							
OCS ppb w.wt ...+....							<<0.1							
B Age year			3.80	3.40	3.00	4.20	4.67	5.25	5.25	6.12	5.40	4.80	6.12	6.20
Count Max			5.00	5.00	5.00	5.00	3.00	4.00	4.00	5.00	3.00	3.00	5.00	5.00
Count Min			5.00	5.00	5.00	5.00	3.00	4.00	4.00	5.00	2.00	2.00	5.00	5.00
Dry %			24.02	21.88	20.84	20.80	21.27	20.71	21.60	20.24	19.77	20.37	21.76	20.92
Fat %			0.53	1.00	1.12	0.52	0.50	0.49	0.52	0.34	0.25	0.26	0.75	0.47
Lenght.max mm			294.00	320.00	316.00	396.00	341.67	323.75	343.75	372.00	338.33	293.33	361.00	350.00
Lenght.mean mm			277.40	305.60	294.00	370.20	321.67	307.75	325.25	350.80	317.00	277.00	353.00	329.00
Lenght.min mm			264.00	292.00	278.00	333.00	305.00	297.50	313.75	327.00	295.00	260.00	342.00	314.00
No of individ.in sub-sample			5.00	5.00	5.00	4.60	5.00	4.50	4.50	5.00	4.67	5.00	5.00	5.00
Tissue weight g										14.40	15.67	11.67	15.00	14.88
Weight g			290.80	371.00	322.00	538.00	457.63	314.30	426.20	483.78	372.37	273.73	540.38	457.68
HG ppb w.wt ...+....						5.540								
HG ppm w.wt ...+....				0.118n	0.128n	0.121n	0.089	s0.147n	0.036	0.214n	0.213n	0.075	0.212n	0.168n
CB28 ppb w.wt ...+....				1.2	0.4	0.3	<<0.2	s0.2	<<0.1	0.1	<<0.0	<<0.1	<<0.1	<<0.1
CB52 ppb w.wt ...+....				1.9	2.3	0.6	<<0.2	s0.6	0.1	0.5	0.1	0.3	<<0.1	<0.1
CB101 ppb w.wt ...+....				6.7	8.4	2.9	0.5	s2.0	0.2	1.3	0.2	0.9	0.2	0.3

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	971001	981101	981105	981120	990930	001011	011201	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	25.00	15.00	15.00	25.00	25.00	10.00	25.00	20.78
Age year								4.02
Count Max								
Count Min								
Dry %								22.72
Fat %								1.01
Lenght.mean mm								331.69
No of individ.in sub-sample								1.00
Weight g								508.65
HG ppm w.wt +.+.+.+								0.202n
CB28 ppb w.wt ...+....								<<0.2
CB52 ppb w.wt ...+....								<<0.1
CB101 ppb w.wt ...+....								0.2
CB105 ppb w.wt+.								<<0.1
CB118 ppb w.wt ...+....								0.2
CB138 ppb w.wt ...+....								0.3
CB153 ppb w.wt ...+....								0.6
CB156 ppb w.wt+.								<<0.1
CB180 ppb w.wt ...+....								0.2
CB209 ppb w.wt+.								<<0.1
CB Σ7 ppb w.wt +.+.+.+								<<2
CB ΣΣ ppb w.wt ?..+....								<<2
DDEPP ppb w.wt ?..+....								2.7n
TDEPP ppb w.wt ?..+....								2.3n
DD Σ4 ppb w.wt +.+.+.+								3.6n
HCHA ppb w.wt ?..+....								0.1
HCHG ppb w.wt ?..+....								0.2
HC Σ2 ppb w.wt ?..+....								0.3
HCB ppb w.wt +.+.+.+								<<0.2
QCB ppb w.wt+.								<<0.1
OCS ppb w.wt+.								<<0.1
B Age year	6.40	5.93	6.40	6.52	2.52	1.90	5.00	4.65
Count Max	5.00	3.00	3.00	5.00	5.00	2.00	5.00	
Count Min	5.00	3.00	3.00	4.00	5.00	2.00	5.00	
Dry %	20.38	21.73	22.63	22.50	18.44	19.75	20.20	20.83
Fat %	0.50	0.56	0.68	0.37	0.45	0.69	0.49	0.55
Lenght.max mm	346.00	355.00	361.67	347.00	386.00	335.00	382.00	348.43
Lenght.mean mm	333.20	339.67	335.67	338.80	349.60	316.00	367.20	329.16
Lenght.min mm	320.00	323.33	320.00	334.00	320.00	295.00	348.00	311.12
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.92
Tissue weight g	15.00	15.00	15.00	15.00	10.06	10.26	42.52	17.15
Weight g	432.18	528.93	492.77	506.28	490.24	346.20	636.95	443.40
HG ppb w.wt +.+.+.+								5.540
HG ppm w.wt +.+.+.+	0.186n	0.140n	0.177n	0.265n	0.195n	0.261n	0.369n	0.369n
CB28 ppb w.wt ...+....	<0.0	<<0.0	<<0.0	0.0	<<0.1	<<0.1	<<0.1	0.3
CB52 ppb w.wt ...+....	<0.1	0.1	0.1	0.1	0.2	0.2		0.7
CB101 ppb w.wt ...+....	0.8	0.3	0.3	0.3	0.5	0.4	0.4	1.3

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>		840317	881118	891228	901012	911003	921215	930925	941000	951015	960811	960812	960820	970817	970818
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
CB105 ppb w.wt							0.9	<<0.2	s0.5	0.1	0.5	0.1	0.3	0.2	0.2
CB118 ppb w.wt ...+....					4.4	6.8	2.2	0.4	s1.5	0.2	1.1	0.2	0.7	0.4	0.3
CB138 ppb w.wt ...+....					5.9	9.6	2.9	<<0.5	s1.9	0.4	1.7	0.4	1.7	0.9	0.7
CB153 ppb w.wt ...+....					6.3	9.3	3.1	0.6	s2.6	0.5	2.0	0.5	1.2	1.0	0.8
PCB ppb w.wt ?..+....				<<20n											
CB156 ppb w.wt							0.3	<<0.1	s0.2	<<0.1	0.2	0.0	<<0.2	0.1	<<0.1
CB180 ppb w.wt ...+....					1.3	1.6	1.0	0.2	s0.8	0.2	0.7	0.2	0.3	0.3	0.3
CB209 ppb w.wt					<<0.1	<<0.1	<<0.1	<<0.1	s<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1
CB Σ7 ppb w.wt +..+....					28n	38n	13n	<<3	s10n	<<2	7n	<<2	<<5	<<3	<<2
CB ΣΣ ppb w.wt ?..+....					<<28n	<<39n	<<14	<<3	s<<10	<<2	<<8	<<2	<<5	<<3	<<3
DDEPP ppb w.wt ?..+....					4.9n	6.4n	3.7n	2.4n	s3.0n	0.6	3.2n	0.6	5.3n	1.3	1.1
DDTPP ppb w.wt ?..+....															
TDEPP ppb w.wt ?..+....						1.2	0.6	0.5	s3.6n	0.9	0.8	0.2	1.9	1.9	0.3
DD Σ4 ppb w.wt +..+....					4.9n	7.6n	4.3n	2.8n	s3.4n	0.7	4.0n	0.8	7.2n	1.8	1.4
HCHA ppb w.wt ?..+....					0.4	0.3	<<0.1	<<0.1	s0.1	0.0	<0.0	<<0.0	<<0.0	0.1	<<0.1
HCHG ppb w.wt ?..+....					0.2	0.2	<0.1	0.1	s0.1	0.1	0.1	0.1	0.1	0.1	0.1
HC Σ2 ppb w.wt ?..+....					0.6	0.5	<<0.2	<<0.2	s0.2	0.2	<0.2	<<0.1	<<0.1	0.2	<<0.2
HCB ppb w.wt +..+....					0.4n	0.3n	0.2n	<<0.1	s0.2	0.1	0.1	0.1	<<0.1	0.1	0.1
QCB ppb w.wt					<0.1	8.1	<<0.1	<<0.1	s<0.1	<<0.0	<0.1	<<0.0	<<0.0	<0.1	<0.1
OCS ppb w.wt					<<0.1	<<0.1	<<0.1	<<0.1	s<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1
H Age year		5.00													
Count Max		1.00													
Count Min		1.00													
Dry %		21.70													
Fat %		0.50													
Lenght.max mm		380.00													
Lenght.mean mm		297.00													
Lenght.min mm		220.00													
No of individ.in sub-sample		21.00													
Weight g		339.00													
HG ppm w.wt +..+..+		0.111n													
PCB ppb w.wt ?..+....		50n													

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53B Inner Sør fjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>	971001	981101	981105	981120	990930	001011	011201	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
CB105 ppb w.wt	0.5	0.1	0.1	0.1	0.2	0.2	0.2	<0.2
CB118 ppb w.wt ...+....	1.0	0.2	0.2	0.3	0.4	0.5	0.4	1.0
CB138 ppb w.wt ...+....	1.5	0.5	0.5	0.6	0.8	0.8	0.7	<1.6
CB153 ppb w.wt ...+....	1.4	0.7	0.8	0.8	1.0	1.0	0.9	1.7
PCB ppb w.wt ?..+....								<<20n
CB156 ppb w.wt	0.1	0.0	0.0	0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB180 ppb w.wt ...+....	0.4	0.2	0.2	0.3	0.3	0.3	0.2	0.4
CB209 ppb w.wt	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1
CB Σ7 ppb w.wt +..+....	<5n	<<2	<<2	2	<<3	<<3	<<3	<<6n
CB ΣΣ ppb w.wt ?..+....	<<6	<<2	<<2	<<3	<<3	<<3	<<3	<<7
DDEPP ppb w.wt ?..+....	2.4n	1.4	0.9	0.9	0.9	0.7	1.0	2.0n
DDTPP ppb w.wt ?..+....		0.5	0.5	0.3				0.4
TDEPP ppb w.wt ?..+....	3.1n	0.4	0.2	0.4	<<1.2	0.2	<0.1	<<1.3
DD Σ4 ppb w.wt +..+....	3.0n	2.2n	1.6	1.6	<<1.2	0.9	<1.1	<2.5n
HCHA ppb w.wt ?..+....	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.2
HCHG ppb w.wt ?..+....	0.1	0.1	0.1	0.1	<<0.1	<<0.1	<<0.1	0.1
HC Σ2 ppb w.wt ?..+....	0.1	<<0.2	<<0.2	<<0.2	<<0.1	<<0.1	<<0.1	<<0.2
HCB ppb w.wt +..+....	0.1	0.0	0.1	0.1	<0.1	0.1	0.1	0.1
QCB ppb w.wt	0.0	0.0	0.0	0.0	<<0.1	<<0.1	<0.0	<<1.7
OCS ppb w.wt	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.1	<<0.0	<<0.1
Age year								5.00
Count Max								
Count Min								
Dry %								21.70
Fat %								0.50
Lenght.max mm								380.00
Lenght.mean mm								297.00
Lenght.min mm								220.00
No of individ.in sub-sample								21.00
Weight g								339.00
HG ppm w.wt +..+..+.								0.111n
PCB ppb w.wt ?..+....								50n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°13.10N Longitude: 5°59.50E

Sampling date (YYMMDD) =>	960817	981115	990927	001013	011012	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	15.00	19.00	25.00	25.00	25.00	23.00
B Age year	4.97	6.57	3.48	3.72	4.84	4.45
Count Max	3.00	4.00	5.00	5.00	5.00	
Count Min	3.00	3.00	5.00	5.00	5.00	
Dry %	30.87	37.22	47.28	47.94	44.62	43.47
Fat %	15.87	22.21	31.54	33.42	27.60	27.90
Lenght.max mm	350.00	421.25	482.00	623.60	440.00	482.81
Lenght.mean mm	323.67	399.00	412.40	493.80	417.20	421.18
Lenght.min mm	291.67	367.50	342.00	422.00	386.00	369.90
No of individ.in sub-sample	5.00	4.75	5.00	5.00	5.00	4.97
Tissue weight g	8.45	43.21	46.38	60.84	55.56	47.15
Weight g	425.60	1105.35	1308.64	1541.88	1325.87	1235.47
Weight ppb w.wt	<<35.00					<<35.00
CD ppm w.wt ?..+....	3.05n	0.19f	0.18f	0.18f	0.07	1.62n
CU ppm w.wt ?..+....	12.65	8.10	18.64	10.87	11.34	15.65
PB ppm w.wt ?..+....	0.69n	<<0.05	<<0.03	<<0.03	<<0.03	<<0.25
ZN ppb w.wt ?..+....		128.2	<<73.6	<<60.1	38.0	38.0
ZN ppm w.wt ?..+....	35.5	34.6	64.4n	61.3n	64.9n	63.1n
CB28 ppb w.wt ?..+....	1.0	<1.7	<<2.0	<<2.0	<0.8	<<2.0
CB52 ppb w.wt ?..+....	3.3	3.6	<2.5	3.2	1.9	3.6
CB101 ppb w.wt ?..+....	11.3	12.2	6.4	7.2	5.2	7.6
CB105 ppb w.wt ?..+....	4.0	3.7	<<2.1	2.6	2.0	<2.7
CB118 ppb w.wt ?..+....	11.3	11.7	5.9	5.5	4.7	6.9
CB138 ppb w.wt ?..+....	22.7	22.6	12.0	10.1	8.0	13.2
CB153 ppb w.wt ?..+....	31.0	27.5	16.6	13.2	9.9	17.2
CB156 ppb w.wt ?..+....	3.3	1.8	<<2.0	<<2.0	<<0.6	<<1.8
CB180 ppb w.wt ?..+....	11.0n	6.5	4.2	3.8	2.7	4.8
CB209 ppb w.wt ?..+....	<<1.0	<<0.7	<<2.0	<<2.0	<<0.6	<<1.4
CB Σ7 ppb w.wt ?..+....	92	<85	<<49	<<45	<33	<<54
CB ΣΣ ppb w.wt ?..+....	<<100n	<<90	<<50	<<47	<<36	<<57
DDEPP ppb w.wt ?..+....	23.3	76.5n	44.2n	35.0n	23.4	38.1n
DDTPP ppb w.wt ?..+....	<<2.0	15.9	<<10.6	7.2	4.7	<<7.9
TDEPP ppb w.wt ?..+....	2.7	28.5	15.0	12.8	7.3	12.7
DD Σ4 ppb w.wt ?..+....	<<32.0n	121.0n	<<69.8n	55.0n	35.4n	<<59.2n
HCHA ppb w.wt ?..+....	<<1.0	1.8	<<2.0	<<2.0	1.0	1.8
HCHG ppb w.wt ?..+....	1.7	5.4	3.4	3.1	1.7	4.4
HC Σ2 ppb w.wt ?..+....	<<2.7	7.2	<<5.4	<<5.1	2.6	<<4.5
HCB ppb w.wt ?..+....	6.0n	5.5n	3.7	4.0	4.4	5.5n
QCB ppb w.wt ?..+....	<<1.0	<0.6	<<1.0	<<1.0	<<0.3	<<1.0
OCS ppb w.wt ?..+....	<<1.0	<<0.3	<<1.0	<<1.0	<<0.3	<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe

Sampl.area : J62 Hardangerfjorden, Tissue: Fillet

Locality : 67B Strandebarm, Latitude: 60°13.10N Longitude: 5°59.50E

Sampling date (YYMMDD) =>	960817	981115	990927	001013	011012	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	15.00	19.00	25.00	25.00	25.00	23.00
B Age year	4.97	6.57	3.48	3.72	4.84	4.45
Count Max	3.00	4.00	5.00	5.00	5.00	5.00
Count Min	3.00	4.00	5.00	5.00	5.00	5.00
Dry %	19.87	20.40	23.96	26.10	24.94	23.78
Fat %	0.15	0.87	1.49	1.70	1.31	1.25
Lenght.max mm	350.00	421.25	482.00	623.60	440.00	482.81
Lenght.mean mm	323.67	399.00	412.40	493.80	417.20	421.18
Lenght.min mm	291.67	367.50	342.00	422.00	386.00	369.90
No of individ.in sub-sample	5.00	4.75	5.00	5.00	5.00	4.97
Tissue weight g	16.85	16.25	10.11	10.26	86.75	30.92
Weight g	425.60	1105.35	1308.64	1541.88	1325.87	1235.47
HG ppm w.wt +.+.+.+	0.175n	0.052	0.038	0.074	0.054	0.114n
ZN ppb w.wt ?.+....	<<1.0					<1.0
CB28 ppb w.wt ...+....	<<0.0	<<0.3	<<0.1	<<0.1	<<0.1	<<0.2
CB52 ppb w.wt ...+....	0.1	<0.2	0.1	0.1	0.1	0.1
CB101 ppb w.wt ...+....	0.2	0.6	0.3	0.3	0.2	0.3
CB105 ppb w.wt ...+....	0.1	<<0.1	<0.1	<0.1	0.1	<<0.1
CB118 ppb w.wt ...+....	0.1	0.5	0.2	0.2	0.2	0.2
CB138 ppb w.wt ...+....	0.2	0.9	0.4	0.4	0.3	0.4
CB153 ppb w.wt ...+....	0.3	1.0	0.6	0.5	0.4	0.5
CB156 ppb w.wt ...+....	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB180 ppb w.wt ...+....	0.1	<<0.3	0.2	0.1	0.1	<0.1
CB209 ppb w.wt ...+....	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB Σ7 ppb w.wt +.+.+.+	<<1	<<4	<<2	<<2	<<1	<<2
CB ΣΣ ppb w.wt ?.+....	<<1	<<4	<<2	<<2	<<2	<<2
DDEPP ppb w.wt ?.+....	0.7	2.7n	1.5	1.3	0.8	1.3
DDTTPP ppb w.wt ?.+....		<0.6				<<0.6
TDEPP ppb w.wt ?.+....	0.2	1.0	2.4n	0.5	0.3	<<1.3
DD Σ4 ppb w.wt +.+.+.+	0.9	<4.3n	2.1n	1.8	1.1	<1.9
HCHA ppb w.wt ?.+....	<<0.0	<<0.1	0.1	<<0.1	<<0.1	0.1
HCHG ppb w.wt ?.+....	0.1	0.3	0.3	0.1	<0.1	0.3
HC Σ2 ppb w.wt ?.+....	<<0.1	<<0.5	0.3	<<0.2	<<0.1	<<0.2
HCB ppb w.wt +.+.+.+	0.1	0.3n	0.2	0.2	0.2	0.3n
QCB ppb w.wt ...+....	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0
OCS ppb w.wt ...+....	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21F Åkrefjord, Latitude: 59°45.0N Longitude: 6°7.0E

Sampling date (YYMMDD) =>	991122	001016	011201	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
C no in sample	11.00	25.00	25.00	20.33
Age year		1.60		1.60
Count Max		1.00		
Count Min		1.00		
Dry %		20.00		20.00
Fat %		2.60		2.60
Lenght.max mm		200.00		200.00
Lenght.mean mm		192.00		192.00
Lenght.min mm		190.00		190.00
No of individ.in sub-sample		5.00		5.00
Tissue weight g		0.68		0.68
Weight g		71.90		71.90
ZN ppb w.wt ?..+....		<<2.8		<2.8
CB28 ppb w.wt ?..+....		<<0.2		<<0.2
CB52 ppb w.wt ?..+....		<<0.2		<<0.2
CB101 ppb w.wt ?..+....		0.3		0.3
CB105 ppb w.wt ?..+....		<<0.2		<<0.2
CB118 ppb w.wt ?..+....		0.4		0.4
CB138 ppb w.wt ?..+....		1.3		1.3
CB153 ppb w.wt ?..+....		1.9		1.9
CB156 ppb w.wt ?..+....		<<0.2		<<0.2
CB180 ppb w.wt ?..+....		0.5		0.5
CB209 ppb w.wt ?..+....		<<0.2		<<0.2
CB Σ7 ppb w.wt ?..+....		<<5		<<5
CB ΣΣ ppb w.wt ?..+....		<<5		<<5
DDEPP ppb w.wt ?..+....		2.0		2.0
TDEPP ppb w.wt ?..+....		0.4		0.4
DD Σ4 ppb w.wt ?..+....		2.4		2.4
HCHA ppb w.wt ?..+....		<<0.2		<<0.2
HCHG ppb w.wt ?..+....		0.2		0.2
HC Σ2 ppb w.wt ?..+....		<<0.4		<<0.4
HCB ppb w.wt ?..+....		0.3		0.3
QCB ppb w.wt ?..+....		<<0.1		<<0.1
OCS ppb w.wt ?..+....		<<0.2		<<0.2
B Age year		2.15	4.48	3.70
Count Max	3.00	4.00	5.00	
Count Min	1.00	4.00	5.00	
Dry %	44.50	29.28	33.38	37.01
Fat %	21.67	11.88	16.20	17.52
Lenght.max mm	313.33	252.50	359.00	319.43
Lenght.mean mm	300.00	230.00	343.80	303.52
Lenght.min mm	283.33	212.50	327.00	286.63
No of individ.in sub-sample	3.67	5.00	5.00	4.47
Tissue weight g	7.66	2.26	12.88	8.67
Weight g	403.93	149.85	575.32	421.67
CD ppm w.wt ?..+....	0.05	0.10f	0.12f	0.09
CU ppm w.wt ?..+....	8.30	10.38	11.13	9.94

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21F Åkrefjord, Latitude: 59°45.0N Longitude: 6°7.0E

Sampling date (YYMMDD) =>				991122	001016	011201	Mean
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean
PB	ppm	w.wt	?..+....	<<0.04	<<0.06	<0.08	<<0.06
ZN	ppb	w.wt	?.....	<<23.4	<<9.6	38.8	<<9.6
ZN	ppm	w.wt	?.....	66.6n	45.0	59.5	57.1
CB28	ppb	w.wt	?..+....	<<1.7	<<1.2	1.2	<<1.4
CB52	ppb	w.wt	?..+....	<<3.3	<<1.2	3.9	<<2.8
CB101	ppb	w.wt	?..+....	4.5	<1.7	4.7	<<3.6
CB105	ppb	w.wt	.....	<<2.9	<<1.2	2.2	<<2.1
CB118	ppb	w.wt	?..+....	5.1	<1.8	5.9	<<4.3
CB138	ppb	w.wt	?..+....	9.6	4.1	8.2	7.3
CB153	ppb	w.wt	?..+....	12.8	4.9	11.7	9.8
CB156	ppb	w.wt	.....	<<1.7	<<1.2	0.7	<<1.2
CB180	ppb	w.wt	?..+....	3.6	<1.4	2.9	<<2.6
CB209	ppb	w.wt	.....		<<1.2	<<0.3	<<0.7
CB Σ7	ppb	w.wt	?..+....	<<39	<<14	39	<<31
CB ΣΣ	ppb	w.wt	?..+....	<<42	<<14	<<42	<<33
DDEPP	ppb	w.wt	?..+....	13.2	6.6	26.2	15.3
TDEPP	ppb	w.wt	?..+....	5.9	<<9.6	38.8n	<<10.8
DD Σ4	ppb	w.wt	?..+....	19.0	<<8.7	37.2n	<<21.6
HCHA	ppb	w.wt	?..+....	<<1.4	<<1.2	0.6	<<1.1
HCHG	ppb	w.wt	?..+....	3.0	<1.4	1.0	<<1.8
HC Σ2	ppb	w.wt	?..+....	<<4.4	<<2.0	1.6	<<2.7
HCB	ppb	w.wt	?..+....	3.1	1.7	3.2	2.7
QCB	ppb	w.wt	.....	<<1.4	<<0.6	0.3	<<0.7
OCS	ppb	w.wt	.....	<<1.4	<<1.2	<<0.3	<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichthys flesus, GB: Flounder N: Skrubbe

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21F Åkrefjord, Latitude: 59°45.0N Longitude: 6°7.0E

Sampling date (YYMMDD) =>	991122	001016	011201	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
C no in sample	11.00	25.00	25.00	20.33
Age year		1.60		1.60
Count Max		1.00		
Count Min		1.00		
Dry %		18.70		18.70
Fat %		0.09		0.09
Lenght.max mm		200.00		200.00
Lenght.mean mm		192.00		192.00
Lenght.min mm		190.00		190.00
No of individ.in sub-sample		5.00		5.00
Tissue weight g		8.76		8.76
Weight g		71.90		71.90
HG ppm w.wt +.+.+.+		0.085		0.085
CB28 ppb w.wt ...+....		<<0.0		<<0.0
CB52 ppb w.wt ...+....		<<0.0		<<0.0
CB101 ppb w.wt ...+....		<<0.0		<<0.0
CB105 ppb w.wt+.		<<0.0		<<0.0
CB118 ppb w.wt ...+....		<<0.0		<<0.0
CB138 ppb w.wt ...+....		0.0		0.0
CB153 ppb w.wt ...+....		0.1		0.1
CB156 ppb w.wt+.		<<0.0		<<0.0
CB180 ppb w.wt ...+....		<<0.0		<<0.0
CB209 ppb w.wt+.		<<0.0		<<0.0
CB Σ7 ppb w.wt +.+.+.+		<<0		<<0
CB ΣΣ ppb w.wt ?..+....		<<0		<<0
DDEPP ppb w.wt ?..+....		0.1		0.1
TDEPP ppb w.wt ?..+....		<<0.2		<<0.1
DD Σ4 ppb w.wt +.+.+.+		<<0.2		<<0.2
HCHA ppb w.wt ?..+....		<<0.0		<<0.0
HCHG ppb w.wt ?..+....		<<0.0		<<0.0
HC Σ2 ppb w.wt ?..+....		<<0.0		<<0.0
HCB ppb w.wt +.+.+.+		0.0		0.0
QCB ppb w.wt+.		<<0.0		<<0.0
OCS ppb w.wt+.		<<0.0		<<0.0
B Age year		2.15	4.48	3.70
Count Max	3.00	4.00	5.00	
Count Min	1.00	4.00	2.00	
Dry %	25.13	19.55	20.96	22.35
Fat %	0.93	0.20	0.62	0.66
Lenght.max mm	313.33	252.50	359.00	319.43
Lenght.mean mm	300.00	230.00	343.80	303.52
Lenght.min mm	283.33	212.50	327.00	286.63
No of individ.in sub-sample	3.67	5.00	5.00	4.47
Tissue weight g	25.46	9.31	36.49	26.64
Weight g	403.93	149.85	575.32	421.67
HG ppm w.wt +.+.+.+	0.084	0.077	0.037	0.066
ZN ppb w.wt ?.....	<<0.6			<<0.6

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21F Åkrefjord, Latitude: 59°45.0N Longitude: 6°7.0E

Sampling date (YYMMDD) =>				991122	001016	011201	Mean
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean
CB28	ppb	w.wt	...+....	<<0.1	<<0.0	<<0.1	<<0.1
CB52	ppb	w.wt	...+....	<<0.1	<<0.0	0.2	<<0.1
CB101	ppb	w.wt	...+....	<<0.1	<<0.0	<0.2	<<0.1
CB105	ppb	w.wt	.....	<<0.1	<<0.0	<<0.2	<<0.1
CB118	ppb	w.wt	...+....	<<0.1	<<0.0	0.3	<<0.2
CB138	ppb	w.wt	...+....	<<0.2	<0.1	0.4	<<0.2
CB153	ppb	w.wt	...+....	<<0.2	<0.1	0.4	<<0.2
CB156	ppb	w.wt	.....	<<0.1	<<0.0	<<0.1	<<0.1
CB180	ppb	w.wt	...+....	<<0.1	<<0.0	<<0.1	<<0.1
CB209	ppb	w.wt	.....	<<0.1	<<0.0	<<0.1	<<0.1
CB Σ7	ppb	w.wt	+..+....	<<1	<<0	<<2	<<1
CB ΣΣ	ppb	w.wt	?..+....	<<1	<<0	<<2	<<1
DDEPP	ppb	w.wt	?..+....	0.3	0.1	0.7	0.4
TDEPP	ppb	w.wt	?..+....	<<0.6	<<0.2	<<1.0	<<0.4
DD Σ4	ppb	w.wt	+..+....	<<0.4	<<0.2	<<1.0	<<0.5
HCHA	ppb	w.wt	?..+....	<<0.1	<<0.0	<<0.1	<<0.1
HCHG	ppb	w.wt	?..+....	<<0.1	<<0.0	<<0.1	<<0.1
HC Σ2	ppb	w.wt	?..+....	<<0.2	<<0.1	<<0.1	<<0.1
HC	ppb	w.wt	+..+....	0.1	0.0	0.1	0.1
QCB	ppb	w.wt	.....	<<0.0	<<0.0	<<0.0	<<0.0
OCS	ppb	w.wt	.....	<<0.1	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>		941000
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	1.00
	Age year	7.00
	Count Max	1.00
	Count Min	1.00
	Dry %	30.20
	Fat %	15.20
	Lenght.mean mm	410.00
	No of individ.in sub-sample	1.00
	Tissue weight g	17.03
	Weight g	725.80
	Weight ppb w.wt	<<13.00
	CD ppm w.wt ?..+....	0.17f
	CU ppm w.wt ?..+....	3.10
	PB ppm w.wt ?..+....	0.08
	ZN ppm w.wt ?..+....	46.5
	CB28 ppb w.wt ?..+....	2.0
	CB52 ppb w.wt ?..+....	3.0
	CB101 ppb w.wt ?..+....	4.0
	CB105 ppb w.wt	1.0
	CB118 ppb w.wt ?..+....	5.0
	CB138 ppb w.wt ?..+....	6.0
	CB153 ppb w.wt ?..+....	12.0
	CB156 ppb w.wt	1.0
	CB180 ppb w.wt ?..+....	4.0
	CB209 ppb w.wt	<<1.0
	CB Σ7 ppb w.wt ?..+....	36
	CB ΣΣ ppb w.wt ?..+....	<<39
	DDEPP ppb w.wt ?..+....	9.0
	TDEPP ppb w.wt ?..+....	<<1.0
	DD Σ4 ppb w.wt ?..+....	<<10.0
	HCHA ppb w.wt ?..+....	1.0
	HCHG ppb w.wt ?..+....	2.0
	HC Σ2 ppb w.wt ?..+....	3.0
	HCB ppb w.wt ?..+....	1.0
	QCB ppb w.wt	<<1.0
	OCS ppb w.wt	<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLAT FLE, Platichtys flesus, GB: Flounder N: Skrubbe

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>		941000
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	1.00
	Age year	7.00
	Count Max	1.00
	Count Min	1.00
	Dry %	22.10
	Fat %	0.14
	Lenght.mean mm	410.00
	No of individ.in sub-sample	1.00
	Weight g	725.80
	HG ppm w.wt +.+.+.+	0.029
	ZN ppb w.wt ?.+....	<<0.2
	CB28 ppb w.wt ...+....	<<0.0
	CB52 ppb w.wt ...+....	0.0
	CB101 ppb w.wt ...+....	0.0
	CB105 ppb w.wt	<<0.0
	CB118 ppb w.wt ...+....	0.0
	CB138 ppb w.wt ...+....	0.0
	CB153 ppb w.wt ...+....	0.1
	CB156 ppb w.wt	<<0.0
	CB180 ppb w.wt ...+....	<<0.0
	CB209 ppb w.wt	<<0.0
	CB Σ7 ppb w.wt +.+.+.+	<<0
	CB ΣΣ ppb w.wt ?.+....	<<0
	DDEPP ppb w.wt ?.+....	0.1
	TDEPP ppb w.wt ?.+....	<<0.0
	DD Σ4 ppb w.wt +.+.+.+	<<0.1
	HCHA ppb w.wt ?.+....	0.0
	HCHG ppb w.wt ?.+....	0.1
	HC Σ2 ppb w.wt ?.+....	0.1
	HCB ppb w.wt +.+.+.+	0.0
	QCB ppb w.wt	<<0.0
	OCS ppb w.wt	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 36F Færder area, Latitude: 59°4.0N Longitude: 10°23.0E

Sampling date (YYMMDD) =>	901101	911201	921215	931201	941200	951115	961215	971012	990105	991027	001026	011025	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
B Age year	3.20		5.00	5.60	4.20	4.60	4.40	5.28	5.40	3.40	3.68	3.96	4.27
Count Max	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Count Min	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	3.00	5.00	5.00	5.00
Dry %	43.54	35.65	34.26	33.28	33.80	33.90	39.00	34.86	27.02	46.55	37.12	40.24	37.54
Fat %	28.80	21.88	18.62	16.52	18.00	18.04	23.10	17.99	11.60	29.70	26.80	23.40	22.29
Lenght.max mm	266.00	306.00	313.00	292.00	298.00	284.00	314.00	297.00	305.00	290.00	283.00	291.00	293.53
Lenght.mean mm	257.20	289.20	301.40	282.00	282.00	281.20	290.40	278.80	297.20	279.00	278.60	281.20	282.47
Lenght.min mm	254.00	272.00	290.00	276.00	270.00	276.00	278.00	270.00	291.00	271.00	272.00	274.00	274.07
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Tissue weight g	3.32	4.98	5.28	3.27	3.29		4.33	3.20	4.40	3.51	3.57	3.57	3.81
Weight g	201.60	292.00	300.70	253.38	257.30	252.10	266.72	250.12	288.72	241.54	250.76	239.54	255.09
CD ppm w.wt ?..+....	0.10f	0.10	0.24f	0.26f	0.14f	0.16f	0.15f	0.15f	0.21f	0.23f	0.15f	0.24f	0.24f
CU ppm w.wt ?.....	14.00n	7.14	8.82	8.31	7.02	8.88	8.05	9.72	9.00	15.24n	7.23	10.58n	8.88
PB ppm w.wt ?..+....	0.68n	0.07	0.04	0.07	<<0.03	<<0.02	0.04	<0.06	0.06	0.05	<0.06	0.04	0.07
ZN ppb w.wt ?.....	55.0	<<42.8	<<34.4	<<24.8	59.4	44.0	51.8	39.6	<<22.2	61.8	55.6	39.0	47.3
ZN ppm w.wt ?.....	48.0	27.1	33.2	33.6	29.2	27.6	34.3	35.5	34.3	40.2	28.9	39.3	40.2
CB28 ppb w.wt ?..+....	3.3	3.0	<<5.0	2.8	3.8	4.0	4.4	4.0	3.0	3.6	6.0n	7.9n	6.9n
CB52 ppb w.wt ?..+....	<3.0	<<3.0	<<5.6	3.0	7.8	6.4	9.5	<<2.0	6.3	8.2	14.0n	19.4n	8.9
CB101 ppb w.wt ?..+....	9.3	9.5	11.6	13.2	32.2n	30.0n	43.7n	31.2n	20.6n	33.4n	42.6n	63.2n	32.0n
CB105 ppb w.wt ?.....		11.0	15.0	21.6	22.8	25.2	29.5	28.2	17.0	23.6	41.8	36.0	26.7
CB118 ppb w.wt ?..+....	53.3	38.0	54.4	86.0	68.8	76.2	82.0	80.8	53.0	64.2	128.8n	115.2n	80.6
CB138 ppb w.wt ?..+....	84.5	60.3	92.2	124.0	109.2	131.2	140.6	117.0	83.0	121.6	218.0n	174.0n	131.3
CB153 ppb w.wt ?..+....	127.5	95.3	141.6	180.6	150.8	171.2	177.8	140.4	107.8	161.6	302.0n	212.0n	176.3
CB156 ppb w.wt ?.....		4.0	<<6.4	10.0	9.2	11.2	13.3	9.0	4.5	8.6	17.2	10.2	<10.0
CB180 ppb w.wt ?..+....	16.0	11.8	22.2	30.0	32.2	37.4	38.0	20.8	16.6	32.4	50.6n	36.4	30.9
CB209 ppb w.wt ?.....	10.8	9.3	9.6	8.2	12.6	13.2	9.6	<<3.2	<<2.3	13.7	5.9	4.2	<8.4
CB Σ7 ppb w.wt ?..+....	<297	<<221	<<329	440	405	456	496	<<396	290	425	762n	628n	<<464
CB ΣΣ ppb w.wt ?..+....	<308	<<245	<<358	479	449	506n	548n	<<436	<<314	465	827n	678n	<<506n
DDEPP ppb w.wt ?..+....	31.5	32.8	29.4	22.4	48.4	37.0	39.7	27.8	18.8	50.2	43.6	29.6	35.6
TDEPP ppb w.wt ?..+....		4.8	<<5.0	<<1.0	4.6	2.6	5.0	4.4	<<3.0	6.4	7.0	6.5	<5.0
DD Σ4 ppb w.wt ?..+....	31.5	37.5	<<34.4	<<23.4	53.0	39.6	44.7	32.2	<<21.8	56.6	50.6	36.1	<40.3
HCHA ppb w.wt ?..+....	14.3	<<3.0	<<5.0	<<1.0	2.0	1.6	1.4	2.4	<<2.0	1.4	1.6	0.9	6.0
HCHG ppb w.wt ?..+....	9.3	<3.0	<<5.0	<1.4	4.4	2.8	5.7	5.0	<<2.0	3.8	3.4	2.0	9.3
HC Σ2 ppb w.wt ?..+....	23.5	<<5.3	<<5.0	<<2.2	6.4	4.4	7.1	7.4	<<2.4	5.2	5.0	2.9	<<6.0
HCB ppb w.wt ?..+....	5.5	<<3.0	<<5.0	2.4	2.6	2.0	2.1	2.8	<1.0	2.7	2.6	2.6	3.3
QCB ppb w.wt ?.....	<<2.5	<<3.0	<<5.0	<<1.0	<<1.0	<<1.0	<<0.5	5.2	<<0.8	<<0.5	<<0.5	<<0.3	<<3.9
OCS ppb w.wt ?.....	<<2.3	<<3.0	<<5.0	<<1.0	<<1.0	<<1.0	<<0.5	<<2.0	<<0.8	<<0.6	<<1.1	0.8	<<2.6
EPOCL ppb w.wt ?.....	6153	3615											4884

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 36F Færder area, Latitude: 59°4.0N Longitude: 10°23.0E

Sampling date (YYMMDD) =>	901101	911201	921215	931201	941200	951115	961215	971012	990105	991027	001026	011025	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
B Age year	3.20		5.00	5.60	4.20	4.60	4.40	5.28	5.40	3.40	3.68	3.96	4.27
Count Max	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Count Min	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Dry %	21.64	20.44	19.44	19.78	21.34	20.94	20.50	21.24	19.38	21.48	20.68	20.42	20.66
Fat %	0.72	0.80	0.46	0.32	0.27	0.64	0.62	0.38	0.48	0.52	0.55	0.60	0.53
Lenght.max mm	266.00	306.00	313.00	292.00	298.00	284.00	314.00	297.00	305.00	290.00	283.00	291.00	293.53
Lenght.mean mm	257.20	289.20	301.40	282.00	282.00	281.20	290.40	278.80	297.20	279.00	278.60	281.20	282.47
Lenght.min mm	254.00	272.00	290.00	276.00	270.00	276.00	278.00	270.00	291.00	271.00	272.00	274.00	274.07
No of individ.in sub-sample	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Tissue weight g							15.00	14.94	15.00	18.19	10.47	16.04	14.93
Weight g	201.60	292.00	300.70	253.38	257.30	252.10	266.72	250.12	288.72	241.54	250.76	239.54	255.09
HG ppm w.wt ?..+..+	0.072	0.074	0.097	0.090	0.063	0.072	0.063	0.060	0.079	0.054	0.077	0.067	0.072
ZN ppb w.wt	2.0												2.0
CB28 ppb w.wt ...+....	<0.1	0.1	<<0.1	<<0.1	0.1	<0.1	0.1	0.1	<0.3	<<0.1	0.1	<0.1	<<0.1
CB52 ppb w.wt ...+....	<<0.1	0.1	<<0.1	<<0.1	0.1	0.2	0.3	<<0.0	0.3	0.1	0.2	0.4	0.4
CB101 ppb w.wt ...+....	0.5	0.4	0.2	0.2	0.4	0.6	0.9	0.4	0.8	0.3	0.6	1.0	0.6
CB105 ppb w.wt ...+....		0.3	0.4	0.4	0.3	0.6	0.8	0.4	0.9	0.3	0.6	0.6	0.5
CB118 ppb w.wt ...+....	2.3	1.1	1.2	1.4	1.0	1.7	2.1	1.0	2.5	0.6	1.8	1.9	1.5
CB138 ppb w.wt ...+....	3.4	1.7	1.9	2.1	1.6	2.7	2.9	1.5	4.1	1.2	3.1	2.6	2.4
CB153 ppb w.wt ...+....	4.5	2.5	2.6	3.0	1.9	3.5	3.5	1.6	5.1	1.5	4.2	3.3	3.1
CB156 ppb w.wt ...+....		<0.1	0.1	0.2	0.1	0.3	0.3	0.1	0.2	<<0.1	0.2	0.2	<0.2
CB180 ppb w.wt ...+....	0.5	0.3	0.4	0.4	0.4	0.8	0.7	0.2	0.7	0.3	0.6	0.5	0.5
CB209 ppb w.wt ...+....	<<0.2	0.2	0.2	<0.1	0.1	0.2	0.1	<<0.0	<0.2	0.1	0.1	<<0.1	<<0.1
CB Σ7 ppb w.wt ?..+....	<<12n	6	<<6	<<7	5	<10	11n	<<5	<14n	<<4	11n	<10	<<8
CB ΣΣ ppb w.wt ?..+....	<<12n	<7	<<7	<<8	6	<11n	12n	<<5	<15n	<<4	12n	<<11n	<<9
DDEPP ppb w.wt ?..+....	1.1	1.1	0.9	0.5	0.8	0.9	0.9	0.4	0.9	0.5	0.6	0.5	0.7
TDEPP ppb w.wt ?..+....		<0.1	<<1.1	<<0.7	1.2	0.1	1.4	0.7	<<1.2	<<0.7	<<0.7	<<0.6	<<0.5
DD Σ4 ppb w.wt ?..+....	1.1	<1.2	<<1.0	<<0.6	1.0	1.0	1.0	0.5	<<1.0	<<0.6	<<0.6	<<0.6	<<0.8
HCHA ppb w.wt ?..+....	0.6	<<0.1	<<0.1	<<0.1	0.1	<<0.0	0.1	0.1	<<0.1	<<0.1	<<0.0	<<0.1	0.3
HCHG ppb w.wt ?..+....	0.4	0.1	0.1	<<0.1	0.2	0.2	0.3	0.2	<0.1	0.1	0.1	<<0.1	0.3
HC Σ2 ppb w.wt ?..+....	1.0	<<0.1	<<0.2	<<0.2	0.2	<<0.2	0.4	0.2	<<0.2	<<0.1	<<0.1	<<0.1	<<0.2
HCB ppb w.wt ?..+....	0.2	0.1	0.1	<<0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	<0.1	0.1
QCB ppb w.wt	<<0.1	<<1.3	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<1.3
OCS ppb w.wt	<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 77B Borøy area, Latitude: 58°33.0N Longitude: 9°1.0E

Sampling date (YYMMDD) =>		911101
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Count Max		3.00
Count Min		3.00
Dry %		26.03
Fat %		9.80
Lenght.max mm		303.33
Lenght.mean mm		291.33
Lenght.min mm		276.67
No of individ.in sub-sample		5.00
Tissue weight g		5.11
Weight g		283.67
CD ppm w.wt ?..+....		0.19f
CU ppm w.wt ?.....		5.07
PB ppm w.wt ?..+....		0.22
ZN ppb w.wt ?.....		<<19.3
ZN ppm w.wt ?.....		33.7
CB28 ppb w.wt ?..+....		1.3
CB52 ppb w.wt ?..+....		1.0
CB101 ppb w.wt ?..+....		2.3
CB105 ppb w.wt		4.0
CB118 ppb w.wt ?..+....		11.0
CB138 ppb w.wt ?..+....		14.7
CB153 ppb w.wt ?..+....		26.7
CB156 ppb w.wt		<<1.0
CB180 ppb w.wt ?..+....		4.7
CB209 ppb w.wt		10.7
CB Σ7 ppb w.wt ?..+....		62
CB ΣΣ ppb w.wt ?..+....		<<77
DDEPP ppb w.wt ?..+....		14.0
TDEPP ppb w.wt ?..+....		2.7
DD Σ4 ppb w.wt ?..+....		16.7
HCHA ppb w.wt ?..+....		<<1.0
HCHG ppb w.wt ?..+....		1.7
HC Σ2 ppb w.wt ?..+....		<<2.7
HCB ppb w.wt ?..+....		1.3
QCB ppb w.wt		<<1.0
OCS ppb w.wt		1.7
EPOCL ppb w.wt		487

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 15F Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>	911025	931201	941000	951201	961231	970924	981115	991020	000120	010927	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	16.00	8.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	22.83
B Age year	2.33	4.50	3.75	4.20	4.80	5.48	5.68	3.04	3.04	3.88	3.97
Count Max	3.00	2.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Count Min	3.00	2.00	3.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Dry %	40.93	44.85	33.07	38.06	35.08	35.94	34.76	44.92	36.42	41.22	39.28
Fat %	22.80	24.65	18.50	21.54	17.68	21.70	19.10	28.62	23.00	27.80	23.48
Lenght.max mm	333.33	332.50	283.75	311.00	327.00	315.00	329.00	326.00	304.00	343.20	322.83
Lenght.mean mm	317.67	288.00	275.50	297.80	318.00	306.20	315.60	317.60	292.60	330.68	308.99
Lenght.min mm	300.00	250.00	263.75	288.00	305.00	298.00	308.00	308.00	285.00	322.20	296.51
No of individ.in sub-sample	5.33	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.94
Tissue weight g	7.69	5.10	3.96		5.83	5.53	6.54	3.94	4.96	5.23	5.27
Weight g	340.00	278.45	240.55	320.92	363.36	328.88	368.36	341.68	290.10	366.85	328.97
CD ppm w.wt ?..+....		0.10f	0.15f	0.15f	0.18f	0.09	0.20f	0.24f	0.16f	0.31n	0.31n
CU ppm w.wt ?.....	3.18	4.13	3.23	6.90	8.92	2.17	9.38	11.01n	6.06	7.49	7.49
PB ppm w.wt ?..+....	0.07	0.04	<<0.03	<<0.02	<<0.04	<<0.05	<<0.04	<<0.03	<<0.04	0.05	0.05
ZN ppb w.wt ?.....	<<59.0	<<22.5	33.0	<<15.6	30.0	36.0	<<21.4	<<50.5	<<26.6	49.0	49.0
ZN ppm w.wt ?.....	25.1	29.9	24.6	34.9	36.5	21.6	35.0	40.2	34.7	35.4	36.5
CB28 ppb w.wt ?..+....	2.3	<<2.0	<<1.0	<<2.0	0.7	<<0.5	<<2.0	<<1.8	<<1.1	1.3	1.3
CB52 ppb w.wt ?..+....	3.7	<<2.5	2.7	2.8	1.2	<0.9	<<2.0	<<2.0	<1.6	3.7	3.7
CB101 ppb w.wt ?..+....	11.0	5.5	7.0	5.6	4.3	4.4	4.3	7.6	4.6	8.7	6.6
CB105 ppb w.wt ?.....	6.3	3.0	3.0	3.0	3.1	3.6	3.0	3.8	2.4	4.1	3.6
CB118 ppb w.wt ?..+....	17.7	9.5	9.8	9.0	9.4	9.4	6.7	13.1	7.4	13.0	10.9
CB138 ppb w.wt ?..+....	35.3	14.5	19.0	17.8	16.9	22.2	14.0	28.0	15.4	29.8	22.6
CB153 ppb w.wt ?..+....	54.0	22.5	28.3	26.4	24.1	28.2	19.6	37.4	21.2	38.8	31.4
CB156 ppb w.wt ?.....	2.3	<<2.5	2.0	2.4	1.7	2.2	<<2.0	<<1.8	<<1.2	1.7	<<1.9
CB180 ppb w.wt ?..+....	9.7	5.5	8.5	7.0	6.1	7.6	3.9	7.2	4.1	8.5	7.0
CB209 ppb w.wt ?.....	2.3	<<8.0	4.0	2.8	1.0	<1.2	<<2.0	<<1.8	<<1.1	<<0.7	<<2.3
CB Σ7 ppb w.wt ?..+....	134	<<61	<<76	<<71	63	<<73	<<50	<<96	<<55	104	<<82
CB ΣΣ ppb w.wt ?..+....	145	<<73	<<86	<<79	68	<<80	<<54	<<101	<<58	<<110	<<89
DDEPP ppb w.wt ?..+....	43.0	14.0	23.5	9.0	21.0	24.0	14.5	40.6	20.6	40.4	27.6
TDEPP ppb w.wt ?..+....	11.0	<<2.0	3.3	<<2.0	2.4	4.1	<<3.0	4.3	2.1	5.4	<4.1
DD Σ4 ppb w.wt ?..+....	54.0	<<16.0	26.8	<<11.0	23.4	28.1	<<17.5	44.9	22.7	45.8	<31.7
HCHA ppb w.wt ?..+....	<<2.0	2.5	3.3	<2.0	1.4	2.0	<<2.0	<<1.8	<<1.1	0.9	0.9
HCHG ppb w.wt ?..+....	3.0	4.0	3.0	3.0	5.2	5.9	3.9	3.7	2.8	2.3	4.1
HC Σ2 ppb w.wt ?..+....	<<5.0	6.5	6.3	<5.0	6.6	7.9	<<5.9	<<5.5	<<3.9	3.3	<<5.4
HCB ppb w.wt ?..+....	4.3	4.0	3.5	<2.4	2.7	3.5	2.9	<4.0	3.3	6.8	5.6
QCB ppb w.wt ?.....	<<2.0	<<2.0	<<1.0	<<2.0	<<0.5	<0.6	<<1.0	<<0.9	<<0.5	<0.4	<<1.2
OCS ppb w.wt ?.....	2.3	<<3.0	<1.0	<<2.0	<<0.5	<<0.5	<<1.0	<<0.9	<<1.1	0.6	0.6
EPOCL ppb w.wt ?.....	296137										296137

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, *Limanda limanda*, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 15F Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>	911025	931201	941000	951201	961231	970924	981115	991020	000120	010927	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	16.00	8.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	22.83
B Age year	2.33	4.50	3.75	4.20	4.80	5.48	5.68	3.04	3.04	3.88	3.97
Count Max	3.00	2.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Count Min	3.00	2.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	
Dry %	21.37	22.35	21.03	20.68	20.20	21.86	21.32	20.20	20.16	22.34	21.17
Fat %	0.87	0.38	0.20	0.55	0.77	0.41	0.56	0.53	0.45	0.55	0.53
Lenght.max mm	333.33	332.50	283.75	311.00	327.00	315.00	329.00	326.00	304.00	343.20	322.83
Lenght.mean mm	317.67	288.00	275.50	297.80	318.00	306.20	315.60	317.60	292.60	330.68	308.99
Lenght.min mm	300.00	250.00	263.75	288.00	305.00	298.00	308.00	308.00	285.00	322.20	296.51
No of individ.in sub-sample	5.33	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.94
Tissue weight g					20.00	15.00	15.00	13.15	13.41	15.39	15.06
Weight g	340.00	278.45	240.55	320.92	363.36	328.88	368.36	341.68	290.10	366.85	328.97
HG ppm w.wt ?..+..+	0.103n	0.036	0.037	0.041	0.076	0.060	0.061	0.051	0.069	0.099	0.089
ZN ppb w.wt	<<2.0										<2.0
CB28 ppb w.wt ...+....	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1
CB52 ppb w.wt ...+....	0.1	<<0.1	<<0.0	0.1	0.1	<<0.0	<<0.1	<<0.1	<<0.1	s0.2	s0.2
CB101 ppb w.wt ...+....	0.4	0.1	0.1	0.1	0.2	0.1	0.1	0.1	<0.1	0.1	<0.1
CB105 ppb w.wt ...+....	0.2	<<0.1	<<0.0	0.1	0.1	0.2	0.1	<0.1	<<0.1	<<0.1	<<0.1
CB118 ppb w.wt ...+....	0.6	0.2	0.1	0.2	0.3	0.2	0.2	0.2	<0.1	0.2	<0.2
CB138 ppb w.wt ...+....	1.1	0.2	0.1	0.3	0.6	0.4	0.4	0.5	0.2	0.4	0.4
CB153 ppb w.wt ...+....	1.7	0.3	0.2	0.5	0.9	0.5	0.5	0.6	0.3	0.6	0.6
CB156 ppb w.wt ...+....	<<0.1	<<0.1	<<0.0	0.0	0.1	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1
CB180 ppb w.wt ...+....	0.3	<<0.1	<0.0	0.1	0.2	0.1	0.1	0.1	<0.1	<0.1	<<0.1
CB209 ppb w.wt ...+....	0.1	<<0.3	<<0.0	<0.0	<0.0	<<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1
CB Σ7 ppb w.wt ?..+....	<<4	<<1	<<1	<<1	<<2	<<1	<<1	<<2	<<1	<<1	<<2
CB ΣΣ ppb w.wt ?..+....	<<5	<<1	<<1	<<2	<<2	<<1	<<1	<<2	<<1	<<1	<<2
DDEPP ppb w.wt ?..+....	1.5	0.2	0.2	0.4	0.8	0.4	0.4	0.4	0.3	0.6	0.5
TDEPP ppb w.wt ?..+....	0.3	<<0.6	<0.0	0.7	1.3	0.0	<<0.6	<<0.5	<<0.4	<<0.7	<<0.3
DD Σ4 ppb w.wt ?..+....	1.7	<<0.3	<0.3	0.4	0.9	0.4	<<0.4	<<0.5	<<0.4	<<0.6	<<0.6
HCHA ppb w.wt ?..+....	<<0.1	<<0.1	<<0.0	0.0	0.0	<0.0	<<0.1	<<0.0	<<0.1	<<0.1	0.0
HCHG ppb w.wt ?..+....	0.1	0.1	0.1	0.2	0.3	0.1	0.2	0.1	<0.1	<<0.1	0.2
HC Σ2 ppb w.wt ?..+....	<<0.2	0.2	<<0.1	0.3	0.4	<0.2	<<0.2	<<0.1	<<0.1	<<0.1	<<0.2
HCB ppb w.wt ?..+....	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<0.1	0.1	0.1
QCB ppb w.wt	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
OCS ppb w.wt	0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1	<<0.0	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

SampleParam (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>	981115	
no in sample		25.00
B Age year		6.32
Count Max		5.00
Count Min		5.00
Dry %		29.02
Fat %		12.23
Lenght.max mm		325.00
Lenght.mean mm		312.40
Lenght.min mm		299.00
No of individ.in sub-sample		5.00
Tissue weight g		5.79
Weight g		357.78
CD ppm w.wt ?..+....		0.22f
CU ppm w.wt ?.....		9.43
PB ppm w.wt ?..+....		0.17
ZN ppb w.wt ?.....		<<97.8
ZN ppm w.wt ?.....		39.2
CB28 ppb w.wt ?..+....		<2.1
CB52 ppb w.wt ?..+....		2.1
CB101 ppb w.wt ?..+....		5.8
CB105 ppb w.wt ?.....		3.2
CB118 ppb w.wt ?..+....		9.9
CB138 ppb w.wt ?..+....		22.3
CB153 ppb w.wt ?..+....		32.6
CB156 ppb w.wt ?.....		<2.0
CB180 ppb w.wt ?..+....		7.7
CB209 ppb w.wt ?.....		<<0.7
CB Σ7 ppb w.wt ?..+....		<83
CB ΣΣ ppb w.wt ?..+....		<<88
DDEPP ppb w.wt ?..+....		72.4
DDTTPP ppb w.wt ?..+....		<14.4
TDEPP ppb w.wt ?..+....		8.4
DD Σ4 ppb w.wt ?..+....		<95.1
HCHA ppb w.wt ?..+....		<<1.0
HCHG ppb w.wt ?..+....		<2.5
HC Σ2 ppb w.wt ?..+....		<<3.1
HCB ppb w.wt ?..+....		2.1
QCB ppb w.wt ?.....		<<0.5
OCS ppb w.wt ?.....		<<0.4

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J62 Hardangerfjorden, Tissue: Fillet

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>		981115
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		25.00
B Age year		6.32
Count Max		5.00
Count Min		5.00
Dry %		19.14
Fat %		0.18
Lenght.max mm		325.00
Lenght.mean mm		312.40
Lenght.min mm		299.00
No of individ.in sub-sample		5.00
Tissue weight g		15.00
Weight g		357.78
HG ppm w.wt ?..+..+		0.101n
ZN ppb w.wt		<<1.7
CB28 ppb w.wt ...+....		<<0.1
CB52 ppb w.wt ...+....		<<0.1
CB101 ppb w.wt ...+....		<0.1
CB105 ppb w.wt		<<0.1
CB118 ppb w.wt ...+....		0.2
CB138 ppb w.wt ...+....		0.3
CB153 ppb w.wt ...+....		0.5
CB156 ppb w.wt		<<0.1
CB180 ppb w.wt ...+....		<<0.1
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt ?..+....		<<1
CB ΣΣ ppb w.wt ?..+....		<<1
DDEPP ppb w.wt ?..+....		1.2
DDTTPP ppb w.wt ?..+....		<0.2
TDEPP ppb w.wt ?..+....		0.1
DD Σ4 ppb w.wt ?..+....		<1.5
HCHA ppb w.wt ?..+....		<<0.1
HCHG ppb w.wt ?..+....		0.1
HC Σ2 ppb w.wt ?..+....		<<0.2
HCB ppb w.wt ?..+....		<0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 22F Borøyfjorden, Latitude: 59°43.0N Longitude: 5°21.0E

Sampling date (YYMMDD) =>	901021	910901	921215	941100	951231	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	25.00	25.00	18.00	25.00	10.00	20.60
B Age year	3.20		5.50	4.80	4.50	4.50
Count Max	5.00	5.00	4.00	5.00	2.00	
Count Min	4.00	4.00	4.00	5.00	2.00	
Dry %	36.26	36.02	29.52	27.16	25.70	30.93
Fat %	22.80	21.78	14.57	9.96	7.80	15.38
Lenght.max mm	276.00	312.00	337.50	319.00	347.50	318.40
Lenght.mean mm	264.40	280.00	330.50	305.60	298.00	295.70
Lenght.min mm	256.00	262.00	317.50	299.00	260.00	278.90
No of individ.in sub-sample	5.00	5.00	4.50	5.00	5.00	4.90
Tissue weight g	3.31	6.08	9.99	5.85	7.76	6.60
Weight g	167.20	307.40	469.70	342.78	350.80	327.58
CD ppm w.wt ?..+....	0.11f	0.11f	0.14f	0.20f	0.13f	0.14f
CU ppm w.wt ?.....	10.41n	5.55	3.44	3.32	3.65	5.28
PB ppm w.wt ?..+....	0.34n	0.31n	0.05	0.06	0.07	0.17
ZN ppb w.wt ?.....	89.3	<<66.8	<<49.5	<<24.8	<<14.5	89.3
ZN ppm w.wt ?.....	40.8	30.7	34.9	30.0	37.3	34.7
CB28 ppb w.wt ?..+....	2.3	2.3	<<5.0	2.8	5.5n	<3.6
CB52 ppb w.wt ?..+....	4.0	2.8	<<5.0	2.0	3.0	<3.4
CB101 ppb w.wt ?..+....	12.8	9.3	10.8	5.0	8.0	9.2
CB105 ppb w.wt ?.....		7.3	7.3	2.4	4.0	5.2
CB118 ppb w.wt ?..+....	24.5	19.8	22.3	8.4	14.5	17.9
CB138 ppb w.wt ?..+....	42.3	30.5	35.8	14.0	25.0	29.5
CB153 ppb w.wt ?..+....	61.8	49.3	56.3	23.4	42.5	46.6
CB156 ppb w.wt ?.....		2.8	<<5.0	1.8	3.0	<3.1
CB180 ppb w.wt ?..+....	18.0	12.5	18.8	7.4	13.0	13.9
CB209 ppb w.wt ?.....	1.8	<<2.0	<<5.0	<<1.0	<<1.0	<<2.1
CB Σ7 ppb w.wt ?..+....	166	126	<<150	63	112	<123
CB ΣΣ ppb w.wt ?..+....	167	<<138	<<157	<<68	<<120	<<130
DDEPP ppb w.wt ?..+....	66.0	50.8	41.8	20.6	12.5	38.3
TDEPP ppb w.wt ?..+....		10.8	<<5.3	1.8	<<1.0	<<4.7
DD Σ4 ppb w.wt ?..+....	66.0	61.5	<<47.0	22.4	<<13.5	<<42.1
HCHA ppb w.wt ?..+....	16.5	<<2.0	<<5.0	<<1.0	<<1.0	<<5.1
HCHG ppb w.wt ?..+....	6.8	3.3	<<5.0	1.4	<<1.0	<<3.5
HC Σ2 ppb w.wt ?..+....	23.3	<<5.3	<<5.0	<<2.4	<<1.5	<<7.5
HCB ppb w.wt ?..+....	6.3	3.0	<<5.0	1.2	1.5	<3.4
QCB ppb w.wt ?.....	<<2.3	<<2.0	<<5.0	<<1.0	<<1.0	<<2.3
OCS ppb w.wt ?.....	<<1.8	<<2.0	<<5.0	<<1.0	<<1.0	<<2.1
EPOCL ppb w.wt ?.....	2110	<<50				<<1080

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 22F Borøyfjorden, Latitude: 59°43.0N Longitude: 5°21.0E

Sampling date (YYMMDD) =>	901021	910901	921215	941100	951231	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	25.00	25.00	18.00	25.00	10.00	20.60
B Age year	3.20		5.50	4.80	4.50	4.50
Count Max	5.00	5.00	4.00	5.00	2.00	
Count Min	5.00	5.00	4.00	5.00	2.00	
Dry %	22.44	19.62	24.52	18.72	17.90	20.64
Fat %	0.66	0.90	0.48	0.17	0.55	0.55
Lenght.max mm	276.00	312.00	337.50	319.00	347.50	318.40
Lenght.mean mm	264.40	280.00	330.50	305.60	298.00	295.70
Lenght.min mm	256.00	262.00	317.50	299.00	260.00	278.90
No of individ.in sub-sample	5.00	5.00	4.50	5.00	5.00	4.90
Weight g	167.20	307.40	469.70	342.78	350.80	327.58
HG ppm w.wt ?..+..+	0.130n	0.096	0.246n	0.126n	0.218n	0.163n
ZN ppb w.wt	1.6					1.6
CB28 ppb w.wt ...+....	<<0.1	0.1	<<0.1	<0.1	0.4	<<0.1
CB52 ppb w.wt ...+....	0.1	0.1	0.2	<0.1	0.3	<0.1
CB101 ppb w.wt ...+....	0.2	0.5	0.4	0.1	0.4	0.3
CB105 ppb w.wt		0.3	0.3	<0.1	0.2	<0.2
CB118 ppb w.wt ...+....	0.4	1.0	0.8	0.2	0.7	0.6
CB138 ppb w.wt ...+....	0.6	1.6	1.1	0.4	1.3	1.0
CB153 ppb w.wt ...+....	0.8	2.8	1.6	0.6	2.1	1.6
CB156 ppb w.wt		<0.1	0.1	<<0.1	0.1	<<0.1
CB180 ppb w.wt ...+....	0.2	0.6	0.5	0.2	0.6	0.4
CB209 ppb w.wt	<<0.1	<<0.1	<<0.2	<<0.0	<<0.0	<<0.1
CB Σ7 ppb w.wt ?..+....	<<2	7	<<5	<2	6	<<4
CB ΣΣ ppb w.wt ?..+....	<<2	<<7	<<5	<<2	<<6	<<5
DDEPP ppb w.wt ?..+....	1.1	2.7	1.5	0.8	0.9	1.4
TDEPP ppb w.wt ?..+....		0.7	2.2	<0.1	<<1.0	<<0.8
DD Σ4 ppb w.wt ?..+....	1.1	3.4n	1.9	<0.8	<<1.0	<<1.7
HCHA ppb w.wt ...+....	0.2	<<0.1	0.1	<<0.0	<<0.0	<<0.1
HCHG ppb w.wt ?..+....	0.3	0.2	0.2	0.1	<<0.1	<0.2
HC Σ2 ppb w.wt ?..+....	0.5	<<0.3	0.3	<<0.1	<<0.1	<<0.3
HCB ppb w.wt ?..+....	0.1	0.2	0.2	0.1	0.1	0.1
QCB ppb w.wt	<<0.1	<<3.7	<<0.1	<<0.0	<<0.0	<<0.8
OCS ppb w.wt	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 92B Stokken area, Latitude: 64°9.85N Longitude: 9°53.0E

Sampling date (YYMMDD) =>		950927
SampleParam (w,d,l):	No.Fo.Ri	Mean
H no in sample		5.00
Age year		5.00
Count Max		1.00
Count Min		1.00
Dry %		30.40
Fat %		13.20
Lenght.max mm		355.00
Lenght.mean mm		317.00
Lenght.min mm		265.00
No of individ.in sub-sample		5.00
Tissue weight g		5.34
Weight g		324.80
CD ppm w.wt ?..+....		0.74n
CU ppm w.wt ?.....		10.10n
PB ppm w.wt ?..+....		0.06
ZN ppb w.wt ?.....		23.0
ZN ppm w.wt ?.....		31.8
CB28 ppb w.wt ?..+....		1.0
CB52 ppb w.wt ?..+....		2.0
CB101 ppb w.wt ?..+....		10.0
CB105 ppb w.wt		4.0
CB118 ppb w.wt ?..+....		12.0
CB138 ppb w.wt ?..+....		32.0
CB153 ppb w.wt ?..+....		49.0
CB156 ppb w.wt		2.0
CB180 ppb w.wt ?..+....		10.0
CB209 ppb w.wt		<<1.0
CB Σ7 ppb w.wt ?..+....		116
CB ΣΣ ppb w.wt ?..+....		<<123
DDEPP ppb w.wt ?..+....		19.0
TDEPP ppb w.wt ?..+....		2.0
DD Σ4 ppb w.wt ?..+....		21.0
HCHA ppb w.wt ?..+....		1.0
HCHG ppb w.wt ?..+....		1.0
HC Σ2 ppb w.wt ?..+....		2.0
HCB ppb w.wt ?..+....		2.0
QCB ppb w.wt		<<1.0
OCS ppb w.wt		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 92B Stokken area, Latitude: 64°9.85N Longitude: 9°53.0E

Sampling date (YYMMDD) =>		950927
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		5.00
H Age year		5.00
Count Max		1.00
Count Min		1.00
Dry %		16.80
Fat %		0.45
Lenght.max mm		355.00
Lenght.mean mm		317.00
Lenght.min mm		265.00
No of individ.in sub-sample		5.00
Weight g		324.80
HG ppm w.wt ?..+..+		0.162n
ZN ppb w.wt		<<0.5
CB28 ppb w.wt ...+....		<<0.0
CB52 ppb w.wt ...+....		0.1
CB101 ppb w.wt ...+....		0.2
CB105 ppb w.wt		0.1
CB118 ppb w.wt ...+....		0.2
CB138 ppb w.wt ...+....		0.5
CB153 ppb w.wt ...+....		0.8
CB156 ppb w.wt		0.0
CB180 ppb w.wt ...+....		0.2
CB209 ppb w.wt		<<0.0
CB Σ7 ppb w.wt ?..+....		<<2
CB ΣΣ ppb w.wt ?..+....		<<2
DDEPP ppb w.wt ?..+....		0.4
TDEPP ppb w.wt ?..+....		<<0.0
DD Σ4 ppb w.wt ?..+....		<<0.4
HCHA ppb w.wt ?..+....		<<0.0
HCHG ppb w.wt ?..+....		0.1
HC Σ2 ppb w.wt ?..+....		<<0.1
HCB ppb w.wt ?..+....		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, *Limanda limanda*, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 98B Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>		931115
SampleParam (w,d,l):	No.Fo.Ri	Mean
B	no in sample	20.00
	Age year	4.25
	Count Max	4.00
	Count Min	4.00
	Dry %	26.60
	Fat %	10.76
	Lenght.max mm	340.00
	Lenght.mean mm	329.25
	Lenght.min mm	321.25
	No of individ.in sub-sample	5.00
	Tissue weight g	7.21
	Weight g	410.22
	CD ppm w.wt ?..+....	0.31n
	CU ppm w.wt ?.....	5.40
	PB ppm w.wt ?..+....	<0.05
	ZN ppb w.wt ?.....	<<14.0
	ZN ppm w.wt ?.....	29.0
	CB28 ppb w.wt ?..+....	<<2.0
	CB52 ppb w.wt ?..+....	<<2.0
	CB101 ppb w.wt ?..+....	3.5
	CB105 ppb w.wt ?.....	<<2.8
	CB118 ppb w.wt ?..+....	6.8
	CB138 ppb w.wt ?..+....	9.8
	CB153 ppb w.wt ?..+....	14.0
	CB156 ppb w.wt ?.....	<<2.0
	CB180 ppb w.wt ?..+....	5.5
	CB209 ppb w.wt ?.....	<<2.0
	CB Σ7 ppb w.wt ?..+....	<<42
	CB ΣΣ ppb w.wt ?..+....	<<43
	DDEPP ppb w.wt ?..+....	22.5
	TDEPP ppb w.wt ?..+....	2.5
	DD Σ4 ppb w.wt ?..+....	25.0
	HCHA ppb w.wt ?..+....	<<2.0
	HCHG ppb w.wt ?..+....	<<2.0
	HC Σ2 ppb w.wt ?..+....	<<2.0
	HCB ppb w.wt ?..+....	<2.8
	QCB ppb w.wt ?.....	<<2.0
	OCS ppb w.wt ?.....	<<2.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 98B Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>		931115
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		20.00
B Age	year	4.25
Count Max		4.00
Count Min		4.00
Dry	%	20.13
Fat	%	0.24
Lenght.max	mm	340.00
Lenght.mean	mm	329.25
Lenght.min	mm	321.25
No of individ.in sub-sample		5.00
Weight	g	410.22
HG	ppm w.wt ?..+..+	0.097
ZN	ppb w.wt	s<<0.6
CB28	ppb w.wt ...+....	<<0.1
CB52	ppb w.wt ...+....	<<0.1
CB101	ppb w.wt ...+....	0.1
CB105	ppb w.wt	<<0.1
CB118	ppb w.wt ...+....	0.1
CB138	ppb w.wt ...+....	0.2
CB153	ppb w.wt ...+....	0.3
CB156	ppb w.wt	<<0.1
CB180	ppb w.wt ...+....	<0.1
CB209	ppb w.wt	<<0.1
CB Σ7	ppb w.wt ?..+....	<<1
CB ΣΣ	ppb w.wt ?..+....	<<1
DDEPP	ppb w.wt ?..+....	0.4
TDEPP	ppb w.wt ?..+....	<<0.1
DD Σ4	ppb w.wt ?..+....	<<0.5
HCHA	ppb w.wt ?..+....	<<0.1
HCHG	ppb w.wt ?..+....	s0.1
HC Σ2	ppb w.wt ?..+....	s<<0.2
HCB	ppb w.wt ?..+....	0.1
QCB	ppb w.wt	<<0.1
OCS	ppb w.wt	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	941001	951101	961215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
no in sample	5.00	2.00	25.00	10.67
B Age year			5.20	5.20
Count Max			5.00	
Count Min			5.00	
Dry %			33.94	33.94
Fat %			18.46	18.46
Lenght.max mm			361.00	361.00
Lenght.mean mm			347.40	347.40
Lenght.min mm			335.00	335.00
No of individ.in sub-sample			5.00	5.00
Tissue weight g			8.76	8.76
Weight g			475.52	475.52
CD ppm w.wt ?..+....			0.25f	0.25f
CU ppm w.wt ?.....			5.56	5.56
PB ppm w.wt ?..+....			<<0.03	<<0.03
ZN ppb w.wt ?.....			94.9	94.9
ZN ppm w.wt ?.....			33.2	33.2
CB28 ppb w.wt ?..+....			1.1	1.1
CB52 ppb w.wt ?..+....			4.4	4.4
CB101 ppb w.wt ?..+....			14.5	14.5
CB105 ppb w.wt ?.....			10.0	10.0
CB118 ppb w.wt ?..+....			25.3	25.3
CB138 ppb w.wt ?..+....			39.2	39.2
CB153 ppb w.wt ?..+....			53.3	53.3
CB156 ppb w.wt ?.....			4.8	4.8
CB180 ppb w.wt ?..+....			14.7	14.7
CB209 ppb w.wt ?.....			<<0.5	<<0.5
CB Σ7 ppb w.wt ?..+....			153	153
CB ΣΣ ppb w.wt ?..+....			<<168	<<168
DDEPP ppb w.wt ?..+....			78.0	78.0
TDEPP ppb w.wt ?..+....			12.5	12.5
DD Σ4 ppb w.wt ?..+....			90.5	90.5
HCHA ppb w.wt ?..+....			1.6	1.6
HCHG ppb w.wt ?..+....			2.7	2.7
HC Σ2 ppb w.wt ?..+....			4.3	4.3
HCB ppb w.wt ?..+....			4.8	4.8
QCB ppb w.wt ?.....			<<0.5	<<0.5
OCS ppb w.wt ?.....			<<0.5	<<0.5
H Age year	4.00	5.00		4.50
Count Max	1.00	1.00		
Count Min	1.00	1.00		
Dry %	31.90	33.60		32.75
Fat %	18.10	17.50		17.80
Lenght.max mm	375.00	310.00		342.50
Lenght.mean mm	356.00	300.00		328.00
Lenght.min mm	340.00	290.00		315.00
No of individ.in sub-sample	5.00	2.00		3.50

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, *Limanda limanda*, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	941001	951101	961215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
Tissue weight g	6.74	6.50		6.62
Weight g	491.00	315.90		403.45
CD ppm w.wt ?..+....	0.98n	0.18f		0.58n
CU ppm w.wt ?..+....	3.51	5.00		4.25
PB ppm w.wt ?..+....	<<0.02	<<0.04		<<0.03
ZN ppb w.wt ?..+....		<<10.0		<10.0
ZN ppm w.wt ?..+....	23.5	34.8		29.1
CB28 ppb w.wt ?..+....		<<1.0		<<1.0
CB52 ppb w.wt ?..+....		2.0		2.0
CB101 ppb w.wt ?..+....		4.0		4.0
CB105 ppb w.wt ?..+....		3.0		3.0
CB118 ppb w.wt ?..+....		7.0		7.0
CB138 ppb w.wt ?..+....		11.0		11.0
CB153 ppb w.wt ?..+....		14.0		14.0
CB156 ppb w.wt ?..+....		1.0		1.0
CB180 ppb w.wt ?..+....		3.0		3.0
CB209 ppb w.wt ?..+....		<<1.0		<<1.0
CB Σ7 ppb w.wt ?..+....		<<42		<<42
CB ΣΣ ppb w.wt ?..+....		<<46		<<46
DDEPP ppb w.wt ?..+....		7.0		7.0
TDEPP ppb w.wt ?..+....		<<1.0		<<1.0
DD Σ4 ppb w.wt ?..+....		<<8.0		<<8.0
HCHA ppb w.wt ?..+....		1.0		1.0
HCHG ppb w.wt ?..+....		1.0		1.0
HC Σ2 ppb w.wt ?..+....		2.0		2.0
HCB ppb w.wt ?..+....		2.0		2.0
QCB ppb w.wt ?..+....		<<1.0		<<1.0
OCS ppb w.wt ?..+....		<<1.0		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	941001	951101	961215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
no in sample	5.00	2.00	25.00	10.67
B Age year			5.20	5.20
Count Max			5.00	
Count Min			5.00	
Dry %			20.00	20.00
Fat %			0.70	0.70
Lenght.max mm			361.00	361.00
Lenght.mean mm			347.40	347.40
Lenght.min mm			335.00	335.00
No of individ.in sub-sample			5.00	5.00
Tissue weight g			20.79	20.79
Weight g			475.52	475.52
HG ppm w.wt ?..+..+			0.173n	0.173n
CB28 ppb w.wt ...+....			<0.0	<<0.0
CB52 ppb w.wt ...+....			0.2	0.2
CB101 ppb w.wt ...+....			0.4	0.4
CB105 ppb w.wt			0.2	0.2
CB118 ppb w.wt ...+....			0.6	0.6
CB138 ppb w.wt ...+....			0.8	0.8
CB153 ppb w.wt ...+....			1.1	1.1
CB156 ppb w.wt			0.1	0.1
CB180 ppb w.wt ...+....			0.3	0.3
CB209 ppb w.wt			<<0.0	<<0.0
CB Σ7 ppb w.wt ?..+....			<3	<<3
CB ΣΣ ppb w.wt ?..+....			<<4	<<4
DDEPP ppb w.wt ?..+....			1.7	1.7
TDEPP ppb w.wt ?..+....			2.1	1.2
DD Σ4 ppb w.wt ?..+....			1.9	1.9
HCHA ppb w.wt ?..+....			0.1	0.1
HCHG ppb w.wt ?..+....			0.2	0.2
HC Σ2 ppb w.wt ?..+....			0.2	0.2
HCB ppb w.wt ?..+....			0.2	0.2
QCB ppb w.wt			<<0.0	<<0.0
OCS ppb w.wt			<<0.0	<<0.0
H Age year	4.00	5.00		4.50
Count Max	1.00	1.00		
Count Min	1.00	1.00		
Dry %	20.00	21.10		20.55
Fat %	0.30	1.01		0.66
Lenght.max mm	375.00	310.00		342.50
Lenght.mean mm	356.00	300.00		328.00
Lenght.min mm	340.00	290.00		315.00
No of individ.in sub-sample	5.00	2.00		3.50
Weight g	491.00	315.90		403.45
HG ppm w.wt ?..+..+		0.065		0.065
ZN ppb w.wt	<<0.7			<0.7
CB28 ppb w.wt ...+....	<<0.0	<<0.0		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, *Limanda limanda*, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>			941001	951101	961215	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
CB52	ppb	w.wt ...+....	0.1	0.1		0.1
CB101	ppb	w.wt ...+....	0.1	0.1		0.1
CB105	ppb	w.wt	0.1	0.1		0.1
CB118	ppb	w.wt ...+....	0.1	0.2		0.2
CB138	ppb	w.wt ...+....	0.2	0.4		0.3
CB153	ppb	w.wt ...+....	0.3	0.4		0.4
CB156	ppb	w.wt	<<0.0	0.0		<<0.0
CB180	ppb	w.wt ...+....	0.1	0.1		0.1
CB209	ppb	w.wt	<<0.0	<<0.0		<<0.0
CB Σ7	ppb	w.wt ?..+....	<<1	<<1		<<1
CB ΣΣ	ppb	w.wt ?..+....	<<1	<<1		<<1
DDEPP	ppb	w.wt ?..+....	0.6	0.3		0.4
TDEPP	ppb	w.wt ?..+....	0.0	<<0.8		<<0.3
DD Σ4	ppb	w.wt ?..+....	0.6	<<0.3		<<0.5
HCHA	ppb	w.wt ?..+....	<<0.0	0.0		<<0.0
HCHG	ppb	w.wt ?..+....	0.0	0.4		0.2
HC Σ2	ppb	w.wt ?..+....	<<0.1	0.5		<<0.3
HCB	ppb	w.wt ?..+....	0.1	0.1		0.1
QCB	ppb	w.wt	<<0.0	<<0.0		<<0.0
OCS	ppb	w.wt	<<0.0	<<0.0		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 43F Kvænangen,Olderfjord, Latitude: 70°9.0N Longitude: 21°22.0E

Sampling date (YYMMDD) =>		961031
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Age year		4.33
Count Max		3.00
Count Min		3.00
Dry %		30.00
Fat %		12.62
Lenght.max mm		361.67
Lenght.mean mm		349.33
Lenght.min mm		336.67
No of individ.in sub-sample		5.00
Tissue weight g		7.19
Weight g		519.40
CD ppm w.wt ?..+....		0.38n
CU ppm w.wt ?.....		4.85
PB ppm w.wt ?..+....		0.09
ZN ppb w.wt ?.....		28.7
ZN ppm w.wt ?.....		29.2
CB28 ppb w.wt ?..+....		<<0.6
CB52 ppb w.wt ?..+....		<<0.9
CB101 ppb w.wt ?..+....		2.7
CB105 ppb w.wt		2.4
CB118 ppb w.wt ?..+....		7.3
CB138 ppb w.wt ?..+....		11.0
CB153 ppb w.wt ?..+....		15.3
CB156 ppb w.wt		1.1
CB180 ppb w.wt ?..+....		4.6
CB209 ppb w.wt		<<0.5
CB Σ7 ppb w.wt ?..+....		<<42
CB ΣΣ ppb w.wt ?..+....		<<46
DDEPP ppb w.wt ?..+....		23.5
TDEPP ppb w.wt ?..+....		3.3
DD Σ4 ppb w.wt ?..+....		26.8
HCHA ppb w.wt ?..+....		1.1
HCHG ppb w.wt ?..+....		0.9
HC Σ2 ppb w.wt ?..+....		2.0
HCB ppb w.wt ?..+....		1.8
QCB ppb w.wt		<<0.5
OCS ppb w.wt		<<0.5

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LIMA LIM, Limanda limanda, GB: Dab N: Sandflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 43F Kvanangen,Olderfjord, Latitude: 70°9.0N Longitude: 21°22.0E

Sampling date (YYMMDD) =>		961031
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Age year		4.33
Count Max		3.00
Count Min		2.00
Dry %		19.33
Fat %		0.36
Lenght.max mm		361.67
Lenght.mean mm		349.33
Lenght.min mm		336.67
No of individ.in sub-sample		5.00
Tissue weight g		20.09
Weight g		519.40
HG ppm w.wt ?..+..+		0.058
ZN ppb w.wt		<<0.7
CB28 ppb w.wt ...+....		<<0.0
CB52 ppb w.wt ...+....		0.1
CB101 ppb w.wt ...+....		0.1
CB105 ppb w.wt		0.1
CB118 ppb w.wt ...+....		0.2
CB138 ppb w.wt ...+....		0.2
CB153 ppb w.wt ...+....		0.3
CB156 ppb w.wt		<<0.0
CB180 ppb w.wt ...+....		0.1
CB209 ppb w.wt		<<0.0
CB Σ7 ppb w.wt ?..+....		<<1
CB ΣΣ ppb w.wt ?..+....		<<1
DDEPP ppb w.wt ?..+....		0.5
TDEPP ppb w.wt ?..+....		<<0.0
DD Σ4 ppb w.wt ?..+....		<<0.6
HCHA ppb w.wt ?..+....		0.0
HCHG ppb w.wt ?..+....		0.1
HC Σ2 ppb w.wt ?..+....		0.1
HCB ppb w.wt ?..+....		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30F Oslo City area, Latitude: 59°47.0N Longitude: 10°34.0E

Sampling date (YYMMDD) =>	921215	950118	951106	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
no in sample	9.00	25.00	25.00	19.67
B Age year	3.00	5.00	5.20	4.40
Count Max	2.00	5.00	5.00	
Count Min	2.00	3.00	5.00	
Dry %	34.20	27.02	27.72	29.65
Fat %	19.60	11.00	14.66	15.09
Lenght.max mm	380.00	366.00	401.00	382.33
Lenght.mean mm	347.00	355.60	390.20	364.27
Lenght.min mm	307.50	346.00	382.00	345.17
No of individ.in sub-sample	5.00	5.00	5.00	5.00
Tissue weight g	5.93	7.46		6.70
Weight g	501.80	541.76	709.76	584.44
CD ppm w.wt ?..+....	0.11f	0.19f	0.20f	0.17f
CU ppm w.wt ?.....	4.67	2.96	3.12	3.58
PB ppm w.wt ?..+....	0.85n	0.68n	0.49n	0.67n
ZN ppb w.wt ?.....	<<27.5	<22.4	<13.6	<21.2
ZN ppm w.wt ?.....	40.5	30.5	31.0	34.0
CB28 ppb w.wt ...+....	11.0	7.3	4.4	7.6
CB52 ppb w.wt ...+....	16.0	10.6	7.0	11.2
CB101 ppb w.wt ...+....	27.5	14.8	14.6	19.0
CB105 ppb w.wt	31.5	20.0	16.2	22.6
CB118 ppb w.wt ...+....	77.0	52.4	41.4	56.9
CB138 ppb w.wt ...+....	69.5	57.4	54.8	60.6
CB153 ppb w.wt ...+....	99.0	87.0	76.4	87.5
CB156 ppb w.wt	<<5.0	4.2	3.8	<<4.3
CB180 ppb w.wt ...+....	18.0	22.2	17.8	19.3
CB209 ppb w.wt	<<5.0	2.2	1.6	<<2.9
CB Σ7 ppb w.wt ?..+....	318n	249n	216n	261n
CB ΣΣ ppb w.wt ?..+....	<<357n	275n	238n	<<290n
DDEPP ppb w.wt ?..+....	22.5n	16.2n	10.4n	16.4n
TDEPP ppb w.wt ?..+....	<<5.0	<2.6	<1.6	<<3.1
DD Σ4 ppb w.wt ?..+....	<<27.5n	<18.8n	<12.0n	<<19.4n
HCHA ppb w.wt ?..+....	<<5.0	2.6	<1.0	<<2.9
HCHG ppb w.wt ?..+....	<<5.0	<1.2	<1.0	<<2.4
HC Σ2 ppb w.wt ?..+....	<<5.0	<3.8	<1.8	<<3.5
HCB ppb w.wt ?..+....	<<5.0	1.6	2.0	<<2.9
QCB ppb w.wt	<<5.0	<<1.6	<<1.0	<<2.5
OCS ppb w.wt	<<5.0	<<1.0	<<1.6	<<2.5
NAP ppb w.wt	<<0.2			<<0.2
NAP2M ppb w.wt	<<0.7			<<0.7
NAP1M ppb w.wt	<<0.5			<<0.5
BIPN ppb w.wt	<<0.2			<<0.2
NAPDI ppb w.wt	<<0.2			<<0.2
NAPTM ppb w.wt	<<0.2			<<0.2
ACNLE ppb w.wt	<<0.2			<<0.2
ACNE ppb w.wt	<<0.2			<<0.2
FLE ppb w.wt	<<0.3			<<0.3

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J26 Oslofjorden, Tissue: Liver

Locality : 30F Oslo City area, Latitude: 59°47.0N Longitude: 10°34.0E

Sampling date (YYMMDD) =>			921215	950118	951106	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
PA	ppb	w.wt	1.0			1.0
ANT	ppb	w.wt	2.0			2.0
PAM1	ppb	w.wt	<<0.3			<<0.3
FLU	ppb	w.wt	1.4			1.4
PYR	ppb	w.wt	0.8			0.8
BAA	ppb	w.wt	<<0.2			<<0.2
CHR	ppb	w.wt	0.5			0.5
BBF	ppb	w.wt	0.3			0.3
BJKF	ppb	w.wt	0.2			0.2
BEP	ppb	w.wt	0.3			0.3
BAP	ppb	w.wt	<<0.2			<<0.2
PER	ppb	w.wt	<<0.2			<<0.2
ICDP	ppb	w.wt	<<0.2			<<0.2
DBA3A	ppb	w.wt	<<0.2			<<0.2
BGHIP	ppb	w.wt	<<0.2			<<0.2
COR	ppb	w.wt	<<0.2			<<0.2
DBP	ppb	w.wt	<<0.2			<<0.2
DI Σ	ppb	w.wt	<<1.2			<<1.2
P Σ	ppb	w.wt	<<6.8			<<6.8
PK Σ	ppb	w.wt	<<0.6			<<0.6
PAHSS	ppb	w.wt	<<7.8			<<7.8

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30F Oslo City area, Latitude: 59°47.0N Longitude: 10°34.0E

Sampling date (YYMMDD) =>	921215	950118	951106	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
no in sample	9.00	25.00	25.00	19.67
B Age year	3.00	5.00	5.20	4.40
Count Max	2.00	5.00	5.00	
Count Min	2.00	5.00	4.00	
Dry %		19.90	22.88	21.39
Fat %	0.40	0.16	0.09	0.21
Lenght.max mm	380.00	366.00	401.00	382.33
Lenght.mean mm	347.00	355.60	390.20	364.27
Lenght.min mm	307.50	346.00	382.00	345.17
No of individ.in sub-sample	5.00	5.00	5.00	5.00
Weight g	501.80	541.76	709.76	584.44
HG ppm w.wt ?..+..+	0.047	0.042	0.040	0.043
ZN ppb w.wt ?.....	<<1.3			<1.3
CB28 ppb w.wt ...+....	0.3	0.1	<<0.1	<<0.2
CB52 ppb w.wt ...+....	0.5	0.1	0.1	0.3
CB101 ppb w.wt ...+....	0.8	0.2	0.1	0.4
CB105 ppb w.wt	0.9	0.3	0.2	0.4
CB118 ppb w.wt ...+....	1.8	0.6	0.4	0.9
CB138 ppb w.wt ...+....	1.5	0.6	0.4	0.9
CB153 ppb w.wt ...+....	1.8	0.8	0.6	1.0
CB156 ppb w.wt	0.1	0.1	0.0	0.1
CB180 ppb w.wt ...+....	0.4	0.2	0.1	0.3
CB209 ppb w.wt	<<0.1	<<0.0	<<0.0	<<0.1
CB Σ7 ppb w.wt ?..+....	7n	3n	<<2	<<4n
CB ΣΣ ppb w.wt ?..+....	<<8n	<<3n	<<2n	<<4n
DDEPP ppb w.wt ?..+....	0.7	0.3	0.2	0.4
TDEPP ppb w.wt ?..+....	0.4	0.5	<0.0	<<0.3
DD Σ4 ppb w.wt ?..+....	1.1n	0.4	<0.2	<<0.6
HCHA ppb w.wt ?..+....	<<0.1	0.0	<<0.0	<<0.1
HCHG ppb w.wt ?..+....	0.1	0.1	0.1	0.1
HC Σ2 ppb w.wt ?..+....	<<0.2	0.1	<<0.1	<<0.1
HCB ppb w.wt ?..+....	0.2n	0.1	<<0.0	<<0.1
QCB ppb w.wt	<<0.1	<<0.0	<<0.0	<<0.1
OCS ppb w.wt	<<0.1	<<0.0	<<0.0	<<0.1
NAP ppb w.wt	<<0.2			<<0.2
NAP2M ppb w.wt	<<0.2			<<0.2
NAP1M ppb w.wt	<<0.2			<<0.2
BIPN ppb w.wt	<<0.2			<<0.2
NAPDI ppb w.wt	<<0.2			<<0.2
NAPTM ppb w.wt	<<0.2			<<0.2
ACNLE ppb w.wt	<<0.2			<<0.2
ACNE ppb w.wt	<<0.2			<<0.2
FLE ppb w.wt	<<0.2			<<0.2
PA ppb w.wt	<<0.2			<<0.2
ANT ppb w.wt	<<0.2			<<0.2
PAM1 ppb w.wt	<<0.2			<<0.2
FLU ppb w.wt	<<0.2			<<0.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J26 Oslofjorden, Tissue: Fillet

Locality : 30F Oslo City area, Latitude: 59°47.0N Longitude: 10°34.0E

Sampling date (YYMMDD) =>				921215	950118	951106	Mean
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean
PYR	ppb	w.wt	.....	<<0.2			<<0.2
BAA	ppb	w.wt	.....	<<0.2			<<0.2
CHR	ppb	w.wt	.....	<<0.2			<<0.2
BBF	ppb	w.wt	.....	<<0.2			<<0.2
BJKF	ppb	w.wt	.....	<<0.2			<<0.2
BEP	ppb	w.wt	.....	<<0.2			<<0.2
BAP	ppb	w.wt	?.....	<<0.2			<<0.2
PER	ppb	w.wt	.....	<<0.2			<<0.2
ICDP	ppb	w.wt	.....	<<0.2			<<0.2
DBA3A	ppb	w.wt	.....	<<0.2			<<0.2
BGHIP	ppb	w.wt	.....	<<0.2			<<0.2
COR	ppb	w.wt	.....	<<0.2			<<0.2
DBP	ppb	w.wt	.....	<<0.2			<<0.2
DI Σ	ppb	w.wt	.....	<<0.2			<<0.2
P Σ	ppb	w.wt	.....	<<0.2			<<0.2
PK Σ	ppb	w.wt	.....	<<0.2			<<0.2
PAHSS	ppb	w.wt	?.....	<<0.2			<<0.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 15F Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>		921215	931201	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
B	no in sample	13.00	10.00	11.50
	Age year	4.00	5.00	4.50
	Count Max	3.00	2.00	
	Count Min	3.00	2.00	
	Dry %	30.20	30.65	30.42
	Fat %	13.40	13.40	13.40
	Lenght.max mm	383.33	440.00	411.67
	Lenght.mean mm	367.00	396.00	381.50
	Lenght.min mm	343.33	370.00	356.67
	No of individ.in sub-sample	4.33	5.00	4.67
	Tissue weight g	8.82	13.92	11.37
	Weight g	602.70	719.60	661.15
	CD ppm w.wt ?..+....	0.13f	0.09	0.11f
	CU ppm w.wt ?.....	4.36	3.00	3.68
	PB ppm w.wt ?..+....	0.10	0.05	0.08
	ZN ppb w.wt ?.....	<<6.3	<<8.5	<7.4
	ZN ppm w.wt ?.....	35.6	48.6	42.1
	CB28 ppb w.wt ...+....	<<2.0	<<1.0	<<1.5
	CB52 ppb w.wt ...+....	<<2.0	<<1.0	<<1.5
	CB101 ppb w.wt ...+....	2.0	2.5	2.3
	CB105 ppb w.wt .....<2.0	<<2.0	1.5	<<1.8
	CB118 ppb w.wt ...+....	4.0	4.0	4.0
	CB138 ppb w.wt ...+....	6.7	6.0	6.3
	CB153 ppb w.wt ...+....	10.0	9.5	9.8
	CB156 ppb w.wt .....<2.0	<<2.0	<<1.0	<<1.5
	CB180 ppb w.wt ...+....<2.0	<<2.0	2.0	<<2.0
	CB209 ppb w.wt .....<2.0	<<2.0	<<1.5	<<1.8
	CB Σ7 ppb w.wt ?..+....<26	<<26	<<26	<<26
	CB ΣΣ ppb w.wt ?..+....<26	<<26	<<29	<<27
	DDEPP ppb w.wt ?..+....	4.3	5.0	4.7
	TDEPP ppb w.wt ?..+....<2.0	<<2.0	<<1.0	<<1.5
	DD Σ4 ppb w.wt ?..+....<6.3	<<6.3	<<6.0	<<6.2
	HCHA ppb w.wt ?..+....<2.0	<<2.0	1.0	<<1.5
	HCHG ppb w.wt ?..+....<2.0	<<2.0	1.5	<<1.8
	HC Σ2 ppb w.wt ?..+....<2.0	<<2.0	2.5	<<2.3
	HCB ppb w.wt ?..+....<2.0	<<2.0	1.5	<<1.8
	QCB ppb w.wt .....<2.0	<<2.0	<<1.0	<<1.5
	OCS ppb w.wt .....<2.0	<<2.0	<<1.0	<<1.5

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 15F Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>		921215	931201	Mean
Sample Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean
	no in sample	13.00	10.00	11.50
B	Age year	4.00	5.00	4.50
	Count Max	3.00	2.00	
	Count Min	3.00	2.00	
	Dry %	20.53	18.90	19.72
	Fat %	0.47	0.36	0.41
	Lenght.max mm	383.33	440.00	411.67
	Lenght.mean mm	367.00	396.00	381.50
	Lenght.min mm	343.33	370.00	356.67
	No of individ.in sub-sample	4.33	5.00	4.67
	Weight g	602.70	719.60	661.15
	HG ppm w.wt ?..+..+	0.022	0.023	0.023
	ZN ppb w.wt ?.....	<<0.4		<0.4
	CB28 ppb w.wt ...+....	<<0.1	<<0.1	<<0.1
	CB52 ppb w.wt ...+....	<<0.1	<<0.1	<<0.1
	CB101 ppb w.wt ...+....	<<0.1	0.1	<<0.1
	CB105 ppb w.wt	<<0.1	<<0.1	<<0.1
	CB118 ppb w.wt ...+....	0.2	0.2	0.2
	CB138 ppb w.wt ...+....	0.3	0.2	0.2
	CB153 ppb w.wt ...+....	0.4	0.2	0.3
	CB156 ppb w.wt	<<0.1	<<0.1	<<0.1
	CB180 ppb w.wt ...+....	0.1	<<0.1	<<0.1
	CB209 ppb w.wt	<<0.1	<<0.1	<<0.1
	CB Σ7 ppb w.wt ?..+....	<<1	<<1	<<1
	CB ΣΣ ppb w.wt ?..+....	<<1	<<1	<<1
	DDEPP ppb w.wt ?..+....	0.2	0.2	0.2
	TDEPP ppb w.wt ?..+....	<<0.1	s<<0.5	<<0.1
	DD Σ4 ppb w.wt ?..+....	<<0.3	<<0.3	<<0.3
	HCHA ppb w.wt ?..+....	<<0.1	0.1	<<0.1
	HCHG ppb w.wt ?..+....	<<0.1	s0.1	<<0.1
	HC Σ2 ppb w.wt ?..+....	<<0.1	s0.2	<<0.1
	HCB ppb w.wt ?..+....	0.1n	0.1n	0.1n
	QCB ppb w.wt	<<0.1	<<0.1	<<0.1
	OCS ppb w.wt	<<0.1	<<0.1	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 22F Borøyfjorden, Latitude: 59°43.0N Longitude: 5°21.0E

Sampling date (YYMMDD) =>	970226	980115	990115	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
no in sample	25.00	25.00	25.00	25.00
B Age year	7.00	6.28	7.56	6.95
Count Max	5.00	5.00	5.00	
Count Min	5.00	5.00	5.00	
Dry %	19.34	22.04	19.30	20.23
Fat %	5.43	6.63	3.47	5.17
Lenght.max mm	425.00	407.00	423.00	418.33
Lenght.mean mm	404.40	395.00	407.80	402.40
Lenght.min mm	388.00	386.00	396.00	390.00
No of individ.in sub-sample	5.00	5.00	5.00	5.00
Tissue weight g	7.87	6.14	9.31	7.77
Weight g	788.88	681.28	796.88	755.68
CD ppm w.wt ?..+....	0.26n	0.21n	0.25n	0.24n
CU ppm w.wt ?.....	2.89	2.30	2.44	2.54
PB ppm w.wt ?..+....	0.38n	0.27n	0.49n	0.38n
ZN ppb w.wt ?.....	<<10.0	25.9	<<4.2	<13.4
ZN ppm w.wt ?.....	28.4	30.2	27.4	28.7
CB28 ppb w.wt ...+....	<<0.6	0.8	<<0.8	<<0.7
CB52 ppb w.wt ...+....	<<0.6	<<0.3	<<0.6	<<0.5
CB101 ppb w.wt ...+....	1.3	3.3	<1.2	<<1.9
CB105 ppb w.wt	1.4	2.5	<<1.2	<<1.7
CB118 ppb w.wt ...+....	4.3	7.1	3.5	5.0
CB138 ppb w.wt ...+....	6.6	13.7	5.0	8.4
CB153 ppb w.wt ...+....	10.3	19.3	7.1	12.2
CB156 ppb w.wt	<<0.7	1.3	<<0.6	<<0.9
CB180 ppb w.wt ...+....	2.9	3.9	<1.5	<<2.8
CB209 ppb w.wt	<<0.8	<1.0	<<0.6	<<0.8
CB Σ7 ppb w.wt ?..+....	<<26	<<48	<<19	<<31
CB ΣΣ ppb w.wt ?..+....	<<29	<<53n	<<20	<<34
DDEPP ppb w.wt ?..+....	7.7	19.3n	3.2	10.1n
TDEPP ppb w.wt ?..+....	<0.9	5.4	<<1.0	<<2.4
DD Σ4 ppb w.wt ?..+....	<8.7	24.6n	<<4.2	<<12.5n
HCHA ppb w.wt ?..+....	<<0.5	0.5	<<0.6	<<0.5
HCHG ppb w.wt ?..+....	0.9	0.8	<<0.6	<<0.8
HC Σ2 ppb w.wt ?..+....	<<1.4	1.3	<<0.6	<<1.1
HCB ppb w.wt ?..+....	<<0.6	1.1	<<0.3	<<0.7
QCB ppb w.wt	<<0.5	<<0.3	<<0.3	<<0.4
OCS ppb w.wt	<<0.5	<<0.2	<<0.3	<<0.3

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 22F Borøyfjorden, Latitude: 59°43.0N Longitude: 5°21.0E

Sampling date (YYMMDD) =>	970226	980115	990115	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
no in sample	25.00	25.00	25.00	25.00
B Age year	7.00	6.28	7.56	6.95
Count Max	5.00	5.00	5.00	
Count Min	4.00	5.00	5.00	
Dry %	17.44	18.90	17.34	17.89
Fat %	0.27	0.23	0.41	0.30
Lenght.max mm	425.00	407.00	423.00	418.33
Lenght.mean mm	404.40	395.00	407.80	402.40
Lenght.min mm	388.00	386.00	396.00	390.00
No of individ.in sub-sample	5.00	5.00	5.00	5.00
Tissue weight g	20.00	19.72	15.00	18.24
Weight g	788.88	681.28	796.88	755.68
HG ppm w.wt ?..+..+	0.048	0.048	0.068	0.055
ZN ppb w.wt ?.....	<<0.7			<0.7
CB28 ppb w.wt ...+....	<<0.0	<<0.0	<0.1	<<0.0
CB52 ppb w.wt ...+....	<0.0	<<0.0	<0.1	<<0.0
CB101 ppb w.wt ...+....	0.1	0.1	0.2	0.1
CB105 ppb w.wt ...+....	0.1	0.1	0.2	0.1
CB118 ppb w.wt ...+....	0.3	0.2	0.6	0.4
CB138 ppb w.wt ...+....	0.5	0.2	0.8	0.5
CB153 ppb w.wt ...+....	0.7	0.3	1.2	0.7
CB156 ppb w.wt	<<0.0	0.1	0.1	<<0.1
CB180 ppb w.wt ...+....	0.2	0.1	0.3	0.2
CB209 ppb w.wt	<<0.0	<<0.0	<<0.0	<<0.0
CB Σ7 ppb w.wt ?..+....	<<2	<<1	<3n	<<2
CB ΣΣ ppb w.wt ?..+....	<<2	<<1	<<3n	<<2n
DDEPP ppb w.wt ?..+....	0.5	0.5	0.7	0.6
TDEPP ppb w.wt ?..+....	0.1	<<0.7	<0.1	<<0.4
DD Σ4 ppb w.wt ?..+....	0.6	<<0.6	<0.9	<<0.7
HCHA ppb w.wt ?..+....	<<0.0	<0.0	<<0.0	<<0.0
HCHG ppb w.wt ?..+....	0.1	0.1	0.1	0.1
HC Σ2 ppb w.wt ?..+....	<<0.1	<0.1	<<0.1	<<0.1
HCB ppb w.wt ?..+....	<<0.0	0.0	0.1	<<0.0
QCB ppb w.wt	<<0.0	<<0.0	<<0.0	<<0.0
OCS ppb w.wt	<<0.0	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette
 Sampl.area : J99 Undefined, Tissue: Liver
 Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>		941000
SampleParam (w,d,l):	No.Fo.Ri	Mean
B no in sample		15.00
Age year		5.33
Count Max		3.00
Count Min		3.00
Dry %		27.57
Fat %		12.77
Lenght.max mm		473.33
Lenght.mean mm		429.33
Lenght.min mm		395.00
No of individ.in sub-sample		5.00
Tissue weight g		12.28
Weight g		915.43
CD ppm w.wt ?..+....		0.55n
CU ppm w.wt ?.....		3.53
PB ppm w.wt ?..+....		0.08
ZN ppb w.wt ?.....		<<20.7
ZN ppm w.wt ?.....		33.0
CB28 ppb w.wt ...+....		<<1.0
CB52 ppb w.wt ...+....		2.0
CB101 ppb w.wt ...+....		4.0
CB105 ppb w.wt		2.0
CB118 ppb w.wt ...+....		6.7
CB138 ppb w.wt ...+....		12.3
CB153 ppb w.wt ...+....		18.3
CB156 ppb w.wt		<<1.3
CB180 ppb w.wt ...+....		4.7
CB209 ppb w.wt		<<1.0
CB Σ7 ppb w.wt ?..+....		<<49
CB ΣΣ ppb w.wt ?..+....		<<53n
DDEPP ppb w.wt ?..+....		14.3n
TDEPP ppb w.wt ?..+....		2.3
DD Σ4 ppb w.wt ?..+....		16.7n
HCHA ppb w.wt ?..+....		<<1.7
HCHG ppb w.wt ?..+....		2.3
HC Σ2 ppb w.wt ?..+....		<<4.0
HCB ppb w.wt ?..+....		2.3
QCB ppb w.wt		<<1.0
OCS ppb w.wt		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette
 Sampl.area : J99 Undefined, Tissue: Fillet
 Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>		941000
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Age year		5.33
Count Max		3.00
Count Min		3.00
Dry %		19.03
Fat %		0.14
Lenght.max mm		473.33
Lenght.mean mm		429.33
Lenght.min mm		395.00
No of individ.in sub-sample		5.00
Weight g		915.43
HG ppm w.wt ?..+..+		0.120n
ZN ppb w.wt ?.....		0.4
CB28 ppb w.wt ...+....		<<0.0
CB52 ppb w.wt ...+....		<<0.0
CB101 ppb w.wt ...+....		<<0.0
CB105 ppb w.wt		<<0.0
CB118 ppb w.wt ...+....		0.1
CB138 ppb w.wt ...+....		0.1
CB153 ppb w.wt ...+....		0.2
CB156 ppb w.wt		<<0.0
CB180 ppb w.wt ...+....		<<0.0
CB209 ppb w.wt		<<0.0
CB Σ7 ppb w.wt ?..+....		<<0
CB ΣΣ ppb w.wt ?..+....		<<0
DDEPP ppb w.wt ?..+....		0.2
TDEPP ppb w.wt ?..+....		0.1
DD Σ4 ppb w.wt ?..+....		0.3
HCHA ppb w.wt ?..+....		0.0
HCHG ppb w.wt ?..+....		0.1
HC Σ2 ppb w.wt ?..+....		0.1
HCB ppb w.wt ?..+....		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 92B Stokken area, Latitude: 64°9.85N Longitude: 9°53.0E

Sampling date (YYMMDD) =>		950927
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		2.00
H Age year		6.00
Count Max		1.00
Count Min		1.00
Dry %		29.10
Fat %		13.80
Lenght.max mm		500.00
Lenght.mean mm		465.00
Lenght.min mm		430.00
No of individ.in sub-sample		2.00
Tissue weight g		27.70
Weight g		1262.50
CD ppm w.wt ?..+....		0.53n
CU ppm w.wt ?.....		3.80
PB ppm w.wt ?..+....		0.05
ZN ppb w.wt ?.....		<<7.0
ZN ppm w.wt ?.....		45.9
CB52 ppb w.wt ...+....		2.0
CB101 ppb w.wt ...+....		2.0
CB105 ppb w.wt		1.0
CB118 ppb w.wt ...+....		3.0
CB138 ppb w.wt ...+....		5.0
CB153 ppb w.wt ...+....		8.0
CB156 ppb w.wt		<<1.0
CB180 ppb w.wt ...+....		1.0
CB209 ppb w.wt		<<1.0
CB Σ7 ppb w.wt ?..+....		21
CB ΣΣ ppb w.wt ?..+....		<<23
DDEPP ppb w.wt ?..+....		3.0
TDEPP ppb w.wt ?..+....		<<1.0
DD Σ4 ppb w.wt ?..+....		<<4.0
HCHA ppb w.wt ?..+....		1.0
HCHG ppb w.wt ?..+....		<<3.0
HC Σ2 ppb w.wt ?..+....		<<4.0
HCB ppb w.wt ?..+....		2.0
QCB ppb w.wt		1.0
OCS ppb w.wt		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 92B Stokken area, Latitude: 64°9.85N Longitude: 9°53.0E

Sampling date (YYMMDD) =>		950927
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		2.00
H Age year		6.00
Count Max		1.00
Count Min		1.00
Dry %		19.70
Fat %		0.37
Lenght.max mm		500.00
Lenght.mean mm		465.00
Lenght.min mm		430.00
No of individ.in sub-sample		2.00
Weight g		1262.50
HG ppm w.wt ?..+..+		0.053
ZN ppb w.wt ?.....		<<0.1
CB28 ppb w.wt ...+....		<<0.0
CB52 ppb w.wt ...+....		0.0
CB101 ppb w.wt ...+....		0.0
CB105 ppb w.wt .....<0.0		
CB118 ppb w.wt ...+....		0.1
CB138 ppb w.wt ...+....		0.1
CB153 ppb w.wt ...+....		0.1
CB156 ppb w.wt .....<0.0		
CB180 ppb w.wt ...+....		0.0
CB209 ppb w.wt .....<0.0		
CB Σ7 ppb w.wt ?..+....<0		
CB ΣΣ ppb w.wt ?..+....<0		
DDEPP ppb w.wt ?..+....		0.0
TDEPP ppb w.wt ?..+....<0.0		
DD Σ4 ppb w.wt ?..+....<0.1		
HCHA ppb w.wt ?..+....<0.0		
HCHG ppb w.wt ?..+....		0.0
HC Σ2 ppb w.wt ?..+....<0.1		
HCB ppb w.wt ?..+....		0.0
QCB ppb w.wt .....<0.0		
OCS ppb w.wt .....<0.0		

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	931115	951101	971115	980915	990916	000921	010919	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	14.00	24.00	20.00	25.00	5.00	20.00	25.00	19.78
B Age year	4.33	6.00	7.55	8.76		5.97	8.92	7.05
Count Max	3.00	5.00	4.00	5.00	1.00	4.00	5.00	
Count Min	3.00	5.00	4.00	5.00	1.00	4.00	5.00	
Dry %	19.40	23.38	23.35	26.50		30.25	30.86	26.86
Fat %	5.37	8.74	12.84	13.10		16.25	15.00	12.82
Lenght.max mm	320.00	432.00	453.75	461.00	405.00	526.25	498.00	457.81
Lenght.mean mm	314.00	414.00	439.50	440.80	391.00	495.00	467.72	436.08
Lenght.min mm	308.33	400.00	423.75	428.00	370.00	472.50	447.60	418.92
No of individ.in sub-sample	4.67	4.80	5.00	5.00	5.00	5.00	5.00	4.94
Tissue weight g	4.51	5.86	13.22	15.94	6.30	25.51	18.64	14.90
Weight g	353.47	781.12	994.15	1069.38	746.20	1590.65	1342.63	1090.10
CD ppm w.wt ?..+....	0.10f	0.92n	0.31n	0.33n	0.21n	0.85n	0.52n	0.92n
CU ppm w.wt ?.....	2.03	2.74	1.51	2.40	9.48	3.44	5.33	7.40
PB ppm w.wt ?..+....	<<0.03	<0.25n	<<0.05	<<0.05	0.22n	0.10	0.05	0.22n
ZN ppb w.wt ?.....	<<5.0	<<9.6	21.2	<<12.3	11.1	<15.1	<<11.3	<11.3
ZN ppm w.wt ?.....	27.9	29.0	28.6	32.4	51.0n	46.7	44.5	51.0n
CB28 ppb w.wt ...+....	<<1.0	<<1.0	<0.5	<<1.6	<<0.6	1.1	<<0.6	1.1
CB52 ppb w.wt ...+....	<<1.0	<1.2	<<0.8	<<1.6	0.8	2.2	1.5	2.2
CB101 ppb w.wt ...+....	<<1.0	<2.6	2.8	<<2.0	1.9	4.0	2.8	<<2.7
CB105 ppb w.wt	<<1.0	<2.0	2.7	<<2.1	1.1	2.3	1.7	<<1.9
CB118 ppb w.wt ...+....	<<1.3	5.4	6.1	4.7	3.5	7.1	5.2	<5.1
CB138 ppb w.wt ...+....	2.5	8.4	9.8	7.6	7.3	11.2	7.4	8.1
CB153 ppb w.wt ...+....	2.0	12.4	12.0	11.4	9.3	15.1	10.9	11.0
CB156 ppb w.wt	<<1.0	<1.0	0.7	<<1.6	<<0.6	<<0.7	<<0.7	<<0.8
CB180 ppb w.wt ...+....	1.0	<3.4	2.7	<<2.6	1.6	2.9	1.7	<2.3
CB209 ppb w.wt	<<1.0	<<1.0	<<0.2	<<1.6	<<0.6	<<0.7	<<0.6	<<0.8
CB Σ7 ppb w.wt ?..+....	<<10	<<34	<<35	<<28	<<25	44	<<30	<<31
CB ΣΣ ppb w.wt ?..+....	<<10	<<37	<<38	<<29	<<26	<<47	<<32	<<33
DDEPP ppb w.wt ?..+....	2.3	7.8	15.9n	8.1	7.8	11.9n	9.2	9.3
TDEPP ppb w.wt ?..+....	<<1.7	<<1.2	3.1	<<4.2	1.1	1.6	<<1.4	<<1.9
DD Σ4 ppb w.wt ?..+....	<<4.0	<<9.0	18.9n	<<12.3n	8.9	13.4n	<<10.5n	<<11.2n
HCHA ppb w.wt ?..+....	<<1.0	<<1.0	1.3	<<1.6	0.9	0.8	<<0.6	1.3
HCHG ppb w.wt ?..+....	<<1.0		1.0	<<1.6	1.3	<0.9	<<0.7	<<1.2
HC Σ2 ppb w.wt ?..+....	<<1.3	<<1.0	2.3	<<1.6	2.2	<1.6	<<1.0	<<1.5
HCB ppb w.wt ?..+....	<<1.0	<1.8	1.6	<1.0	2.5	1.5	1.8	2.0
QCB ppb w.wt	<<1.0	<<1.0	0.8	<<0.8	<<0.3	<<0.3	<<0.3	0.8
OCS ppb w.wt	<<1.0	<<1.0	<<0.2	<<0.8	<<0.6	<<0.7	<<0.3	<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	931115	951101	971115	980915	990916	000921	010919	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
no in sample	14.00	24.00	20.00	25.00	5.00	20.00	25.00	19.78
B Age year	4.33	6.00	7.55	8.76		5.97	8.92	7.05
Count Max	3.00	5.00	4.00	5.00	1.00	4.00	5.00	
Count Min	3.00	1.00	4.00	5.00	1.00	4.00	1.00	
Dry %	18.93	17.74	19.97	20.10	18.80	19.60	20.06	19.43
Fat %	0.20	0.69	0.36	0.54	0.47	0.69	0.55	0.53
Lenght.max mm	320.00	432.00	453.75	461.00	405.00	526.25	498.00	457.81
Lenght.mean mm	314.00	414.00	439.50	440.80	391.00	495.00	467.72	436.08
Lenght.min mm	308.33	400.00	423.75	428.00	370.00	472.50	447.60	418.92
No of individ.in sub-sample	4.67	4.80	5.00	5.00	5.00	5.00	5.00	4.94
Tissue weight g			19.50	15.00	20.08	24.70	44.81	27.66
Weight g	353.47	781.12	994.15	1069.38	746.20	1590.65	1342.63	1090.10
HG ppm w.wt ?..+..+	0.020	0.066	0.036	0.045	0.049	0.113n	0.070	0.113n
ZN ppb w.wt ?.....	<<0.2							<0.2
CB28 ppb w.wt ...+....	<<0.1	<0.0	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1
CB52 ppb w.wt ...+....	<<0.1	0.1	<<0.1	<<0.1	<<0.1	0.1	<<0.1	0.1
CB101 ppb w.wt ...+....	<<0.1	0.2	<0.1	<0.1	0.1	0.2	<0.1	<<0.1
CB105 ppb w.wt ...+....	<<0.1	0.2	<0.1	<<0.1	<<0.1	0.1	<<0.1	<<0.1
CB118 ppb w.wt ...+....	<<0.1	0.5	0.1	0.1	0.1	0.3	<0.1	<<0.2
CB138 ppb w.wt ...+....	<<0.1	0.8	0.2	0.2	0.1	0.4	0.2	<0.3
CB153 ppb w.wt ...+....	<<0.1	1.2	0.2	0.3	0.1	0.5	0.3	<0.4
CB156 ppb w.wt ...+....	<<0.1	0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB180 ppb w.wt ...+....	<<0.1	0.3	<<0.1	<<0.1	<<0.1	0.1	<<0.1	<<0.1
CB209 ppb w.wt ...+....	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB Σ7 ppb w.wt ?..+....	<<0	<4n	<<1	<<1	<<0	<<2	<<1	<<1
CB ΣΣ ppb w.wt ?..+....	<<0	<<4n	<<1	<<1	<<0	<<2	<<1	<<1
DDEPP ppb w.wt ?..+....	0.1	0.7	0.3	0.3	0.1	0.5	0.3	0.3
TDEPP ppb w.wt ?..+....	<<0.1	<<0.8	<<0.5	<<0.4	<<0.3	<<0.6	<<0.4	<<0.3
DD Σ4 ppb w.wt ?..+....	<<0.2	<<0.7	<<0.4	<<0.3	<<0.2	<<0.5	<<0.4	<<0.4
HCHA ppb w.wt ?..+....	<<0.1	<<0.0	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HCHG ppb w.wt ?..+....	<<0.1	0.1	<<0.1	<<0.1	0.1	<<0.1	<<0.1	0.1
HC Σ2 ppb w.wt ?..+....	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HCB ppb w.wt ?..+....	0.1n	0.1n	<0.1	0.1n	0.1	0.1	0.0	0.1n
QCB ppb w.wt ...+....	<<0.1	<<0.0	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
OCS ppb w.wt ...+....	<<0.1	<<0.0	<<0.1	<<0.0	<<0.1	<<0.0	<<0.0	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 10F Skogerøy, Latitude: 69°55.0N Longitude: 29°51.0E

Sampling date (YYMMDD) =>	970906	991018	000919	010916	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean
no in sample	24.00	19.00	15.00	25.00	20.50
B Age year	9.08	7.00	6.93	8.36	7.78
Count Max	5.00	4.00	3.00	5.00	
Count Min	5.00	4.00	3.00	5.00	
Dry %	28.00	30.48	38.23	33.22	33.56
Fat %	11.88	17.05	22.33	14.60	17.13
Lenght.max mm	430.00	405.00	451.67	444.20	437.79
Lenght.mean mm	422.00	389.00	418.33	429.92	417.92
Lenght.min mm	413.00	371.25	395.00	410.80	399.31
No of individ.in sub-sample	4.80	4.75	5.00	5.00	4.92
Tissue weight g	12.91	9.06	11.86	19.14	14.00
Weight g	887.26	728.23	796.20	954.83	852.92
CD ppm w.wt ?..+....	0.68n	0.18f	0.36n	0.39n	0.43n
CU ppm w.wt ?.....	2.08	1.86	1.94	2.46	2.20
PB ppm w.wt ?..+....	0.14	0.07	0.07	<0.06	0.14
ZN ppb w.wt ?.....	25.8	<42.4	<<36.7	<<24.0	25.8
ZN ppm w.wt ?.....	42.0	32.5	31.5	49.8	49.8
CB28 ppb w.wt ...+....	<0.3	<1.5	<<1.7	<<0.6	<<1.3
CB52 ppb w.wt ...+....	<<0.3	3.4	<<3.2	1.2	3.4
CB101 ppb w.wt ...+....	2.6	10.8	4.1	2.2	4.3
CB105 ppb w.wt	2.9	4.3	3.6	1.8	3.0
CB118 ppb w.wt ...+....	8.9	13.8	9.0	5.9	8.8
CB138 ppb w.wt ...+....	11.7	15.8	13.0	7.0	11.2
CB153 ppb w.wt ...+....	13.8	16.8	16.3	10.1	13.9
CB156 ppb w.wt	1.3	<1.2	<<1.5	<<0.6	<<1.1
CB180 ppb w.wt ...+....	3.5	3.4	3.6	1.6	2.9
CB209 ppb w.wt	<<0.2	<<0.9	<<1.3	<<0.6	<<0.8
CB Σ7 ppb w.wt ?..+....	<<41	<65n	<<50n	<<28	<<44
CB ΣΣ ppb w.wt ?..+....	<<45	<<71n	<<55n	<<30	<<48
DDEPP ppb w.wt ?..+....	18.9n	32.5n	29.0n	9.9	21.5n
TDEPP ppb w.wt ?..+....	4.9	7.8	5.3	<1.6	<<4.4
DD Σ4 ppb w.wt ?..+....	23.8n	40.3n	34.3n	<11.4n	<<25.9n
HCHA ppb w.wt ?..+....	1.2	<1.1	<<1.5	<<12.5n	1.2
HCHG ppb w.wt ?..+....	0.8	<1.3	<<1.5	<<0.7	0.8
HC Σ2 ppb w.wt ?..+....	2.0	<2.1	<<2.4	<<12.7n	<<5.7n
HCB ppb w.wt ?..+....	5.7n	9.4n	<<5.1n	2.2	7.5n
QCB ppb w.wt	0.6	<<0.8	<<0.7	<<0.3	0.6
OCS ppb w.wt	<<0.2	<<0.5	<<1.3	<<0.3	<<1.3

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : PLEU PLA, Pleuronectes platessa, GB: Plaice N: Rødspette

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 10F Skogerøy, Latitude: 69°55.0N Longitude: 29°51.0E

Sampling date (YYMMDD) =>	970906	991018	000919	010916	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean
no in sample	24.00	19.00	15.00	25.00	20.50
B Age year	9.08	7.00	6.93	8.36	7.78
Count Max	5.00	4.00	3.00	5.00	
Count Min	5.00	4.00	3.00	5.00	
Dry %	21.26	19.68	20.50	21.60	20.86
Fat %	0.46	0.68	1.19	0.85	0.87
Lenght.max mm	430.00	405.00	451.67	444.20	437.79
Lenght.mean mm	422.00	389.00	418.33	429.92	417.92
Lenght.min mm	413.00	371.25	395.00	410.80	399.31
No of individ.in sub-sample	4.80	4.75	5.00	5.00	4.92
Tissue weight g	21.93	20.48	24.67	30.83	25.57
Weight g	887.26	728.23	796.20	954.83	852.92
HG ppm w.wt ?..+..+	0.036	0.024	0.026	0.022	0.036
ZN ppb w.wt ?.....	<<0.8				<0.8
CB28 ppb w.wt ...+....	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
CB52 ppb w.wt ...+....	<<0.1	0.1	<<0.2	0.1	0.1
CB101 ppb w.wt ...+....	0.1	0.4	0.2	0.4	0.3
CB105 ppb w.wt ...+....	<0.1	0.2	0.1	0.4	<0.2
CB118 ppb w.wt ...+....	0.3	0.6	0.3	0.8	0.5
CB138 ppb w.wt ...+....	0.3	0.6	0.5	0.8	0.6
CB153 ppb w.wt ...+....	0.4	0.8	0.6	0.7	0.6
CB156 ppb w.wt	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
CB180 ppb w.wt ...+....	0.1	0.1	<<0.1	<<0.1	<<0.1
CB209 ppb w.wt	<<0.1	<<0.1	<<0.0	<<0.1	<<0.1
CB Σ7 ppb w.wt ?..+....	<<1	<<3n	<<2	<<1	<<2
CB ΣΣ ppb w.wt ?..+....	<<1	<<3n	<<2n	<<1	<<2
DDEPP ppb w.wt ?..+....	0.6	0.9	1.4n	0.4	0.8
TDEPP ppb w.wt ?..+....	<0.1	0.2	<<1.9n	<<0.5	<<0.7
DD Σ4 ppb w.wt ?..+....	<0.7	1.1n	<<1.8n	<<0.5	<<1.0n
HCHA ppb w.wt ?..+....	<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HCHG ppb w.wt ?..+....	<<0.1	<<0.1	<<0.1	<<0.1	<<0.1
HC Σ2 ppb w.wt ?..+....	<<0.1	<<0.1	<<0.2	<<0.1	<<0.1
HCB ppb w.wt ?..+....	0.2n	0.3n	0.4n	0.1n	0.3n
QCB ppb w.wt	<<0.1	<<0.0	<<0.0	<<0.0	<<0.1
OCS ppb w.wt	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrim N: Glassvar

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	840200	871125	881011	891208	901101	911030	921201	931101	941104	951101	961001	970901	981115	990928
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	19.00	19.00	25.00	25.00	25.00	25.00	15.00	25.00	25.00	25.00	25.00	24.00	25.00	25.00
I Age year	8.14			4.64										
I Count Max	13.00			25.00										
I Count Min	13.00			25.00										
I Dry %	46.27			33.81										
I Lenght.mean mm	408.46			415.20										
I No of individ.in sub-sample	1.00			1.00										
I Tissue weight g				6.40										
I Weight g	576.92			593.68										
I CD ppm w.wt ...+....	0.20f			0.17f										
I CU ppm w.wt				20.20										
I PB ppm w.wt ...+....				0.19										
I ZN ppm w.wt				70.5										
B Age year				4.80	5.60		6.00	7.40	6.80	7.00	8.28	7.22	7.20	5.50
B Count Max				5.00	5.00	5.00	3.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Count Min				5.00	5.00	5.00	3.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00
B Dry %				33.82	39.68	39.90	31.17	35.12	31.12	34.30	37.02	36.74	44.62	36.54
B Fat %				11.06	23.60	24.12	14.60	16.76	16.20	17.86	20.98	19.30	28.70	20.00
B Lenght.max mm				427.00	426.00	392.00	400.00	396.00	410.00	412.00	442.00	440.00	454.00	399.00
B Lenght.mean mm				415.20	412.00	377.20	378.33	382.60	400.20	396.80	426.80	414.40	403.60	384.80
B Lenght.min mm				403.00	398.00	364.00	361.67	372.00	392.00	388.00	413.00	387.00	380.00	374.00
B No of individ.in sub-sample				5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Tissue weight g				9.25	7.30	4.50	6.66	4.52	6.96	10.10	9.34	10.70	6.00	
B Weight g				593.80	609.60	490.00	427.70	453.48	467.24	490.14	634.04	630.24	548.66	480.20
B CD ppm w.wt ...+....				0.22f	0.10	0.12f	0.11f	0.34f	0.26f	0.19f	0.10f	0.06	0.11f	
B CU ppm w.wt				12.47	15.68	13.13	13.22	16.72	19.68	20.04	10.84	10.81	10.99	
B PB ppm w.wt ...+....				0.20	0.08	0.06	<0.06	<0.05	0.06	0.04	<<0.04	0.04	<<0.04	
B ZN ppb w.wt				<276.0	<<251.8	<<229.7	<<180.2	<<284.0	<<177.0	184.2	203.6	308.7	<<304.9	
B ZN ppm w.wt				88.4	89.7	76.4	78.0	61.9	76.9	78.6	68.3	100.8	74.7	
B CB28 ppb w.wt ...+....				s<<82.0	2.6	<<2.0	<<5.0	<<2.2	<<2.0	<<1.4	0.7	<<1.0	1.0	<<2.0
B CB52 ppb w.wt ...+....				s60.0	4.8	3.0	<<5.7	<2.5	3.4	3.2	1.9	<<1.0	2.8	<<2.8
B CB101 ppb w.wt ...+....				s66.0	14.6	9.0	15.3	12.4	14.2	17.2	10.3	8.2	<10.2	7.8
B CB105 ppb w.wt					3.8	<<6.0	3.4	4.6	5.4	3.8	4.4	4.7	<3.2	
B CB118 ppb w.wt ...+....				s<<40.0	14.4	12.6	21.7	12.6	20.4	21.4	12.6	11.2	13.7	17.7
B CB138 ppb w.wt ...+....				s138.0	24.2	21.2	31.0	18.4	25.4	32.2	18.9	23.6	26.2	33.4
B CB153 ppb w.wt ...+....				s114.0	38.2	39.8	78.0	44.2	83.8	92.8	39.6	36.2	46.6	50.0
B PCB ppb w.wt ...+....				516										
B CB156 ppb w.wt					<<2.0	<<5.7	3.0	4.6	5.6	3.7	2.2	3.4	<<2.3	
B CB180 ppb w.wt ...+....				s<<24.0	12.8	8.2	27.0	13.2	27.2	27.4	13.7	11.8	13.4	11.9
B CB209 ppb w.wt				<<2.0	<<2.0	<<5.0	<<2.0	<<2.4	1.6	<0.7	<<1.0	<<0.6	<<1.7	
B CB Σ7 ppb w.wt ...+....				s<<508	112	<<96	<<180	<<100	<<176	<<196	98	<<93	<114	<<124
B CB ΣΣ ppb w.wt ...+....				s<<508	<<114	<<101	<<187	<<106	<<187	<<208	<106	<<99	<<123	<<128
B DDEPP ppb w.wt ...+....				306.0	254.0	212.2	197.3	159.2	254.6	160.0	153.0	163.2	181.8	203.0
B DDTTPP ppb w.wt ...+....				720.0f									93.6	78.2
B TDEPP ppb w.wt ...+....						35.4	27.3	17.6	25.4	14.8	26.0	35.8	26.6	21.1
B DD Σ4 ppb w.wt ...+....				1026.0f	254.0	247.6	224.7	176.8	280.0	174.8	179.0	199.0	302.0	302.3
B HCHA ppb w.wt ...+....					19.4	<<2.0	<<5.0	<<2.0	<<2.2	<<1.0	1.8	1.8	1.9	<<1.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, Lepidorhombus whiffiagonis, GB: Megrim N: Glassvar

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>		001110	011213	Mean
Sample	Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
	no in sample	25.00	25.00	23.79
I	Age year			5.81
	Count Max			
	Count Min			
	Dry %			37.97
	Lenght.mean mm			412.95
	No of individ.in sub-sample			1.00
	Tissue weight g			6.40
	Weight g			588.09
	CD ppm w.wt ...+....			0.18E
	CU ppm w.wt			20.20
	PB ppm w.wt ...+....			0.19
	ZN ppm w.wt			70.5
B	Age year	5.64	7.72	6.68
	Count Max	5.00	5.00	
	Count Min	5.00	5.00	
	Dry %	42.70	41.32	37.53
	Fat %	28.60	25.80	20.96
	Lenght.max mm	441.00	428.00	421.07
	Lenght.mean mm	432.20	411.60	403.38
	Lenght.min mm	420.00	398.00	389.19
	No of individ.in sub-sample	5.00	5.00	5.00
	Tissue weight g	7.30	11.64	8.15
	Weight g	687.22	632.20	555.48
	CD ppm w.wt ...+....	0.06	0.06	0.18E
	CU ppm w.wt	10.22	12.91	15.43
	PB ppm w.wt ...+....	<<0.03	0.04	0.04
	ZN ppb w.wt	<<186.8	114.2	114.2
	ZN ppm w.wt	86.7	112.0	88.4
	CB28 ppb w.wt ...+....	<<1.2	<0.7	<<2.2
	CB52 ppb w.wt ...+....	3.1	2.2	4.0
	CB101 ppb w.wt ...+....	9.2	9.0	<11.3
	CB105 ppb w.wt	3.7	3.7	<4.2
	CB118 ppb w.wt ...+....	11.2	11.4	14.8
	CB138 ppb w.wt ...+....	23.4	19.4	24.4
	CB153 ppb w.wt ...+....	37.8	32.0	50.1
	PCB ppb w.wt ...+....			516
	CB156 ppb w.wt	2.5	1.9	<3.2
	CB180 ppb w.wt ...+....	10.4	8.6	14.9
	CB209 ppb w.wt	<<1.2	<<0.7	<<1.7
	CB Σ7 ppb w.wt ...+....	<<96	<83	<<119
	CB ΣΣ ppb w.wt ...+....	<<103	<<89	<<126
	DDEPP ppb w.wt ...+....	125.4	75.6	188.5
	DDTTPP ppb w.wt ...+....	41.8	27.4	244.1
	TDEPP ppb w.wt ...+....	15.6	9.1	22.0
	DD Σ4 ppb w.wt ...+....	182.8	112.1	319.9
	HCHA ppb w.wt ...+....	<<1.3	0.8	1.8

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrin N: Glassvar

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>				840200	871125	881011	891208	901101	911030	921201	931101	941104	951101	961001	970901	981115	990928
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
	HCHG	ppb	w.wt	...	...		<<20.0	<2.6	2.2	<<5.0	<<2.2	<2.2	<1.4	3.4	2.8	4.8	1.4
	HC Σ2	ppb	w.wt	...	...		<<20.0	<22.0	<<4.2	<<5.0	<<3.4	<<4.0	<<2.2	5.2	4.6	6.7	<<2.6
	HCB	ppb	w.wt	...	...		<<20.0	8.8	4.0	<<5.0	3.6	4.6	2.4	4.4	4.6	4.8	2.9
	QCB	ppb	w.wt	...	...			<<2.0	<<2.0	<<5.0	<<2.0	<<2.0	<<1.0	<<0.5	1.4	0.5	<<1.2
	OCS	ppb	w.wt	...	...			<<2.0	<<2.0	<<5.0	<<2.0	<<2.0	<<1.0	<<0.5	<<1.0	<<0.3	<<1.2
	EPOCL	ppb	w.wt	...	...				2052	<<574	113124						
H	Age		year		6.00	7.00											
	Count Max				1.00	1.00											
	Count Min				1.00	1.00											
	Dry		%			40.30											
	Fat		%		10.00	25.60											
	Lenght.max		mm		490.00	505.00											
	Lenght.mean		mm		398.00	405.00											
	Lenght.min		mm		320.00	340.00											
	No of individ.in sub-sample				19.00	25.00											
	Tissue weight		g		9.22												
	Weight		g		509.00	569.00											
	CD	ppm	w.wt	...	...			0.18f	0.11f								
	CU	ppm	w.wt	...	...			15.30	14.19								
	PB	ppm	w.wt	...	...			0.11	0.12								
	ZN	ppm	w.wt	...	...			80.5	106.4								
	PCB	ppb	w.wt	...	...				680								
	DDEPP	ppb	w.wt	...	...				160.0								
	DDTTP	ppb	w.wt	...	...				<<40.0								
	DD Σ4	ppb	w.wt	...	...				<<200.0								
	HCHG	ppb	w.wt	...	...				<<40.0								
	HC Σ2	ppb	w.wt	...	...				<<40.0								
	HCB	ppb	w.wt	...	...				<<40.0								
	EPOCL	ppb	w.wt	...	...				3330								

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrin N: Glassvar

Sampl.area : J62 Hardangerfjorden, Tissue: Liver

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>				001110	011213	Mean
Sample Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean
HCHG	ppb	w.wt ...+....	2.7	1.3	2.0	
HC Σ2	ppb	w.wt ...+....	<<4.0	2.1	<<7.2	
HCB	ppb	w.wt ...+....	5.1	3.5	5.1	
QCB	ppb	w.wt	<<0.6	<<0.3	<<2.2	
OCS	ppb	w.wt	<<1.1	<<0.3	<<2.0	
EPOCL	ppb	w.wt			<29451	
H Age	year				6.67	
Count Max						
Count Min						
Dry	%				40.30	
Fat	%				20.40	
Lenght.max	mm				500.00	
Lenght.mean	mm				402.67	
Lenght.min	mm				333.33	
No of individ.in sub-sample					23.00	
Tissue weight	g				9.22	
Weight	g				549.00	
CD	ppm	w.wt ...+....			0.13	
CU	ppm	w.wt			14.56	
PB	ppm	w.wt ...+....			0.12	
ZN	ppm	w.wt			<<58.7	
PCB	ppb	w.wt ...+....			680	
DDEPP	ppb	w.wt ...+....			160.0	
DDTTP	ppb	w.wt ...+....			<<40.0	
DD Σ4	ppb	w.wt ...+....			<<200.0	
HCHG	ppb	w.wt ...+....			<<40.0	
HC Σ2	ppb	w.wt ...+....			<<40.0	
HCB	ppb	w.wt ...+....			<<40.0	
EPOCL	ppb	w.wt			3330	

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrim N: Glassvar

Sampl.area : J62 Hardangerfjorden, Tissue: Fillet

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	840200	871125	881011	891208	901101	911030	921201	931101	941104	951101	961001	970901	981115	990928
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
I no in sample	19.00	19.00	25.00	25.00	25.00	25.00	15.00	25.00	25.00	25.00	25.00	24.00	25.00	25.00
I Age year	7.90			4.64										
I Count Max	17.00			25.00										
I Count Min	17.00			25.00										
I Dry %	21.65			21.80										
I Lenght.mean mm	415.29			415.20										
I No of individ.in sub-sample	1.00			1.00										
I Weight g	600.00			593.68										
I HG ppm w.wt ...+...+	0.379f			0.359f										
B Age year				4.80	5.60		6.00	7.40	6.80	7.00	8.28	7.22	7.20	5.50
B Count Max				5.00	5.00	5.00	3.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Count Min				5.00	5.00	5.00	1.00	5.00	4.00	5.00	2.00	5.00	5.00	5.00
B Dry %				21.81	20.14	20.80	24.13	19.94	20.50	20.16	20.08	19.60	20.64	20.12
B Fat %				0.25	0.40	0.38	0.27	0.19	0.08	0.19	0.25	0.29	0.16	0.30
B Lenght.max mm				427.00	426.00	392.00	400.00	396.00	410.00	412.00	442.00	440.00	454.00	399.00
B Lenght.mean mm				415.20	412.00	377.20	378.33	382.60	400.20	396.80	426.80	414.40	403.60	384.80
B Lenght.min mm				403.00	398.00	364.00	361.67	372.00	392.00	388.00	413.00	387.00	380.00	374.00
B No of individ.in sub-sample				5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
B Tissue weight g											20.00	21.22	15.00	15.10
B Weight g				593.80	609.60	490.00	427.70	453.48	467.24	490.14	634.04	630.24	548.66	480.20
B HG ppb w.wt ...+...+				2.838										
B HG ppm w.wt ...+...+				0.496f	0.120	0.206	0.256	0.431f	0.359f	0.410f	0.273	0.170	0.237	
B CB28 ppb w.wt ...+...+				<<0.1	<<0.1	0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
B CB52 ppb w.wt ...+...+				<<0.1	0.1	<<0.1	<<0.1	<<0.0	0.0	0.0	<<0.0	<0.0	<<0.1	<<0.1
B CB101 ppb w.wt ...+...+				0.1	0.1	0.2	<<0.1	0.1	0.1	0.1	<0.1	<0.1	<0.1	0.1
B CB105 ppb w.wt ...+...+				<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	0.0	<<0.0	0.1	<<0.0	<<0.1	<<0.1
B CB118 ppb w.wt ...+...+				0.1	0.1	0.2	<<0.1	0.1	0.2	0.1	0.1	0.1	<0.1	0.1
B CB138 ppb w.wt ...+...+				0.2	0.2	0.7	<<0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2
B CB153 ppb w.wt ...+...+				0.3	0.5	0.7	0.2	0.2	0.7	0.4	0.3	0.1	0.1	0.4
B PCB ppb w.wt ...+...+				<<24										
B CB156 ppb w.wt ...+...+					<<0.1	<<0.1	<<0.1	<<0.0	0.1	<<0.0	<0.0	<<0.0	<<0.0	<<0.1
B CB180 ppb w.wt ...+...+				0.1	0.1	0.2	<<0.1	0.1	0.2	0.1	<0.1	<<0.0	<<0.0	0.1
B CB209 ppb w.wt ...+...+				<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.1
B CB Σ7 ppb w.wt ...+...+				<<1	<<1	<<2	<<1	<<0	<<1	<<1	<<1	<<1	<<0	<<1
B CB ΣΣ ppb w.wt ...+...+				<<1	<<1	<<2	<<1	<<1	<<2	<<1	<<1	<<1	<<0	<<1
B DDEPP ppb w.wt ...+...+				2.6	2.8	2.5	1.5	0.8	2.8	1.2	1.5	0.7	1.5	
B TDEPP ppb w.wt ...+...+					0.3	0.6	<0.3	0.1	0.3	0.1	2.0	0.1	0.2	
B DD Σ4 ppb w.wt ...+...+				2.6	3.1	3.1	<1.8	0.9	3.0	1.3	1.9	0.8	1.7	
B HCHA ppb w.wt ...+...+				0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	0.0	<<0.0	<<0.1	<<0.1
B HCHG ppb w.wt ...+...+				0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	0.1	0.0	0.1	<<0.1	<<0.1
B HC Σ2 ppb w.wt ...+...+				0.2	<<0.1	<<0.2	<<0.1	<<0.0	<<0.1	<<0.0	0.1	<<0.1	<<0.1	<<0.1
B HCB ppb w.wt ...+...+				0.1	0.1	<<0.1	<<0.1	<<0.0	0.0	<0.0	0.1	0.0	0.0	0.0
B QCB ppb w.wt ...+...+				<<0.1	<<3.2	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<0.0	<<0.0	<<0.0
B OCS ppb w.wt ...+...+				<<0.1	<<0.1	<<0.1	<<0.1	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0	<<0.0
H Age year		6.00	7.00											
H Count Max		1.00	1.00											
H Count Min		1.00	1.00											

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrim N: Glassvar

Sampl.area : J62 Hardangerfjorden, Tissue: Fillet

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>		001110	011213	Mean
Sample	Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
	no in sample	25.00	25.00	23.79
I	Age year			5.73
	Count Max			
	Count Min			
	Dry %			21.75
	Lenght.mean mm			415.23
	No of individ.in sub-sample			1.00
	Weight g			595.79
	HG ppm w.wt ...+...+			0.366f
B	Age year	5.64	7.72	6.68
	Count Max	5.00	5.00	
	Count Min	5.00	4.00	
	Dry %	20.34	21.06	20.74
	Fat %	0.41	0.44	0.29
	Lenght.max mm	441.00	428.00	421.07
	Lenght.mean mm	432.20	411.60	403.38
	Lenght.min mm	420.00	398.00	389.19
	No of individ.in sub-sample	5.00	5.00	5.00
	Tissue weight g	20.88	20.40	19.00
	Weight g	687.22	632.20	555.48
	HG ppb w.wt ...+...+			2.838
	HG ppm w.wt ...+...+	0.191	0.156	0.446f
	CB28 ppb w.wt ...+....	<<0.0	<<0.1	<<0.1
	CB52 ppb w.wt ...+....	<0.1	<<0.1	<<0.1
	CB101 ppb w.wt ...+....	0.1	<0.1	<<0.1
	CB105 ppb w.wt	<<0.1	<<0.1	<<0.1
	CB118 ppb w.wt ...+....	0.1	<0.1	<<0.1
	CB138 ppb w.wt ...+....	0.2	0.2	<0.2
	CB153 ppb w.wt ...+....	0.4	0.3	0.4
	PCB ppb w.wt ...+....			<<24
	CB156 ppb w.wt	<<0.0	<<0.1	<<0.1
	CB180 ppb w.wt ...+....	<0.1	<<0.1	<<0.1
	CB209 ppb w.wt	<<0.0	<<0.1	<<0.1
	CB Σ7 ppb w.wt ...+....	<<1	<<1	<<1
	CB ΣΣ ppb w.wt ...+....	<<1	<<1	<<1
	DDEPP ppb w.wt ...+....	1.3	0.6	1.6
	TDEPP ppb w.wt ...+....	0.2	<<0.7	<<0.9
	DD Σ4 ppb w.wt ...+....	1.5	<<0.7	<1.8
	HCHA ppb w.wt ...+....	<<0.0	<<0.1	<<0.1
	HCHG ppb w.wt ...+....	<<0.0	<<0.1	0.1
	HC Σ2 ppb w.wt ...+....	<<0.0	<<0.1	<<0.1
	HCB ppb w.wt ...+....	0.0	0.0	0.0
	QCB ppb w.wt	<<0.0	<<0.0	<<0.6
	OCS ppb w.wt	<<0.0	<<0.0	<<0.0
H	Age year			6.80
	Count Max			
	Count Min			

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrin N: Glassvar

Sampl.area : J62 Hardangerfjorden, Tissue: Fillet

Locality : 67B Strandebarm, Latitude: 60°16.0N Longitude: 6°2.0E

Sampling date (YYMMDD) =>	840200	871125	881011	891208	901101	911030	921201	931101	941104	951101	961001	970901	981115	990928
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Dry %		21.20	22.20											
Fat %			0.20											
Lenght.max mm		490.00	505.00											
Lenght.mean mm		398.00	405.00											
Lenght.min mm		320.00	340.00											
No of individ.in sub-sample		19.00	25.00											
Weight g		509.00	569.00											
HG ppm w.wt ...+..+		0.350f	0.329f											
PCB ppb w.wt ...+....			<<20											

Sampling date (YYMMDD) =>	001110	011213	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
Dry %			22.00
Fat %			0.20
Lenght.max mm			502.00
Lenght.mean mm			403.60
Lenght.min mm			336.00
No of individ.in sub-sample			23.80
Weight g			557.00
HG ppm w.wt ...+..+			0.336f
PCB ppb w.wt ...+....			<<20

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrim N: Glassvar

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21F Åkrefjord, Latitude: 59°45.0N Longitude: 6°7.0E

Sampling date (YYMMDD) =>		000310
SampleParam (w,d,l):	No.Fo.Ri	Mean
B no in sample		25.00
Age year		5.20
Count Max		5.00
Count Min		5.00
Dry %		35.00
Fat %		19.70
Lenght.max mm		379.00
Lenght.mean mm		357.40
Lenght.min mm		341.00
No of individ.in sub-sample		5.00
Tissue weight g		6.66
Weight g		445.78
Weight ppb w.wt		<<87.09
CD ppm w.wt ...+....		0.04
CU ppm w.wt		9.76
PB ppm w.wt ...+....		<<0.03
ZN ppm w.wt		79.9
CB28 ppb w.wt ...+....		1.3
CB52 ppb w.wt ...+....		2.3
CB101 ppb w.wt ...+....		9.2
CB105 ppb w.wt		4.3
CB118 ppb w.wt ...+....		13.0
CB138 ppb w.wt ...+....		22.0
CB153 ppb w.wt ...+....		36.4
CB156 ppb w.wt		1.9
CB180 ppb w.wt ...+....		8.8
CB209 ppb w.wt		<<0.8
CB Σ7 ppb w.wt ...+....		93
CB ΣΣ ppb w.wt ...+....		<<100
DDEPP ppb w.wt ...+....		72.2
TDEPP ppb w.wt ...+....		12.5
DD Σ4 ppb w.wt ...+....		84.7
HCHA ppb w.wt ...+....		<<0.9
HCHG ppb w.wt ...+....		1.5
HC Σ2 ppb w.wt ...+....		<<2.4
HCB ppb w.wt ...+....		3.6
QCB ppb w.wt		<<0.5
OCS ppb w.wt		<<0.5

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : LEPI WHI, *Lepidorhombus whiffiagonis*, GB: Megrim N: Glassvar

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21F Åkrefjord, Latitude: 59°45.0N Longitude: 6°7.0E

Sampling date (YYMMDD) =>		000310
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		25.00
B Age year		5.20
Count Max		5.00
Count Min		5.00
Dry %		19.92
Fat %		0.33
Lenght.max mm		379.00
Lenght.mean mm		357.40
Lenght.min mm		341.00
No of individ.in sub-sample		5.00
Tissue weight g		15.16
Weight g		445.78
HG ppm w.wt ...+..+		0.072
ZN ppb w.wt		<<0.5
CB28 ppb w.wt ...+....		<<0.0
CB52 ppb w.wt ...+....		<<0.0
CB101 ppb w.wt ...+....		0.1
CB105 ppb w.wt		<<0.0
CB118 ppb w.wt ...+....		0.1
CB138 ppb w.wt ...+....		0.2
CB153 ppb w.wt ...+....		0.3
CB156 ppb w.wt		<<0.0
CB180 ppb w.wt ...+....		<0.1
CB209 ppb w.wt		<<0.0
CB Σ7 ppb w.wt ...+....		<<1
CB ΣΣ ppb w.wt ...+....		<<1
DDEPP ppb w.wt ...+....		0.4
TDEPP ppb w.wt ...+....		0.1
DD Σ4 ppb w.wt ...+....		0.5
HCHA ppb w.wt ...+....		<<0.0
HCHG ppb w.wt ...+....		<<0.0
HC Σ2 ppb w.wt ...+....		<<0.0
HCB ppb w.wt ...+....		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre
 Sampl.area : J99 Undefined, Tissue: Liver
 Locality : 15F Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>		941001
SampleParam (w,d,l):	No.Fo.Ri	Mean
H no in sample		5.00
Age year		6.00
Count Max		1.00
Count Min		1.00
Dry %		19.80
Fat %		5.10
Lenght.max mm		320.00
Lenght.mean mm		287.00
Lenght.min mm		250.00
No of individ.in sub-sample		5.00
Tissue weight g		1.23
Weight g		248.30
CD ppm w.wt ?..+....		0.44n
CU ppm w.wt ?.....		2.80
PB ppm w.wt ?..+....		<<0.03
ZN ppb w.wt ?.....		<<11.0
ZN ppm w.wt ?.....		27.8
CB28 ppb w.wt ...+....		<<1.0
CB52 ppb w.wt ...+....		1.0
CB101 ppb w.wt ...+....		1.0
CB105 ppb w.wt		1.0
CB118 ppb w.wt ...+....		2.0
CB138 ppb w.wt ...+....		8.0
CB153 ppb w.wt ...+....		12.0
CB156 ppb w.wt		1.0
CB180 ppb w.wt ...+....		3.0
CB209 ppb w.wt		2.0
CB Σ7 ppb w.wt ?..+....		<<28
CB ΣΣ ppb w.wt ?..+....		<<32
DDEPP ppb w.wt ?..+....		8.0
TDEPP ppb w.wt ?..+....		1.0
DD Σ4 ppb w.wt ?..+....		9.0
HCHA ppb w.wt ?..+....		<<1.0
HCHG ppb w.wt ?..+....		1.0
HC Σ2 ppb w.wt ?..+....		<<2.0
HCB ppb w.wt ?..+....		1.0
QCB ppb w.wt		<<1.0
OCS ppb w.wt		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre
 Sampl.area : J99 Undefined, Tissue: Fillet
 Locality : 15F Ullerø area, Latitude: 58°3.0N Longitude: 6°43.0E

Sampling date (YYMMDD) =>		941001
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		5.00
H Age year		6.00
Count Max		1.00
Count Min		1.00
Dry %		19.70
Fat %		0.39
Lenght.max mm		320.00
Lenght.mean mm		287.00
Lenght.min mm		250.00
No of individ.in sub-sample		5.00
Weight g		248.30
HG ppm w.wt ?..+..+		0.067
ZN ppb w.wt		<<0.3
CB28 ppb w.wt ...+....		<<0.0
CB52 ppb w.wt ...+....		0.0
CB101 ppb w.wt ...+....		<<0.0
CB105 ppb w.wt		<<0.0
CB118 ppb w.wt ...+....		0.1
CB138 ppb w.wt ...+....		0.2
CB153 ppb w.wt ...+....		0.3
CB156 ppb w.wt		<<0.0
CB180 ppb w.wt ...+....		0.1
CB209 ppb w.wt		0.1
CB Σ7 ppb w.wt ?..+....		<<1
CB ΣΣ ppb w.wt ?..+....		<<1
DDEPP ppb w.wt ?..+....		0.3
TDEPP ppb w.wt ?..+....		<<0.0
DD Σ4 ppb w.wt ?..+....		<<0.3
HCHA ppb w.wt ?..+....		<<0.0
HCHG ppb w.wt ?..+....		0.0
HC Σ2 ppb w.wt ?..+....		<<0.1
HCB ppb w.wt ?..+....		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 22F Borøyfjorden, Latitude: 59°43.0N Longitude: 5°21.0E

Sampling date (YYMMDD) =>		940214
SampleParam (w,d,l):	No.Fo.Ri	Mean
B no in sample		28.00
Age year		7.00
Count Max		5.00
Count Min		5.00
Dry %		31.00
Fat %		13.98
Lenght.max mm		347.00
Lenght.mean mm		335.80
Lenght.min mm		329.00
No of individ.in sub-sample		5.00
Tissue weight g		5.68
Weight g		476.86
CD ppm w.wt ?..+....		0.21f
CU ppm w.wt ?.....		12.62
PB ppm w.wt ?..+....		0.08
ZN ppb w.wt ?.....		<<20.8
ZN ppm w.wt ?.....		56.5
CB28 ppb w.wt ...+....		<<1.0
CB52 ppb w.wt ...+....		<1.4
CB101 ppb w.wt ...+....		3.2
CB105 ppb w.wt		2.0
CB118 ppb w.wt ...+....		5.2
CB138 ppb w.wt ...+....		10.8
CB153 ppb w.wt ...+....		17.4
CB156 ppb w.wt		1.2
CB180 ppb w.wt ...+....		4.2
CB209 ppb w.wt		<1.0
CB Σ7 ppb w.wt ?..+....		<<43
CB ΣΣ ppb w.wt ?..+....		<<47
DDEPP ppb w.wt ?..+....		16.2
TDEPP ppb w.wt ?..+....		<<1.2
DD Σ4 ppb w.wt ?..+....		<<17.4
HCHA ppb w.wt ?..+....		1.4
HCHG ppb w.wt ?..+....		2.0
HC Σ2 ppb w.wt ?..+....		3.4
HCB ppb w.wt ?..+....		1.8
QCB ppb w.wt		<<1.0
OCS ppb w.wt		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 22F Borøyfjorden, Latitude: 59°43.0N Longitude: 5°21.0E

Sampling date (YYMMDD) =>		940214
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		28.00
B Age year		7.00
Count Max		5.00
Count Min		5.00
Dry %		20.98
Fat %		0.18
Lenght.max mm		347.00
Lenght.mean mm		335.80
Lenght.min mm		329.00
No of individ.in sub-sample		5.00
Weight g		476.86
HG ppm w.wt ?..+..+		0.059
ZN ppb w.wt		s<<0.4
CB28 ppb w.wt ...+....		<<0.1
CB52 ppb w.wt ...+....		<<0.1
CB101 ppb w.wt ...+....		<<0.1
CB105 ppb w.wt		<<0.1
CB118 ppb w.wt ...+....		<<0.1
CB138 ppb w.wt ...+....		<0.1
CB153 ppb w.wt ...+....		<0.1
CB156 ppb w.wt		<<0.1
CB180 ppb w.wt ...+....		<<0.1
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt ?..+....		<<0
CB ΣΣ ppb w.wt ?..+....		<<0
DDEPP ppb w.wt ?..+....		<0.1
TDEPP ppb w.wt ?..+....		<<0.1
DD Σ4 ppb w.wt ?..+....		<<0.2
HCHA ppb w.wt ?..+....		<<0.1
HCHG ppb w.wt ?..+....		s0.1
HC Σ2 ppb w.wt ?..+....		s<<0.2
HCB ppb w.wt ?..+....		<<0.1n
QCB ppb w.wt		<<0.1
OCS ppb w.wt		<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>	941000	951101	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	3.00	20.00	11.50
B Age year		7.25	7.25
Count Max		4.00	
Count Min		4.00	
Dry %		27.05	27.05
Fat %		10.13	10.13
Lenght.max mm		358.75	358.75
Lenght.mean mm		342.25	342.25
Lenght.min mm		327.50	327.50
No of individ.in sub-sample		5.00	5.00
Tissue weight g		32.98	32.98
Weight g		447.15	447.15
CD ppm w.wt ?..+....		0.39n	0.39n
CU ppm w.wt ?.....		13.20	13.20
PB ppm w.wt ?..+....		0.08	0.08
ZN ppb w.wt ?.....		<<10.5	<<10.5
ZN ppm w.wt ?.....		41.9	41.9
CB28 ppb w.wt ...+....		<<1.0	<<1.0
CB52 ppb w.wt ...+....		1.5	1.5
CB101 ppb w.wt ...+....		1.8	1.8
CB105 ppb w.wt		1.8	1.8
CB118 ppb w.wt ...+....		4.8	4.8
CB138 ppb w.wt ...+....		10.0	10.0
CB153 ppb w.wt ...+....		17.0	17.0
CB156 ppb w.wt		1.5	1.5
CB180 ppb w.wt ...+....		6.8	6.8
CB209 ppb w.wt		1.3	1.3
CB Σ7 ppb w.wt ?..+....		<<43	<<43
CB ΣΣ ppb w.wt ?..+....		<<47	<<47
DDEPP ppb w.wt ?..+....		7.0	7.0
TDEPP ppb w.wt ?..+....		<<1.0	<<1.0
DD Σ4 ppb w.wt ?..+....		<<8.0	<<8.0
HCHA ppb w.wt ?..+....		1.0	1.0
HCHG ppb w.wt ?..+....		1.5	1.5
HC Σ2 ppb w.wt ?..+....		2.5	2.5
HCB ppb w.wt ?..+....		1.3	1.3
QCB ppb w.wt		<<1.0	<<1.0
OCS ppb w.wt		<<1.0	<<1.0
H Age year	9.00		9.00
Count Max	1.00		
Count Min	1.00		
Dry %	25.60		25.60
Fat %	5.70		5.70
Lenght.max mm	410.00		410.00
Lenght.mean mm	385.00		385.00
Lenght.min mm	370.00		370.00
No of individ.in sub-sample	3.00		3.00

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>	941000	951101	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
Tissue weight g	8.43		8.43
Weight g	589.60		589.60
CD ppm w.wt ?..+....	0.39n		0.39n
CU ppm w.wt ?.....	11.90		11.90
PB ppm w.wt ?..+....	0.05		0.05
ZN ppb w.wt ?.....	<<6.0		<6.0
ZN ppm w.wt ?.....	50.9		50.9
CB28 ppb w.wt ...+....	<<1.0		<<1.0
CB52 ppb w.wt ...+....	<<1.0		<<1.0
CB101 ppb w.wt ...+....	1.0		1.0
CB105 ppb w.wt	1.0		1.0
CB118 ppb w.wt ...+....	2.0		2.0
CB138 ppb w.wt ...+....	3.0		3.0
CB153 ppb w.wt ...+....	5.0		5.0
CB156 ppb w.wt	<<1.0		<<1.0
CB180 ppb w.wt ...+....	2.0		2.0
CB209 ppb w.wt	<<1.0		<<1.0
CB Σ7 ppb w.wt ?..+....	<<14		<<14
CB ΣΣ ppb w.wt ?..+....	<<15		<<15
DDEPP ppb w.wt ?..+....	4.0		4.0
TDEPP ppb w.wt ?..+....	<<1.0		<<1.0
DD Σ4 ppb w.wt ?..+....	<<5.0		<<5.0
HCHA ppb w.wt ?..+....	<<1.0		<<1.0
HCHG ppb w.wt ?..+....	1.0		1.0
HC Σ2 ppb w.wt ?..+....	<<2.0		<<2.0
HCB ppb w.wt ?..+....	1.0		1.0
QCB ppb w.wt	<<1.0		<<1.0
OCS ppb w.wt	<<1.0		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>		941000	951101	Mean
Sample	Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
	no in sample	3.00	20.00	11.50
B	Age year		7.25	7.25
	Count Max		4.00	
	Count Min		3.00	
	Dry %		19.90	19.90
	Fat %		0.25	0.25
	Lenght.max mm		358.75	358.75
	Lenght.mean mm		342.25	342.25
	Lenght.min mm		327.50	327.50
	No of individ.in sub-sample		5.00	5.00
	Weight g		447.15	447.15
	HG ppm w.wt ?..+..+		0.074	0.074
	CB28 ppb w.wt ...+....		<<0.0	<<0.0
	CB52 ppb w.wt ...+....		0.0	0.0
	CB101 ppb w.wt ...+....		<0.0	<<0.0
	CB105 ppb w.wt		<<0.0	<<0.0
	CB118 ppb w.wt ...+....		0.1	0.1
	CB138 ppb w.wt ...+....		0.1	0.1
	CB153 ppb w.wt ...+....		0.2	0.2
	CB156 ppb w.wt		<<0.0	<<0.0
	CB180 ppb w.wt ...+....		0.1	0.1
	CB209 ppb w.wt		<<0.0	<<0.0
	CB Σ7 ppb w.wt ?..+....		<<1	<<1
	CB ΣΣ ppb w.wt ?..+....		<<1	<<1
	DDEPP ppb w.wt ?..+....		0.1	0.1
	TDEPP ppb w.wt ?..+....		<<0.1	<<0.1
	DD Σ4 ppb w.wt ?..+....		<<0.1	<<0.1
	HCHA ppb w.wt ?..+....		<<0.0	<<0.0
	HC Σ2 ppb w.wt ?..+....		<<0.0	<<0.0
	HCB ppb w.wt ?..+....		0.0	0.0
	QCB ppb w.wt		<<0.0	<<0.0
	OCS ppb w.wt		<<0.0	<<0.0
H	Age year	9.00		9.00
	Count Max	1.00		
	Count Min	1.00		
	Dry %		20.70	20.70
	Fat %		0.04	0.04
	Lenght.max mm	410.00		410.00
	Lenght.mean mm	385.00		385.00
	Lenght.min mm	370.00		370.00
	No of individ.in sub-sample	3.00		3.00
	Weight g	589.60		589.60
	HG ppm w.wt ?..+..+	0.119n		0.119n
	ZN ppb w.wt		<<0.1	<0.1
	CB28 ppb w.wt ...+....		<<0.0	<<0.0
	CB52 ppb w.wt ...+....		<<0.0	<<0.0
	CB101 ppb w.wt ...+....		<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre
 Sampl.area : J99 Undefined, Tissue: Fillet
 Locality : 23B Karihavet area, Latitude: 59°55.0N Longitude: 5°7.0E

Sampling date (YYMMDD) =>			941000	951101	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean
CB105	ppb	w.wt	<<0.0		<<0.0
CB118	ppb	w.wt	<<0.0		<<0.0
CB138	ppb	w.wt	<<0.0		<<0.0
CB153	ppb	w.wt	0.0		0.0
CB156	ppb	w.wt	<<0.0		<<0.0
CB180	ppb	w.wt	<<0.0		<<0.0
CB209	ppb	w.wt	<<0.0		<<0.0
CB Σ7	ppb	w.wt	<<0		<<0
CB ΣΣ	ppb	w.wt	<<0		<<0
DDEPP	ppb	w.wt	0.0		0.0
TDEPP	ppb	w.wt	<<0.0		<<0.0
DD Σ4	ppb	w.wt	<<0.1		<<0.1
HCHA	ppb	w.wt	<<0.0		<<0.0
HCHG	ppb	w.wt	0.0		0.0
HC Σ2	ppb	w.wt	<<0.1		<<0.1
HCB	ppb	w.wt	<<0.0		<<0.0
QCB	ppb	w.wt	<<0.0		<<0.0
OCS	ppb	w.wt	<<0.0		<<0.0

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre
 Sampl.area : J65 Orkdalsfjorden, Tissue: Liver
 Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>			881117
Sample	Param	(w,d,l): No.Fo.Ri	Mean
H	no in sample		2.00
	Age	year	5.00
	Count Max		1.00
	Count Min		1.00
	Dry	%	36.00
	Fat	%	14.20
	Lenght.max	mm	340.00
	Lenght.mean	mm	310.00
	Lenght.min	mm	280.00
	No of individ.in sub-sample		2.00
	Weight	g	372.00
	CD	ppm w.wt	0.18f
	CU	ppm w.wt	20.16n
	PB	ppm w.wt	0.12n
	ZN	ppm w.wt	56.5
	PCB	ppb w.wt	250n
	DDEPP	ppb w.wt	<<40.0n
	DDTTP	ppb w.wt	<<40.0n
	DD Σ4	ppb w.wt	<<40.0n
	HCHG	ppb w.wt	<<40.0n
	HC Σ2	ppb w.wt	<<40.0n
	HCB	ppb w.wt	<<40.0n
	EPOCL	ppb w.wt	2500

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J65 Orkdalsfjorden, Tissue: Fillet

Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		881117
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		2.00
H Age year		5.00
Count Max		1.00
Count Min		1.00
Dry %		23.00
Fat %		0.20
Lenght.max mm		340.00
Lenght.mean mm		310.00
Lenght.min mm		280.00
No of individ.in sub-sample		2.00
Weight g		372.00
HG ppm w.wt ?..+..+		0.012
PCB ppb w.wt ?..+....		<<20n

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	941001	951101	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	4.00	5.00	4.50
H Age year	7.00	8.00	7.50
Count Max	1.00	1.00	
Count Min	1.00	1.00	
Dry %	23.50	35.10	29.30
Fat %	6.20	20.60	13.40
Lenght.max mm	435.00	430.00	432.50
Lenght.mean mm	404.00	402.00	403.00
Lenght.min mm	370.00	350.00	360.00
No of individ.in sub-sample	4.00	5.00	4.50
Tissue weight g	6.11	8.42	7.26
Weight g	728.10	845.20	786.65
CD ppm w.wt ?..+....	0.78n	1.23n	1.01n
CU ppm w.wt ?.....	6.26	11.40	8.83
PB ppm w.wt ?..+....	0.07	0.06	0.07
ZN ppb w.wt ?.....		<<8.0	<8.0
ZN ppm w.wt ?.....	44.1	54.6	49.4
CB28 ppb w.wt ...+....		1.0	1.0
CB52 ppb w.wt ...+....		2.0	2.0
CB101 ppb w.wt ...+....		2.0	2.0
CB105 ppb w.wt		2.0	2.0
CB118 ppb w.wt ...+....		4.0	4.0
CB138 ppb w.wt ...+....		6.0	6.0
CB153 ppb w.wt ...+....		9.0	9.0
CB156 ppb w.wt		1.0	1.0
CB180 ppb w.wt ...+....		3.0	3.0
CB209 ppb w.wt		1.0	1.0
CB Σ7 ppb w.wt ?..+....		27	27
CB ΣΣ ppb w.wt ?..+....		31	31
DDEPP ppb w.wt ?..+....		5.0	5.0
TDEPP ppb w.wt ?..+....		<<1.0	<<1.0
DD Σ4 ppb w.wt ?..+....		<<6.0	<<6.0
HCHA ppb w.wt ?..+....		1.0	1.0
HCHG ppb w.wt ?..+....		1.0	1.0
HC Σ2 ppb w.wt ?..+....		2.0	2.0
HCB ppb w.wt ?..+....		3.0	3.0
QCB ppb w.wt		<<1.0	<<1.0
OCS ppb w.wt		<<1.0	<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>	941001	951101	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	4.00	5.00	4.50
H Age year	7.00	8.00	7.50
Count Max	1.00	1.00	
Count Min	1.00	1.00	
Dry %	20.50	21.30	20.90
Fat %	0.10	0.50	0.30
Lenght.max mm	435.00	430.00	432.50
Lenght.mean mm	404.00	402.00	403.00
Lenght.min mm	370.00	350.00	360.00
No of individ.in sub-sample	4.00	5.00	4.50
Weight g	728.10	845.20	786.65
HG ppm w.wt ?..+..+		0.044	0.044
ZN ppb w.wt	<<0.2		<0.2
CB28 ppb w.wt ...+....	<<0.0	<<0.0	<<0.0
CB52 ppb w.wt ...+....	<<0.0	0.0	<<0.0
CB101 ppb w.wt ...+....	<<0.0	0.0	<<0.0
CB105 ppb w.wt	<<0.0	<<0.0	<<0.0
CB118 ppb w.wt ...+....	<<0.0	0.1	<<0.0
CB138 ppb w.wt ...+....	0.1	0.1	0.1
CB153 ppb w.wt ...+....	0.1	0.1	0.1
CB156 ppb w.wt	<<0.0	<<0.0	<<0.0
CB180 ppb w.wt ...+....	0.0	0.0	0.0
CB209 ppb w.wt	<<0.0	<<0.0	<<0.0
CB Σ7 ppb w.wt ?..+....	<<0	<<0	<<0
CB ΣΣ ppb w.wt ?..+....	<<0	<<0	<<0
DDEPP ppb w.wt ?..+....	0.2	0.1	0.1
TDEPP ppb w.wt ?..+....	<<0.0	<<0.4	<<0.2
DD Σ4 ppb w.wt ?..+....	<<0.2	<<0.1	<<0.1
HCHA ppb w.wt ?..+....	<<0.0	<<0.0	<<0.0
HCHG ppb w.wt ?..+....	0.0	0.3n	0.2
HC Σ2 ppb w.wt ?..+....	<<0.1	<<0.4n	<<0.2
HCB ppb w.wt ?..+....	0.0	0.1n	0.1
QCB ppb w.wt	<<0.0	<<0.0	<<0.0
OCS ppb w.wt	<<0.0	<<0.0	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 43F Kvænangen,Olderfjord, Latitude: 70°9.0N Longitude: 21°22.0E

Sampling date (YYMMDD) =>		961031
SampleParam (w,d,l):	No.Fo.Ri	Mean
H no in sample		5.00
Age year		6.00
Count Max		1.00
Count Min		1.00
Dry %		27.50
Fat %		5.65
Lenght.max mm		475.00
Lenght.mean mm		411.00
Lenght.min mm		365.00
No of individ.in sub-sample		5.00
Tissue weight g		9.22
Weight g		800.00
CD ppm w.wt ?..+....		1.46n
CU ppm w.wt ?.....		9.90
PB ppm w.wt ?..+....		0.08
ZN ppb w.wt ?.....		<<7.2
ZN ppm w.wt ?.....		51.0
CB28 ppb w.wt ...+....		<<0.5
CB52 ppb w.wt ...+....		<<0.5
CB101 ppb w.wt ...+....		0.6
CB105 ppb w.wt		0.7
CB118 ppb w.wt ...+....		1.7
CB138 ppb w.wt ...+....		3.5
CB153 ppb w.wt ...+....		6.5
CB156 ppb w.wt		0.5
CB180 ppb w.wt ...+....		2.1
CB209 ppb w.wt		<<0.5
CB Σ7 ppb w.wt ?..+....		<<15
CB ΣΣ ppb w.wt ?..+....		<<16
DDEPP ppb w.wt ?..+....		6.1
TDEPP ppb w.wt ?..+....		0.6
DD Σ4 ppb w.wt ?..+....		6.7
HCHA ppb w.wt ?..+....		<<0.5
HCHG ppb w.wt ?..+....		<<0.5
HC Σ2 ppb w.wt ?..+....		<<0.5
HCB ppb w.wt ?..+....		0.8
QCB ppb w.wt		<<0.5
OCS ppb w.wt		<<0.5

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MICR KIT, Microstomus kitt, GB: Lemon sole N: Lomre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 43F Kvanangen,Olderfjord, Latitude: 70°9.0N Longitude: 21°22.0E

Sampling date (YYMMDD) =>		961031
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		5.00
H Age year		6.00
Count Max		1.00
Count Min		1.00
Dry %		19.30
Fat %		0.10
Lenght.max mm		475.00
Lenght.mean mm		411.00
Lenght.min mm		365.00
No of individ.in sub-sample		5.00
Tissue weight g		20.00
Weight g		800.00
HG ppm w.wt ?..+..+		0.040
ZN ppb w.wt		<<0.1
CB28 ppb w.wt ...+....		<<0.0
CB52 ppb w.wt ...+....		<<0.0
CB101 ppb w.wt ...+....		<<0.0
CB105 ppb w.wt ...+....		<<0.0
CB118 ppb w.wt ...+....		<<0.0
CB138 ppb w.wt ...+....		0.1
CB153 ppb w.wt ...+....		0.1
CB156 ppb w.wt ...+....		<<0.0
CB180 ppb w.wt ...+....		<<0.0
CB209 ppb w.wt ...+....		<<0.0
CB Σ7 ppb w.wt ?..+....		<<0
CB ΣΣ ppb w.wt ?..+....		<<0
DDEPP ppb w.wt ?..+....		0.1
TDEPP ppb w.wt ?..+....		<<0.0
DD Σ4 ppb w.wt ?..+....		<<0.1
HCHA ppb w.wt ?..+....		<<0.0
HC Σ2 ppb w.wt ?..+....		<<0.0
HCB ppb w.wt ?..+....		<<0.0
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GLYP CYN, Glyptocephalus cynoglossus, GB: Witch N: Smørflyndre

Sampl.area : J63 Sørfjorden, Tissue: Liver

Locality : 53B Inner Sørfjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>		870222
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	3.00
	Age year	2.00
	Count Max	2.00
	Count Min	2.00
	Fat %	26.00
	Lenght.mean mm	352.50
	No of individ.in sub-sample	1.00
	Tissue weight g	4.20
	Weight g	413.00
	CD ppm w.wt	1.75
	CU ppm w.wt	8.00
	PB ppm w.wt	7.80
	ZN ppm w.wt	27.8
B	Age year	2.00
	Count Max	1.00
	Count Min	1.00
	Fat %	27.70
	Lenght.max mm	360.00
	Lenght.mean mm	353.00
	Lenght.min mm	345.00
	No of individ.in sub-sample	2.00
	Weight g	413.00
	PCB ppb w.wt	1023

Species : GLYP CYN, Glyptocephalus cynoglossus, GB: Witch N: Smørflyndre

Sampl.area : J63 Sørfjorden, Tissue: Fillet

Locality : 53B Inner Sørfjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>		870222
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	3.00
	Age year	2.00
	Count Max	3.00
	Count Min	3.00
	Dry %	20.60
	Fat %	0.19
	Lenght.mean mm	348.33
	No of individ.in sub-sample	1.00
	Weight g	361.00
	HG ppm w.wt	0.617

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GLYP CYN, Glyptocephalus cynoglossus, GB: Witch N: Smørflyndre

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>		951101
SampleParam (w,d,l):	No.Fo.Ri	Mean
H no in sample		3.00
Age year		8.00
Count Max		1.00
Count Min		1.00
Dry %		37.20
Fat %		19.00
Lenght.max mm		480.00
Lenght.mean mm		447.00
Lenght.min mm		420.00
No of individ.in sub-sample		3.00
Tissue weight g		6.07
Weight g		648.00
Weight ppb w.wt		<<11.00
CD ppm w.wt		0.29
CU ppm w.wt		0.80
PB ppm w.wt		0.11
ZN ppm w.wt		19.9
CB28 ppb w.wt		1.0
CB52 ppb w.wt		3.0
CB101 ppb w.wt		6.0
CB105 ppb w.wt		3.0
CB118 ppb w.wt		10.0
CB138 ppb w.wt		15.0
CB153 ppb w.wt		20.0
CB156 ppb w.wt		2.0
CB180 ppb w.wt		6.0
CB209 ppb w.wt		<<1.0
CB Σ7 ppb w.wt		61
CB ΣΣ ppb w.wt		<<67
DDEPP ppb w.wt		8.0
TDEPP ppb w.wt		<<1.0
DD Σ4 ppb w.wt		<<9.0
HCHA ppb w.wt		1.0
HCHG ppb w.wt		1.0
HC Σ2 ppb w.wt		2.0
HCB ppb w.wt		4.0
QCB ppb w.wt		<<1.0
OCS ppb w.wt		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : GLYP CYN, Glyptocephalus cynoglossus, GB: Witch N: Smørflyndre

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 98F Lille Molla, Latitude: 68°12.0N Longitude: 14°48.0E

Sampling date (YYMMDD) =>		951101
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		3.00
H Age year		8.00
Count Max		1.00
Count Min		1.00
Dry %		18.00
Fat %		0.41
Lenght.max mm		480.00
Lenght.mean mm		447.00
Lenght.min mm		420.00
No of individ.in sub-sample		3.00
Weight g		648.00
HG ppm w.wt	0.087
ZN ppb w.wt	<<0.6
CB28 ppb w.wt	<<0.0
CB52 ppb w.wt	0.1
CB101 ppb w.wt	0.1
CB105 ppb w.wt	0.0
CB118 ppb w.wt	0.1
CB138 ppb w.wt	0.2
CB153 ppb w.wt	0.3
CB156 ppb w.wt	<<0.0
CB180 ppb w.wt	0.1
CB209 ppb w.wt	<<0.0
CB Σ7 ppb w.wt	<<1
CB ΣΣ ppb w.wt	<<1
DDEPP ppb w.wt	0.1
TDEPP ppb w.wt	<<0.0
DD Σ4 ppb w.wt	<<0.2
HCHA ppb w.wt	<<0.0
HCHG ppb w.wt	0.4
HC Σ2 ppb w.wt	<<0.4
HCB ppb w.wt	0.1
QCB ppb w.wt	<<0.0
OCS ppb w.wt	<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J63 Sørfjorden, Tissue: Liver

Locality : 53D Digraneset, Latitude: 60°11.0N Longitude: 6°34.5E

SampleParam (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>	011204	
no in sample		20.00
B Age year		10.75
Count Max		4.00
Count Min		1.00
Dry %		61.25
Fat %		50.00
Lenght.max mm		715.00
Lenght.mean mm		655.00
Lenght.min mm		587.50
No of individ.in sub-sample		5.00
Tissue weight g		113.56
Weight g		3107.65
CD ppm w.wt +.....		0.14n
CU ppm w.wt		3.75
PB ppm w.wt +.....		0.35n
ZN ppb w.wt		<<7248.1
ZN ppm w.wt		17.8
CB28 ppb w.wt		<<3.1
CB52 ppb w.wt		23.7
CB101 ppb w.wt		130.8
CB105 ppb w.wt		68.5
CB118 ppb w.wt		196.8
CB138 ppb w.wt		592.5
CB153 ppb w.wt		797.5
CB156 ppb w.wt		47.3
CB180 ppb w.wt		270.0
CB209 ppb w.wt		<<6.9
CB Σ7 ppb w.wt +.....		<<2014n
CB ΣΣ ppb w.wt		<<2135
DDEPP ppb w.wt +.....		3000.0n
DDTTPP ppb w.wt		3517.5
TDEPP ppb w.wt		727.5
DD Σ4 ppb w.wt		7245.0
HCHA ppb w.wt		<<3.1
HCHG ppb w.wt		<<3.1
HC Σ2 ppb w.wt		<<3.1
HCB ppb w.wt		9.8
QCB ppb w.wt		<<2.0
OCS ppb w.wt		<<4.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53D Digraneset, Latitude: 60°11.0N Longitude: 6°34.5E

SampleParam (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>	011204	
no in sample		20.00
B Age year		10.75
Count Max		4.00
Count Min		4.00
Dry %		21.42
Fat %		0.26
Lenght.max mm		715.00
Lenght.mean mm		655.00
Lenght.min mm		587.50
No of individ.in sub-sample		5.00
Tissue weight g		24.05
Weight g		3107.65
HG ppm w.wt ?.....		2.070n
ZN ppb w.wt		<<6.8
CB28 ppb w.wt		<<0.1
CB52 ppb w.wt		<<0.1
CB101 ppb w.wt		0.3
CB105 ppb w.wt		0.2
CB118 ppb w.wt		0.5
CB138 ppb w.wt		1.3
CB153 ppb w.wt		1.6
CB156 ppb w.wt		0.1
CB180 ppb w.wt		0.5
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt		<<4
CB ΣΣ ppb w.wt		<<5
DDEPP ppb w.wt		5.8
TDEPP ppb w.wt		1.0
DD Σ4 ppb w.wt		6.7
HCHA ppb w.wt		<<0.1
HCHG ppb w.wt		<<0.1
HC Σ2 ppb w.wt		<<0.1
HCB ppb w.wt		<<0.1
QCB ppb w.wt		<<0.1
OCS ppb w.wt		<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme
 Sampl.area : J63 Sør fjorden, Tissue: Liver
 Locality : 56D , Latitude: 60°13.40N Longitude: 6°36.10E

Sampling date (YYMMDD) =>		000410
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Count Max		3.00
Count Min		1.00
Fat %		54.67
Lenght.max mm		703.33
Lenght.mean mm		650.00
Lenght.min mm		606.67
No of individ.in sub-sample		5.00
Weight g		3250.80
CD ppm w.wt +.....		0.17n
CU ppm w.wt		4.56
HG ppm w.wt		13.510
PB ppm w.wt +.....		0.44n
ZN ppb w.wt		<<6380.5
ZN ppm w.wt		16.1
CB28 ppb w.wt		<<3.1
CB52 ppb w.wt		24.6
CB101 ppb w.wt		189.3
CB105 ppb w.wt		60.7
CB118 ppb w.wt		181.3
CB138 ppb w.wt		886.7
CB153 ppb w.wt		1220.0
CB156 ppb w.wt		52.7
CB180 ppb w.wt		390.0
CB209 ppb w.wt		<<4.4
CB Σ7 ppb w.wt +.....		<<2895n
CB ΣΣ ppb w.wt		<<3012
DDEPP ppb w.wt +.....		5366.7n
TDEPP ppb w.wt		1010.0
DD Σ4 ppb w.wt		6376.7
HCHA ppb w.wt		<<2.3
HCHG ppb w.wt		<<2.5
HC Σ2 ppb w.wt		<<3.8
HCB ppb w.wt		9.5
QCB ppb w.wt		s2.3
OCS ppb w.wt		<<4.9

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme
 Sampl.area : J63 Sør fjorden, Tissue: Fillet
 Locality : 56D , Latitude: 60°13.40N Longitude: 6°36.10E

Sampling date (YYMMDD) =>		000410
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		15.00
B Count Max		3.00
Count Min		3.00
Fat %		0.28
Lenght.max mm		703.33
Lenght.mean mm		650.00
Lenght.min mm		606.67
No of individ.in sub-sample		5.00
Tissue weight g		15.23
Weight g		3250.80
HG ppm w.wt ?.....		2.553n
ZN ppb w.wt		<<9.5
CB28 ppb w.wt		<<0.1
CB52 ppb w.wt		<<0.1
CB101 ppb w.wt		0.4
CB105 ppb w.wt		0.1
CB118 ppb w.wt		0.3
CB138 ppb w.wt		1.4
CB153 ppb w.wt		1.9
CB156 ppb w.wt		0.1
CB180 ppb w.wt		0.5
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt		<<5
CB ΣΣ ppb w.wt		<<5
DDEPP ppb w.wt		8.0
TDEPP ppb w.wt		1.5
DD Σ4 ppb w.wt		9.5
HCHA ppb w.wt		<<0.0
HCHG ppb w.wt		<<0.0
HC Σ2 ppb w.wt		<<0.0
HCB ppb w.wt		0.0
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sample	Sampling date (YYMMDD) => Param (w,d,l): No.Fo.Ri	000400 Mean	011215 Mean	Mean Mean
	no in sample	3.00	20.00	14.33
B	Age year		10.30	10.30
	Count Max		4.00	
	Count Min		4.00	
	Dry %		64.88	64.88
	Fat %		56.00	56.00
	Lenght.max mm		665.00	665.00
	Lenght.mean mm		621.00	621.00
	Lenght.min mm		562.50	562.50
	No of individ.in sub-sample		5.00	5.00
	Tissue weight g		122.63	122.63
	Weight g		2902.50	2902.50
	CD ppm w.wt +.....		0.09	0.09
	CU ppm w.wt		1.26	1.26
	PB ppm w.wt +.....		<<0.03	<<0.03
	ZN ppb w.wt		<<1065.5	<<1065.5
	ZN ppm w.wt		12.8	12.8
	CB28 ppb w.wt		<5.3	<<5.3
	CB52 ppb w.wt		22.0	22.0
	CB101 ppb w.wt		87.5	87.5
	CB105 ppb w.wt		43.8	43.8
	CB118 ppb w.wt		128.5	128.5
	CB138 ppb w.wt		375.0	375.0
	CB153 ppb w.wt		505.0	505.0
	CB156 ppb w.wt		22.0	22.0
	CB180 ppb w.wt		127.3	127.3
	CB209 ppb w.wt		<4.0	<<4.0
	CB Σ7 ppb w.wt +.....		<1251n	<<1251n
	CB ΣΣ ppb w.wt		<1320	<<1320
	DDEPP ppb w.wt +.....		530.0n	530.0n
	DDTTPP ppb w.wt		347.3	347.3
	TDEPP ppb w.wt		185.3	185.3
	DD Σ4 ppb w.wt		1062.5	1062.5
	HCHA ppb w.wt		<<3.0	<<3.0
	HCHG ppb w.wt		<<3.0	<<3.0
	HC Σ2 ppb w.wt		<<3.0	<<3.0
	HCB ppb w.wt		14.5	14.5
	OCS ppb w.wt		<3.4	<<3.4
H	Count Max	1.00		
	Count Min	1.00		
	Fat %	69.00		69.00
	Lenght.max mm	660.00		660.00
	Lenght.mean mm	637.00		637.00
	Lenght.min mm	600.00		600.00
	No of individ.in sub-sample	3.00		3.00
	Tissue weight g	119.73		119.73
	Weight g	2782.70		2782.70

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>				000400	011215	Mean
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean
CD	ppm	w.wt	+.....	0.04		0.04
CU	ppm	w.wt	.....	1.18		1.18
PB	ppm	w.wt	+.....	<<0.03		<<0.03
ZN	ppb	w.wt	.....	397.6		397.6
ZN	ppm	w.wt	.....	9.8		9.8
CB28	ppb	w.wt	.....	5.3		5.3
CB52	ppb	w.wt	.....	13.0		13.0
CB101	ppb	w.wt	.....	51.0		51.0
CB105	ppb	w.wt	.....	23.0		23.0
CB118	ppb	w.wt	.....	61.0		61.0
CB138	ppb	w.wt	.....	200.0		200.0
CB153	ppb	w.wt	.....	290.0		290.0
CB156	ppb	w.wt	.....	14.0		14.0
CB180	ppb	w.wt	.....	6.8		6.8
CB209	ppb	w.wt	.....	<<0.1		<<0.1
CB Σ7	ppb	w.wt	+.....	627n		627n
CB ΣΣ	ppb	w.wt	.....	<<664		<<664
DDEPP	ppb	w.wt	+.....	280.0n		280.0n
TDEPP	ppb	w.wt	.....	110.0		110.0
DD Σ4	ppb	w.wt	.....	390.0		390.0
HCHA	ppb	w.wt	.....	3.3		3.3
HCHG	ppb	w.wt	.....	4.3		4.3
HC Σ2	ppb	w.wt	.....	7.6		7.6
HCB	ppb	w.wt	.....	12.0		12.0
QCB	ppb	w.wt	.....	s2.0		s2.0
OCS	ppb	w.wt	.....	1.6		1.6

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>	000400	011215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	3.00	20.00	14.33
B Age year		10.30	10.30
Count Max		4.00	
Count Min		4.00	
Dry %		21.10	21.10
Fat %		0.25	0.25
Lenght.max mm		665.00	665.00
Lenght.mean mm		621.00	621.00
Lenght.min mm		562.50	562.50
No of individ.in sub-sample		5.00	5.00
Tissue weight g		21.76	21.76
Weight g		2902.50	2902.50
HG ppm w.wt ?.....		0.541n	0.541n
CB28 ppb w.wt		<<0.1	<<0.1
CB52 ppb w.wt		<<0.1	<<0.1
CB101 ppb w.wt		0.2	0.2
CB105 ppb w.wt		0.1	0.1
CB118 ppb w.wt		0.3	0.3
CB138 ppb w.wt		0.9	0.9
CB153 ppb w.wt		1.1	1.1
CB156 ppb w.wt		<<0.1	<<0.1
CB180 ppb w.wt		0.3	0.3
CB209 ppb w.wt		<<0.1	<<0.1
CB Σ7 ppb w.wt		<<3	<<3
CB ΣΣ ppb w.wt		<<3	<<3
DDEPP ppb w.wt		1.2	1.2
TDEPP ppb w.wt		<0.3	<<0.9
DD Σ4 ppb w.wt		<1.5	<<1.5
HCHA ppb w.wt		<<0.1	<<0.1
HCHG ppb w.wt		<<0.1	<<0.1
HC Σ2 ppb w.wt		<<0.1	<<0.1
HCB ppb w.wt		0.1	0.1
QCB ppb w.wt		<<0.0	<<0.0
OCS ppb w.wt		<<0.0	<<0.0
H Count Max	1.00		
Count Min	1.00		
Fat %	0.33		0.33
Lenght.max mm	660.00		660.00
Lenght.mean mm	637.00		637.00
Lenght.min mm	600.00		600.00
No of individ.in sub-sample	3.00		3.00
Tissue weight g	50.30		50.30
Weight g	2782.70		2782.70
HG ppm w.wt ?.....		0.354n	0.354n
ZN ppb w.wt		<<0.6	<0.6
CB28 ppb w.wt		<<0.1	<<0.1
CB52 ppb w.wt		<<0.1	<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>			000400	011215	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean
CB101	ppb	w.wt	0.1		0.1
CB105	ppb	w.wt	<<0.1		<<0.1
CB118	ppb	w.wt	0.1		0.1
CB138	ppb	w.wt	0.3		0.3
CB153	ppb	w.wt	0.4		0.4
CB156	ppb	w.wt	<<0.1		<<0.1
CB180	ppb	w.wt	0.1		0.1
CB209	ppb	w.wt	<<0.1		<<0.1
CB Σ7	ppb	w.wt	<<1		<<1
CB ΣΣ	ppb	w.wt	<<1		<<1
DDEPP	ppb	w.wt	0.4		0.4
TDEPP	ppb	w.wt	0.2		0.2
DD Σ4	ppb	w.wt	0.6		0.6
HCHA	ppb	w.wt	<<0.0		<<0.0
HCHG	ppb	w.wt	<<0.0		<<0.0
HC Σ2	ppb	w.wt	<<0.0		<<0.0
HCB	ppb	w.wt	0.0		0.0
QCB	ppb	w.wt	<<0.0		<<0.0
OCS	ppb	w.wt	<<0.0		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 10B Varangerfjorden, Latitude: 69°56.0N Longitude: 29°40.0E

Sampling date (YYMMDD) =>		941130
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	1.00
	Age year	12.00
	Count Max	1.00
	Count Min	1.00
	Dry %	75.20
	Fat %	67.80
	Lenght.mean mm	570.00
	No of individ.in sub-sample	1.00
	Tissue weight g	65.60
	Weight g	1772.10
	CD ppm w.wt +.....	50.00n
	CU ppm w.wt	2.60
	PB ppm w.wt +.....	<<0.03
	ZN ppb w.wt	262.0
	ZN ppm w.wt	12.7
	CB28 ppb w.wt	8.0
	CB52 ppb w.wt	27.0
	CB101 ppb w.wt	84.0
	CB105 ppb w.wt	44.0
	CB118 ppb w.wt	132.0
	CB138 ppb w.wt	154.0
	CB153 ppb w.wt	180.0
	CB156 ppb w.wt	16.0
	CB180 ppb w.wt	39.0
	CB209 ppb w.wt	<<3.0
	CB Σ7 ppb w.wt +.....	624n
	CB ΣΣ ppb w.wt	<<687
	DDEPP ppb w.wt +.....	213.0n
	TDEPP ppb w.wt	40.0
	DD Σ4 ppb w.wt	253.0
	HCHA ppb w.wt	5.0
	HCHG ppb w.wt	4.0
	HC Σ2 ppb w.wt	9.0
	HCB ppb w.wt	25.0
	QCB ppb w.wt	<<3.0
	OCS ppb w.wt	3.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : BROS BRO, Brosme brosme, GB: Bream N: Brosme

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 10B Varangerfjorden, Latitude: 69°56.0N Longitude: 29°40.0E

SampleParam (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>	941130	
no in sample		1.00
I Age year		12.00
Count Max		1.00
Count Min		1.00
Fat %		0.22
Lenght.mean mm		570.00
No of individ.in sub-sample		1.00
Weight g		1772.10
HG ppm w.wt ?.....		0.041
ZN ppb w.wt		<<0.5
CB28 ppb w.wt		<<0.0
CB52 ppb w.wt		0.0
CB101 ppb w.wt		0.1
CB105 ppb w.wt		0.1
CB118 ppb w.wt		0.1
CB138 ppb w.wt		0.2
CB153 ppb w.wt		0.2
CB156 ppb w.wt		<<0.0
CB180 ppb w.wt		0.0
CB209 ppb w.wt		<<0.0
CB Σ7 ppb w.wt		<<1
CB ΣΣ ppb w.wt		<<1
DDEPP ppb w.wt		0.3
TDEPP ppb w.wt		0.1
DD Σ4 ppb w.wt		0.4
HCHA ppb w.wt		0.0
HCHG ppb w.wt		<<0.0
HC Σ2 ppb w.wt		<<0.1
HCB ppb w.wt		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MELA AEG, Melanogrammus aeglefinnus, GB: Haddock N: Hyse
 Sampl.area : J65 Orkdalsfjorden, Tissue: Liver
 Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		861118	871020	881117	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean
H	no in sample	13.00	11.00	4.00	9.00
	Age year	2.00	2.00	4.00	2.80
	Count Max	2.00	2.00	1.00	
	Count Min	1.00	1.00	1.00	
	Dry %	70.86	84.50	78.60	76.68
	Fat %	65.00	65.10	61.70	63.70
	Lenght.max mm	470.00	645.00	495.00	515.00
	Lenght.mean mm	429.00	433.00	451.00	438.60
	Lenght.min mm	370.00	380.00	420.00	392.00
	No of individ.in sub-sample	13.00	11.00	4.00	9.00
	Tissue weight g	26.58	33.50		28.89
	Weight g	775.00	857.00	828.00	812.60
	CD ppm w.wt	0.00	0.13	0.02	0.04
	CU ppm w.wt	2.85	4.36	2.13	2.86
	PB ppm w.wt	0.10	<<0.17	<<0.07	<<0.10
	ZN ppm w.wt	7.4	19.9	11.9	<5.9
	PCB ppb w.wt	340	300	590	432
	DDEPP ppb w.wt	40.0	50.0	<<40.0	<<42.0
	DDTPP ppb w.wt	<<45.0	60.0	<<40.0	<<46.0
	DD Σ4 ppb w.wt	<<85.0	110.0	<<40.0	<<72.0
	HCHG ppb w.wt	60.0	40.0	<<40.0	<<48.0
	HC Σ2 ppb w.wt	60.0	40.0	<<40.0	<<48.0
	HCB ppb w.wt	20.0	<<40.0	<<40.0	<<32.0
	EPOCL ppb w.wt	2350	<<800	7670	<4168

Species : MELA AEG, Melanogrammus aeglefinnus, GB: Haddock N: Hyse
 Sampl.area : J65 Orkdalsfjorden, Tissue: Fillet
 Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		861118	871020	881117	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean	Mean
H	no in sample	13.00	11.00	4.00	8.00
	Age year	2.00	2.00	4.00	3.00
	Count Max	2.00	1.00	1.00	
	Count Min	1.00	1.00	1.00	
	Dry %	22.21	20.50	22.60	21.98
	Fat %		0.10	0.20	0.17
	Lenght.max mm	470.00	645.00	495.00	526.25
	Lenght.mean mm	429.00	433.00	451.00	441.00
	Lenght.min mm	370.00	380.00	420.00	397.50
	No of individ.in sub-sample	13.00	11.00	4.00	8.00
	Weight g	775.00	857.00	828.00	822.00
	HG ppm w.wt	0.022	0.076	0.014	0.031
	PCB ppb w.wt	<<20	<<20	<<20	<<20

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 53D Digraneset, Latitude: 60°11.0N Longitude: 6°34.5E

Sampling date (YYMMDD) =>		011204
SampleParam (w,d,l):	No.Fo.Ri	Mean
B	no in sample	25.00
	Age year	9.76
	Count Max	5.00
	Count Min	1.00
	Dry %	61.94
	Fat %	52.80
	Lenght.max mm	974.00
	Lenght.mean mm	866.80
	Lenght.min mm	752.00
	No of individ.in sub-sample	5.00
	Tissue weight g	158.93
	Weight g	3241.28
	Weight ppb w.wt	<<2431.80
	CD ppm w.wt +.....	0.07
	CU ppm w.wt	4.95
	PB ppm w.wt +.....	<<0.05
	ZN ppb w.wt	<<2431.8
	ZN ppm w.wt	23.9
	CB28 ppb w.wt	<<4.1
	CB52 ppb w.wt	13.2
	CB101 ppb w.wt	90.2
	CB105 ppb w.wt	52.8
	CB118 ppb w.wt	140.0
	CB138 ppb w.wt	290.0
	CB153 ppb w.wt	332.0
	CB156 ppb w.wt	31.2
	CB180 ppb w.wt	143.0
	CB209 ppb w.wt	<<4.4
	CB Σ7 ppb w.wt +.....	<<1012n
	CB ΣΣ ppb w.wt	<<1099
	DDEPP ppb w.wt +.....	1500.0n
	DDTPP ppb w.wt	712.0
	TDEPP ppb w.wt	215.8
	DD Σ4 ppb w.wt	2427.8
	HCHA ppb w.wt	<<4.0
	HCHG ppb w.wt	<<4.0
	HC Σ2 ppb w.wt	<<4.0
	HCB ppb w.wt	8.4
	QCB ppb w.wt	5.8
	OCS ppb w.wt	<<2.2

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53D Digraneset, Latitude: 60°11.0N Longitude: 6°34.5E

SampleParam (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>	011204	
no in sample		25.00
B Age year		9.76
Count Max		5.00
Count Min		5.00
Dry %		21.06
Fat %		0.31
Lenght.max mm		974.00
Lenght.mean mm		866.80
Lenght.min mm		752.00
No of individ.in sub-sample		5.00
Tissue weight g		24.82
Weight g		3241.28
HG ppm w.wt ?.....		0.912n
ZN ppb w.wt		<<5.3
CB28 ppb w.wt		<<0.1
CB52 ppb w.wt		<<0.1
CB101 ppb w.wt		0.3
CB105 ppb w.wt		0.2
CB118 ppb w.wt		0.5
CB138 ppb w.wt		0.9
CB153 ppb w.wt		1.0
CB156 ppb w.wt		<<0.1
CB180 ppb w.wt		0.4
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt		<<3
CB ΣΣ ppb w.wt		<<4
DDEPP ppb w.wt		4.7
TDEPP ppb w.wt		0.4
DD Σ4 ppb w.wt		5.2
HCHA ppb w.wt		<<0.1
HCHG ppb w.wt		<<0.1
HC Σ2 ppb w.wt		<<0.1
HCB ppb w.wt		<<0.1
QCB ppb w.wt		<<0.1
OCS ppb w.wt		<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 56D , Latitude: 60°13.40N Longitude: 6°36.10E

Sample Param (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>	000410	
no in sample		2.00
H Count Max		1.00
Count Min		1.00
Fat %		56.00
Lenght.max mm		930.00
Lenght.mean mm		905.00
Lenght.min mm		880.00
No of individ.in sub-sample		2.00
Tissue weight g		135.00
Weight g		3380.00
CD ppm w.wt +.....		0.38n
CU ppm w.wt		8.60
HG ppm w.wt		1.860
PB ppm w.wt +.....		<<0.03
ZN ppb w.wt		<<3084.4
ZN ppm w.wt		19.4
CB28 ppb w.wt		3.0
CB52 ppb w.wt		12.0
CB101 ppb w.wt		100.0
CB105 ppb w.wt		59.0
CB118 ppb w.wt		180.0
CB138 ppb w.wt		580.0
CB153 ppb w.wt		650.0
CB156 ppb w.wt		42.0
CB180 ppb w.wt		290.0
CB209 ppb w.wt		<<3.0
CB Σ7 ppb w.wt +.....		1815n
CB ΣΣ ppb w.wt		<<1919
DDEPP ppb w.wt +.....		2800.0n
TDEPP ppb w.wt		280.0
DD Σ4 ppb w.wt		3080.0
HCHA ppb w.wt		<<2.0
HCHG ppb w.wt		2.4
HC Σ2 ppb w.wt		<<4.4
HCB ppb w.wt		10.0
QCB ppb w.wt		s2.3
OCS ppb w.wt		5.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 56D , Latitude: 60°13.40N Longitude: 6°36.10E

SampleParam (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>		000410
no in sample		2.00
H Count Max		1.00
Count Min		1.00
Fat %		0.34
Lenght.max mm		930.00
Lenght.mean mm		905.00
Lenght.min mm		880.00
No of individ.in sub-sample		2.00
Tissue weight g		50.30
Weight g		3380.00
HG ppm w.wt ?.....		2.200n
ZN ppb w.wt		<<6.2
CB28 ppb w.wt		<<0.1
CB52 ppb w.wt		<<0.1
CB101 ppb w.wt		0.3
CB105 ppb w.wt		0.2
CB118 ppb w.wt		0.4
CB138 ppb w.wt		1.1
CB153 ppb w.wt		1.1
CB156 ppb w.wt		0.1
CB180 ppb w.wt		0.5
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt		<<3
CB ΣΣ ppb w.wt		<<4
DDEPP ppb w.wt		5.6
TDEPP ppb w.wt		0.6
DD Σ4 ppb w.wt		6.2
HCHA ppb w.wt		<<0.0
HCHG ppb w.wt		<<0.0
HC Σ2 ppb w.wt		<<0.0
HCB ppb w.wt		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>	000400	011215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	5.00	20.00	15.00
B Age year		7.50	7.50
Count Max		4.00	
Count Min		4.00	
Dry %		69.75	69.75
Fat %		61.00	61.00
Lenght.max mm		931.25	931.25
Lenght.mean mm		862.50	862.50
Lenght.min mm		815.00	815.00
No of individ.in sub-sample		5.00	5.00
Tissue weight g		158.34	158.34
Weight g		3407.50	3407.50
CD ppm w.wt +.....		0.07	0.07
CU ppm w.wt		2.84	2.84
PB ppm w.wt +.....		<<0.03	<<0.03
ZN ppb w.wt		<<759.1	<<759.1
ZN ppm w.wt		16.9	16.9
CB28 ppb w.wt		<5.7	<<5.7
CB52 ppb w.wt		14.2	14.2
CB101 ppb w.wt		57.0	57.0
CB105 ppb w.wt		31.3	31.3
CB118 ppb w.wt		89.5	89.5
CB138 ppb w.wt		202.5	202.5
CB153 ppb w.wt		245.0	245.0
CB156 ppb w.wt		14.6	14.6
CB180 ppb w.wt		79.5	79.5
CB209 ppb w.wt		<<4.3	<<4.3
CB Σ7 ppb w.wt +.....		<693n	<<693n
CB ΣΣ ppb w.wt		<<743	<<743
DDEPP ppb w.wt +.....		462.5n	462.5n
DDTTPP ppb w.wt		209.8	209.8
TDEPP ppb w.wt		82.8	82.8
DD Σ4 ppb w.wt		755.0	755.0
HCHA ppb w.wt		<<3.3	<<3.3
HCHG ppb w.wt		<<3.3	<<3.3
HC Σ2 ppb w.wt		<<4.1	<<4.1
HCB ppb w.wt		14.0	14.0
OCS ppb w.wt		3.4	3.4
H Count Max	1.00		
Count Min	1.00		
Fat %	57.00		57.00
Lenght.max mm	1120.00		1120.00
Lenght.mean mm	1006.00		1006.00
Lenght.min mm	880.00		880.00
No of individ.in sub-sample	5.00		5.00
Tissue weight g	175.30		175.30
Weight g	4485.00		4485.00

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>				000400	011215	Mean
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean
CD	ppm	w.wt	+.....	0.38n		0.38n
CU	ppm	w.wt	.....	5.93		5.93
PB	ppm	w.wt	+.....	<<0.03		<<0.03
ZN	ppb	w.wt	.....	<<984.6		<984.6
ZN	ppm	w.wt	.....	15.5		15.5
CB28	ppb	w.wt	.....	7.0		7.0
CB52	ppb	w.wt	.....	21.0		21.0
CB101	ppb	w.wt	.....	70.0		70.0
CB105	ppb	w.wt	.....	64.0		64.0
CB118	ppb	w.wt	.....	170.0		170.0
CB138	ppb	w.wt	.....	470.0		470.0
CB153	ppb	w.wt	.....	530.0		530.0
CB156	ppb	w.wt	.....	35.0		35.0
CB180	ppb	w.wt	.....	230.0		230.0
CB209	ppb	w.wt	.....	<<3.0		<<3.0
CB Σ7	ppb	w.wt	+.....	1498n		1498n
CB ΣΣ	ppb	w.wt	.....	<<1600		<<1600
DDEPP	ppb	w.wt	+.....	790.0n		790.0n
TDEPP	ppb	w.wt	.....	190.0		190.0
DD Σ4	ppb	w.wt	.....	980.0		980.0
HCHA	ppb	w.wt	.....	<<2.0		<<2.0
HCHG	ppb	w.wt	.....	2.6		2.6
HC Σ2	ppb	w.wt	.....	<<4.6		<<4.6
HCB	ppb	w.wt	.....	24.0		24.0
QCB	ppb	w.wt	.....	s1.4		s1.4
OCS	ppb	w.wt	.....	7.4		7.4

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>	000400	011215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	5.00	20.00	15.00
B Age year		7.50	7.50
Count Max		4.00	
Count Min		4.00	
Dry %		20.80	20.80
Fat %		0.36	0.36
Lenght.max mm		931.25	931.25
Lenght.mean mm		862.50	862.50
Lenght.min mm		815.00	815.00
No of individ.in sub-sample		5.00	5.00
Tissue weight g		21.58	21.58
Weight g		3407.50	3407.50
HG ppm w.wt ?.....		0.393n	0.393n
CB28 ppb w.wt		<<0.1	<<0.1
CB52 ppb w.wt		<<0.1	<<0.1
CB101 ppb w.wt		0.2	0.2
CB105 ppb w.wt		0.1	0.1
CB118 ppb w.wt		0.2	0.2
CB138 ppb w.wt		0.5	0.5
CB153 ppb w.wt		0.6	0.6
CB156 ppb w.wt		<<0.1	<<0.1
CB180 ppb w.wt		0.2	0.2
CB209 ppb w.wt		<<0.1	<<0.1
CB Σ7 ppb w.wt		<<2	<<2
CB ΣΣ ppb w.wt		<<2	<<2
DDEPP ppb w.wt		1.4	1.4
TDEPP ppb w.wt		<0.2	<<0.9
DD Σ4 ppb w.wt		<1.6	<<1.6
HCHA ppb w.wt		<<0.1	<<0.1
HCHG ppb w.wt		<<0.1	<<0.1
HC Σ2 ppb w.wt		<<0.1	<<0.1
HCB ppb w.wt		0.1	0.1
QCB ppb w.wt		<<0.0	<<0.0
OCS ppb w.wt		<<0.0	<<0.0
H Count Max	1.00		
Count Min	1.00		
Fat %	0.31		0.31
Lenght.max mm	1120.00		1120.00
Lenght.mean mm	1006.00		1006.00
Lenght.min mm	880.00		880.00
No of individ.in sub-sample	5.00		5.00
Tissue weight g	50.16		50.16
Weight g	4485.00		4485.00
HG ppm w.wt ?.....		0.581n	0.581n
ZN ppb w.wt		<<1.7	<1.7
CB28 ppb w.wt		<<0.1	<<0.1
CB52 ppb w.wt		0.1	0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MOLV MOL, Molve Molve, GB: Ling N: Lange

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>			000400	011215	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean
CB101	ppb	w.wt	0.2		0.2
CB105	ppb	w.wt	0.1		0.1
CB118	ppb	w.wt	0.3		0.3
CB138	ppb	w.wt	0.8		0.8
CB153	ppb	w.wt	0.9		0.9
CB156	ppb	w.wt	0.1		0.1
CB180	ppb	w.wt	0.3		0.3
CB209	ppb	w.wt	<<0.1		<<0.1
CB Σ7	ppb	w.wt	<<3		<<3
CB ΣΣ	ppb	w.wt	<<3		<<3
DDEPP	ppb	w.wt	1.4		1.4
TDEPP	ppb	w.wt	0.3		0.3
DD Σ4	ppb	w.wt	1.7		1.7
HCHA	ppb	w.wt	<<0.0		<<0.0
HCHG	ppb	w.wt	<<0.0		<<0.0
HC Σ2	ppb	w.wt	<<0.0		<<0.0
HCB	ppb	w.wt	0.1		0.1
QCB	ppb	w.wt	<<0.0		<<0.0
OCS	ppb	w.wt	0.0		0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : MERL MNG, Merlangus merlangus, GB: Whiting N: Hvitting
 Sampl.area : J65 Orkdalsfjorden, Tissue: Liver
 Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		871020	881117	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
H	no in sample	5.00	6.00	5.67
	Age year	1.00	1.00	1.00
	Count Max	2.00	1.00	
	Count Min	1.00	1.00	
	Dry %	78.39	76.80	77.33
	Fat %	60.20	61.50	61.07
	Lenght.max mm	440.00	470.00	460.00
	Lenght.mean mm	380.00	352.00	361.33
	Lenght.min mm	325.00	250.00	275.00
	No of individ.in sub-sample	5.00	6.00	5.67
	Tissue weight g	22.72		22.72
	Weight g	492.00	404.00	433.33
	CD ppm w.wt	0.07	0.05	0.06
	CU ppm w.wt	6.52	3.86	4.75
	PB ppm w.wt	<<0.14	0.08	<<0.10
	ZN ppm w.wt	25.2	18.4	<0.5
	PCB ppb w.wt	440	1090	873
	DDEPP ppb w.wt	120.0	140.0	133.3
	DDTPP ppb w.wt	340.0	140.0	206.7
	DD Σ4 ppb w.wt	460.0	280.0	340.0
	HCHG ppb w.wt	<<40.0	<<40.0	<<40.0
	HC Σ2 ppb w.wt	<<40.0	<<40.0	<<40.0
	HCB ppb w.wt	<<40.0	<<40.0	<<40.0
	EPOCL ppb w.wt	8120		8120

Species : MERL MNG, Merlangus merlangus, GB: Whiting N: Hvitting
 Sampl.area : J65 Orkdalsfjorden, Tissue: Fillet
 Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		871020	881117	Mean
Sample Param (w,d,l):	No.Fo.Ri	Mean	Mean	Mean
H	no in sample	5.00	6.00	5.67
	Age year	1.00	1.00	1.00
	Count Max	2.00	1.00	
	Count Min	1.00	1.00	
	Dry %	22.10	21.50	21.70
	Fat %	0.30	0.20	0.23
	Lenght.max mm	440.00	470.00	460.00
	Lenght.mean mm	380.00	352.00	361.33
	Lenght.min mm	325.00	250.00	275.00
	No of individ.in sub-sample	5.00	6.00	5.67
	Weight g	492.00	404.00	433.33
	HG ppm w.wt	0.045	0.043	0.044
	PCB ppb w.wt	<<20	20	<<20

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : POLL POL, Pollachius pollachius, GB: Pollack N: Lys

Sampl.area : J65 Orkdalsfjorden, Tissue: Liver

Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>	851127	861118	881117	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
I no in sample	16.00	1.00	7.00	7.75
Count Max		1.00		
Count Min		1.00		
Dry %		63.96		63.96
Fat %		58.70		58.70
Lenght.mean mm		410.00		410.00
No of individ.in sub-sample		1.00		1.00
Tissue weight g		12.30		12.30
Weight g		540.00		540.00
CD ppm w.wt		0.08		0.08
CU ppm w.wt		10.11		10.11
PB ppm w.wt		0.16		0.16
ZN ppm w.wt		38.2		38.2
PCB ppb w.wt		620		620
PCB ppm w.wt		0		0
DDEPP ppb w.wt		140.0		140.0
DDTTPP ppb w.wt		90.0		90.0
DD Σ4 ppb w.wt		230.0		230.0
HCHG ppb w.wt		50.0		50.0
HC Σ2 ppb w.wt		50.0		50.0
HCB ppb w.wt		40.0		40.0
EPOCL ppb w.wt		10200		10200
H Age year	3.00		4.00	3.67
Count Max	2.00		1.00	
Count Min	2.00		1.00	
Dry %	71.10		79.10	76.43
Fat %	61.70		60.00	60.57
Lenght.max mm	650.00		550.00	583.33
Lenght.mean mm	501.00		511.00	507.67
Lenght.min mm	420.00		425.00	423.33
No of individ.in sub-sample	16.00		7.00	10.00
Tissue weight g	4.65			4.65
Weight g	1351.00		1324.00	1333.00
Weight ppm w.wt	0.11			0.11
CD ppm w.wt	0.07		0.02	0.04
CU ppm w.wt			2.31	2.31
PB ppm w.wt			<<0.10	<<0.10
ZN ppm w.wt			17.8	<<9.0
PCB ppb w.wt	830		1200	1077
DDEPP ppb w.wt	115.0		140.0	131.7
DDTTPP ppb w.wt			90.0	90.0
DD Σ4 ppb w.wt	115.0		230.0	191.7
HCHG ppb w.wt			<<40.0	<<40.0
HC Σ2 ppb w.wt			<<40.0	<<40.0
HCB ppb w.wt	50.0		<<40.0	<<43.3
EPOCL ppb w.wt			7000	7000

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : POLL POL, Pollachius pollachius, GB: Pollack N: Lys

Sampl.area : J65 Orkdalsfjorden, Tissue: Fillet

Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>	851127	861118	881117	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean	Mean
I no in sample	16.00	1.00	7.00	7.75
Age year	3.73			3.73
Count Max	16.00	1.00		
Count Min	16.00	1.00		
Dry %	22.00	21.18		21.59
Lenght.mean mm	500.63	410.00		455.31
No of individ.in sub-sample	1.00	1.00		1.00
Weight g	1351.27	540.00		945.63
HG ppm w.wt	0.048	0.030		0.039
PCB ppb w.wt	<<50	40		<<45
H Age year			4.00	4.00
Count Max			1.00	
Count Min			1.00	
Dry %			22.40	22.40
Fat %			0.20	0.20
Lenght.max mm			550.00	550.00
Lenght.mean mm			511.00	511.00
Lenght.min mm			425.00	425.00
No of individ.in sub-sample			7.00	7.00
Weight g			1324.00	1324.00
HG ppm w.wt			0.036	0.036
PCB ppb w.wt			<<20	<<20

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J63 Sørfjorden, Tissue: Liver

Locality : 53D Digraneset, Latitude: 60°11.0N Longitude: 6°34.5E

SampleParam (w,d,l):	No.Fo.Ri	Mean
Sampling date (YYMMDD) =>		011204
no in sample		10.00
Count Max		2.00
Count Min		2.00
Dry %		83.40
Fat %		79.50
Lenght.max mm		945.00
Lenght.mean mm		834.00
Lenght.min mm		770.00
No of individ.in sub-sample		5.00
Tissue weight g		227.90
Weight g		1312.50
Weight ppb w.wt		<<3004.00
CD ppm w.wt		0.05
CU ppm w.wt		1.52
PB ppm w.wt		0.09
ZN ppb w.wt		<<3004.0
ZN ppm w.wt		2.7
CB28 ppb w.wt		<<4.0
CB52 ppb w.wt		<<4.0
CB101 ppb w.wt		<<4.0
CB105 ppb w.wt		5.9
CB118 ppb w.wt		58.5
CB138 ppb w.wt		177.0
CB153 ppb w.wt		235.0
CB156 ppb w.wt		12.8
CB180 ppb w.wt		105.0
CB209 ppb w.wt		<<5.9
CB Σ7 ppb w.wt		<<580n
CB ΣΣ ppb w.wt		<<602
DDEPP ppb w.wt		2550.0n
DDTTPP ppb w.wt		370.0
TDEPP ppb w.wt		80.0
DD Σ4 ppb w.wt		3000.0
HCHA ppb w.wt		<<4.0
HCHG ppb w.wt		<<4.0
HC Σ2 ppb w.wt		<<4.0
HCB ppb w.wt		10.6
OCS ppb w.wt		<<2.7

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 53D Digraneset, Latitude: 60°11.0N Longitude: 6°34.5E

Sampling date (YYMMDD) =>		011204
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		10.00
B Count Max		2.00
Count Min		2.00
Dry %		19.10
Fat %		0.60
Lenght.max mm		945.00
Lenght.mean mm		834.00
Lenght.min mm		770.00
No of individ.in sub-sample		5.00
Tissue weight g		23.79
Weight g		1312.50
HG ppm w.wt ?.....		0.816n
ZN ppb w.wt		<<6.3
CB28 ppb w.wt		<<0.1
CB101 ppb w.wt		<<0.1
CB105 ppb w.wt		<<0.1
CB118 ppb w.wt		0.1
CB138 ppb w.wt		0.4
CB153 ppb w.wt		0.5
CB156 ppb w.wt		<<0.1
CB180 ppb w.wt		0.2
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt		<<1
CB ΣΣ ppb w.wt		<<1
DDEPP ppb w.wt		6.1
TDEPP ppb w.wt		<<6.3
DD Σ4 ppb w.wt		<<6.3
HCHA ppb w.wt		<<0.1
HCHG ppb w.wt		<<0.1
HC Σ2 ppb w.wt		<<0.1
HCB ppb w.wt		<<0.1
QCB ppb w.wt		<<0.1
OCS ppb w.wt		<<0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J63 Sør fjorden, Tissue: Liver

Locality : 56D , Latitude: 60°13.40N Longitude: 6°36.10E

Sampling date (YYMMDD) =>		000410
Sample Param (w,d,l):	No.Fo.Ri	Mean
H	no in sample	4.00
	Count Max	1.00
	Count Min	1.00
	Fat %	77.00
	Lenght.max mm	790.00
	Lenght.mean mm	755.00
	Lenght.min mm	720.00
	No of individ.in sub-sample	4.00
	Tissue weight g	184.70
	Weight g	1121.60
	CD ppm w.wt +.....	0.10
	CU ppm w.wt	2.08
	HG ppm w.wt	1.850
	PB ppm w.wt +.....	0.04
	ZN ppb w.wt	<<5524.7
	ZN ppm w.wt	4.0
	CB28 ppb w.wt	<<3.0
	CB52 ppb w.wt	<<3.0
	CB101 ppb w.wt	3.8
	CB105 ppb w.wt	4.9
	CB118 ppb w.wt	90.0
	CB138 ppb w.wt	410.0
	CB153 ppb w.wt	580.0
	CB156 ppb w.wt	25.0
	CB180 ppb w.wt	240.0
	CB209 ppb w.wt	<<3.0
	CB Σ7 ppb w.wt +.....	<<1327n
	CB ΣΣ ppb w.wt	<<1357
	DDEPP ppb w.wt +.....	5300.0n
	TDEPP ppb w.wt	220.0
	DD Σ4 ppb w.wt	5520.0
	HCHA ppb w.wt	<<2.0
	HCHG ppb w.wt	2.7
	HC Σ2 ppb w.wt	<<4.7
	HCB ppb w.wt	12.0
	QCB ppb w.wt	s3.0
	OCS ppb w.wt	3.9

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J63 Sør fjorden, Tissue: Fillet

Locality : 56D , Latitude: 60°13.40N Longitude: 6°36.10E

Sampling date (YYMMDD) =>		000410
Sample Param (w,d,l):	No.Fo.Ri	Mean
no in sample		4.00
H Count Max		1.00
Count Min		1.00
Fat %		0.57
Lenght.max mm		790.00
Lenght.mean mm		755.00
Lenght.min mm		720.00
No of individ.in sub-sample		4.00
Tissue weight g		50.17
Weight g		1121.60
HG ppm w.wt ?.....		1.040n
ZN ppb w.wt		<<23.3
CB28 ppb w.wt		<<0.1
CB52 ppb w.wt		<<0.1
CB101 ppb w.wt		0.1
CB105 ppb w.wt		<<0.1
CB118 ppb w.wt		0.4
CB138 ppb w.wt		1.4
CB153 ppb w.wt		1.9
CB156 ppb w.wt		0.1
CB180 ppb w.wt		0.8
CB209 ppb w.wt		<<0.1
CB Σ7 ppb w.wt		<<5
CB ΣΣ ppb w.wt		<<5
DDEPP ppb w.wt		23.0
TDEPP ppb w.wt		0.3
DD Σ4 ppb w.wt		23.3
HCHA ppb w.wt		<<0.0
HCHG ppb w.wt		<<0.0
HC Σ2 ppb w.wt		<<0.0
HCB ppb w.wt		0.1
QCB ppb w.wt		<<0.0
OCS ppb w.wt		0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>	000400	011215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	3.00	10.00	7.67
B Count Max		2.00	
Count Min		1.00	
Dry %		81.85	81.85
Fat %		76.50	76.50
Lenght.max mm		897.50	897.50
Lenght.mean mm		817.50	817.50
Lenght.min mm		737.50	737.50
No of individ.in sub-sample		5.00	5.00
Tissue weight g		251.23	251.23
Weight g		1268.12	1268.12
CD ppm w.wt +.....		0.03	0.03
CU ppm w.wt		1.13	1.13
PB ppm w.wt +.....		<<0.03	<<0.03
ZN ppb w.wt		<<93.5	<<93.5
ZN ppm w.wt		2.8	2.8
CB28 ppb w.wt		<<5.0	<<5.0
CB52 ppb w.wt		<<5.0	<<5.0
CB101 ppb w.wt		<<5.0	<<5.0
CB105 ppb w.wt		<<5.0	<<5.0
CB118 ppb w.wt		<<12.5	<<12.5
CB138 ppb w.wt		<<32.0	<<32.0
CB153 ppb w.wt		<<47.0	<<47.0
CB156 ppb w.wt		<<5.0	<<5.0
CB180 ppb w.wt		<<16.0	<<16.0
CB209 ppb w.wt		<<5.0	<<5.0
CB Σ7 ppb w.wt +.....		<<103	<<103
CB ΣΣ ppb w.wt		<<103	<<103
DDEPP ppb w.wt +.....		<<87.5	<<87.5
DDTPP ppb w.wt		<<8.5	<<8.5
TDEPP ppb w.wt		<<7.5	<<7.5
DD Σ4 ppb w.wt		<<93.5	<<93.5
HCHA ppb w.wt		<<5.0	<<5.0
HCHG ppb w.wt		<<5.0	<<5.0
HC Σ2 ppb w.wt		<<5.0	<<5.0
HCB ppb w.wt		<<5.2	<<5.2
QCB ppb w.wt		<<2.5	<<2.5
OCS ppb w.wt		<<2.5	<<2.5
H Count Max	1.00		
Count Min	1.00		
Fat %	77.00		77.00
Lenght.max mm	850.00		850.00
Lenght.mean mm	773.00		773.00
Lenght.min mm	680.00		680.00
No of individ.in sub-sample	3.00		3.00
Tissue weight g	184.33		184.33
Weight g	1119.30		1119.30

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J99 Undefined, Tissue: Liver

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>				000400	011215	Mean
Sample	Param	(w,d,l):	No.Fo.Ri	Mean	Mean	Mean
CD	ppm	w.wt	+.....	0.05		0.05
CU	ppm	w.wt	.....	1.81		1.81
PB	ppm	w.wt	+.....	<<0.03		<<0.03
ZN	ppb	w.wt	.....	258.3		258.3
ZN	ppm	w.wt	.....	3.5		3.5
CB28	ppb	w.wt	.....	<<3.0		<<3.0
CB52	ppb	w.wt	.....	<<3.0		<<3.0
CB101	ppb	w.wt	.....	3.4		3.4
CB105	ppb	w.wt	.....	4.8		4.8
CB118	ppb	w.wt	.....	23.0		23.0
CB138	ppb	w.wt	.....	87.0		87.0
CB153	ppb	w.wt	.....	110.0		110.0
CB156	ppb	w.wt	.....	4.6		4.6
CB180	ppb	w.wt	.....	31.0		31.0
CB209	ppb	w.wt	.....	<<3.0		<<3.0
CB Σ7	ppb	w.wt	+.....	<<257		<<257
CB ΣΣ	ppb	w.wt	.....	<<267		<<267
DDEPP	ppb	w.wt	+.....	210.0n		210.0n
TDEPP	ppb	w.wt	.....	42.0		42.0
DD Σ4	ppb	w.wt	.....	252.0		252.0
HCHA	ppb	w.wt	.....	2.6		2.6
HCHG	ppb	w.wt	.....	3.7		3.7
HC Σ2	ppb	w.wt	.....	6.3		6.3
HCB	ppb	w.wt	.....	8.1		8.1
QCB	ppb	w.wt	.....	<<1.0		<<1.0
OCS	ppb	w.wt	.....	<<1.0		<<1.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>	000400	011215	Mean
Sample Param (w,d,l): No.Fo.Ri	Mean	Mean	Mean
no in sample	3.00	10.00	7.67
B Count Max		2.00	
Count Min		2.00	
Dry %		17.60	17.60
Fat %		0.49	0.49
Lenght.max mm		897.50	897.50
Lenght.mean mm		817.50	817.50
Lenght.min mm		737.50	737.50
No of individ.in sub-sample		5.00	5.00
Tissue weight g		21.19	21.19
Weight g		1268.12	1268.12
HG ppm w.wt ?.....		0.282n	0.282n
CB28 ppb w.wt		<<0.1	<<0.1
CB52 ppb w.wt		<<0.1	<<0.1
CB101 ppb w.wt		<<0.1	<<0.1
CB105 ppb w.wt		<<0.1	<<0.1
CB118 ppb w.wt		<<0.1	<<0.1
CB138 ppb w.wt		0.1	0.1
CB153 ppb w.wt		0.2	0.2
CB156 ppb w.wt		<<0.1	<<0.1
CB180 ppb w.wt		<<0.1	<<0.1
CB209 ppb w.wt		<<0.1	<<0.1
CB Σ7 ppb w.wt		<<0	<<0
CB ΣΣ ppb w.wt		<<0	<<0
DDEPP ppb w.wt		0.3	0.3
TDEPP ppb w.wt		<<0.4	<<0.3
DD Σ4 ppb w.wt		<<0.4	<<0.4
HCHA ppb w.wt		<<0.1	<<0.1
HCHG ppb w.wt		<<0.1	<<0.1
HC Σ2 ppb w.wt		<<0.1	<<0.1
HCB ppb w.wt		0.0	0.0
QCB ppb w.wt		<<0.0	<<0.0
OCS ppb w.wt		<<0.0	<<0.0
H Count Max	1.00		
Count Min	1.00		
Fat %	0.59		0.59
Lenght.max mm	850.00		850.00
Lenght.mean mm	773.00		773.00
Lenght.min mm	680.00		680.00
No of individ.in sub-sample	3.00		3.00
Tissue weight g	20.53		20.53
Weight g	1119.30		1119.30
HG ppm w.wt ?.....	0.331n		0.331n
ZN ppb w.wt	<<0.5		<0.5
CB28 ppb w.wt	<<0.1		<<0.1
CB52 ppb w.wt	<<0.1		<<0.1
CB101 ppb w.wt	0.1		0.1

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : CHIM MON, Chimaera Monstrosa, GB: Rabbit fish N: Havmus

Sampl.area : J99 Undefined, Tissue: Fillet

Locality : 21D Åkrafjord, Latitude: 60°0.0N Longitude: 4°0.0E

Sampling date (YYMMDD) =>			000400	011215	Mean
Sample	Param	(w,d,l): No.Fo.Ri	Mean	Mean	Mean
CB105	ppb	w.wt	<<0.1		<<0.1
CB118	ppb	w.wt	0.1		0.1
CB138	ppb	w.wt	0.2		0.2
CB153	ppb	w.wt	0.2		0.2
CB156	ppb	w.wt	<<0.1		<<0.1
CB180	ppb	w.wt	0.1		0.1
CB209	ppb	w.wt	<<0.1		<<0.1
CB Σ7	ppb	w.wt	<<1		<<1
CB ΣΣ	ppb	w.wt	<<1		<<1
DDEPP	ppb	w.wt	0.5		0.5
TDEPP	ppb	w.wt	<<0.1		<<0.1
DD Σ4	ppb	w.wt	<<0.5		<<0.5
HCHA	ppb	w.wt	<<0.0		<<0.0
HCHG	ppb	w.wt	<<0.0		<<0.0
HC Σ2	ppb	w.wt	<<0.0		<<0.0
HCB	ppb	w.wt	0.0		0.0
QCB	ppb	w.wt	<<0.0		<<0.0
OCS	ppb	w.wt	<<0.0		<<0.0

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : POLL VIR, *Pollachius virens*, GB: Saithe N: Sei
Sampl.area : J65 Orkdalsfjorden, Tissue: Liver
Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		881117
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		3.00
H Age year		2.00
Count Max		1.00
Count Min		1.00
Dry %		80.60
Fat %		64.30
Lenght.max mm		480.00
Lenght.mean mm		465.00
Lenght.min mm		450.00
No of individ.in sub-sample		3.00
Weight g		1079.00
CD ppm w.wt		0.02
CU ppm w.wt		7.04
PB ppm w.wt		0.10
ZN ppm w.wt		21.5
PCB ppb w.wt		510
DDEPP ppb w.wt		70.0
DDTFPP ppb w.wt		<<40.0
DD Σ4 ppb w.wt		<<110.0
HCHG ppb w.wt		<<40.0
HC Σ2 ppb w.wt		<<40.0
HCB ppb w.wt		<<40.0
EPOCL ppb w.wt		1480

Species : POLL VIR, *Pollachius virens*, GB: Saithe N: Sei
Sampl.area : J65 Orkdalsfjorden, Tissue: Fillet
Locality : 84B Trossavika, Latitude: 63°20.80N Longitude: 9°57.80E

Sampling date (YYMMDD) =>		881117
SampleParam (w,d,l):	No.Fo.Ri	Mean
no in sample		3.00
H Age year		2.00
Count Max		1.00
Count Min		1.00
Dry %		23.00
Fat %		0.20
Lenght.max mm		480.00
Lenght.mean mm		465.00
Lenght.min mm		450.00
No of individ.in sub-sample		3.00
Weight g		1079.00
HG ppm w.wt		0.005
PCB ppb w.wt		<<20

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : SALM TRU, *Salmo trutta*, GB: Sea trout N: Sjørørett
 Sampl.area : J63 Sørfjorden, Tissue: Liver
 Locality : 53B Inner Sørfjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>		901001
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	10.00
	Age year	5.11
	Count Max	10.00
	Count Min	10.00
	Dry %	32.60
	Lenght.mean mm	348.00
	No of individ.in sub-sample	1.00
	Tissue weight g	6.43
	Weight g	516.40
	CD ppm w.wt ?..+....	0.42n
	CU ppm w.wt ?.....	70.36n
	PB ppm w.wt ?..+....	0.20
	ZN ppm w.wt ?.....	68.4
B	Age year	5.50
	Count Max	2.00
	Count Min	2.00
	Dry %	32.55
	Fat %	6.20
	Lenght.max mm	380.00
	Lenght.mean mm	348.00
	Lenght.min mm	330.00
	No of individ.in sub-sample	5.00
	Tissue weight g	6.43
	Weight g	516.50
	Weight ppb w.wt	<<32.50
	ZN ppb w.wt ?.....	<<32.5
	CB28 ppb w.wt ...+....	<<1.0
	CB52 ppb w.wt ...+....	<<1.0
	CB101 ppb w.wt ...+....	1.5
	CB118 ppb w.wt ...+....	1.5
	CB138 ppb w.wt ...+....	13.5
	CB153 ppb w.wt ...+....	2.5
	CB180 ppb w.wt ...+....	1.5
	CB209 ppb w.wt	<<1.0
	CB Σ7 ppb w.wt ...+....	<<22
	CB ΣΣ ppb w.wt ...+....	<<23
	DDEPP ppb w.wt ...+....	30.0
	DD Σ4 ppb w.wt ...+....	30.0
	HCHA ppb w.wt ...+....	1.5
	HCHG ppb w.wt ...+....	<<1.0
	HC Σ2 ppb w.wt ...+....	<<2.5
	HCB ppb w.wt ...+....	<<1.0
	QCB ppb w.wt	<<1.5
	OCS ppb w.wt	<<1.0
	EPOCL ppb w.wt	1610

JAMP summary statistics for shellfish and fish 1981-2001 - Norway

Species : SALM TRU, *Salmo trutta*, GB: Sea trout N: Sjørørett
 Sampl.area : J63 Sørfjorden, Tissue: Fillet
 Locality : 53B Inner Sørfjord, Latitude: 60°10.0N Longitude: 6°34.0E

Sampling date (YYMMDD) =>		901001
SampleParam (w,d,l):	No.Fo.Ri	Mean
I	no in sample	10.00
	Age year	5.11
	Count Max	10.00
	Count Min	10.00
	Dry %	26.71
	Lenght.mean mm	348.00
	No of individ.in sub-sample	1.00
	Weight g	516.40
	HG ppm w.wt ?..+..+	0.100
B	Age year	5.50
	Count Max	2.00
	Count Min	2.00
	Dry %	26.70
	Fat %	6.80
	Lenght.max mm	380.00
	Lenght.mean mm	348.00
	Lenght.min mm	330.00
	No of individ.in sub-sample	5.00
	Weight g	516.50
	HG ppb w.wt ?..+..+	40.395
	ZN ppb w.wt	40.4
	CB28 ppb w.wt ...+....	0.3
	CB52 ppb w.wt ...+....	0.4
	CB101 ppb w.wt ...+....	1.4
	CB118 ppb w.wt ...+....	1.2
	CB138 ppb w.wt ...+....	3.2
	CB153 ppb w.wt ...+....	3.3
	CB180 ppb w.wt ...+....	1.5
	CB209 ppb w.wt	0.3
	CB Σ7 ppb w.wt ?..+....	11
	CB ΣΣ ppb w.wt ?..+....	11
	DDEPP ppb w.wt ?..+....	37.3n
	DD Σ4 ppb w.wt ?..+....	37.3n
	HCHA ppb w.wt ?..+....	1.9
	HCHG ppb w.wt ?..+....	1.2
	HC Σ2 ppb w.wt ?..+....	3.1
	HCB ppb w.wt ?..+....	0.9
	QCB ppb w.wt	0.2
	OCS ppb w.wt	<<0.1