

Percentage contribution (%) of phytoplankton groups to the total number of species and total density in nine Water Control Zones (WCZs) of Hong Kong (1991 – 2005)			91	92	93	94	95	96	97	98	99	00	01	02	03	04	05
Mirs Bay	Species	Diatoms	54	48	38	47	48	52	45	43	49	51	52	51	57	51	54
		Dinoflagellates	28	37	47	40	36	37	42	45	38	38	32	34	30	32	29
		Others	19	15	15	13	16	11	13	12	13	11	16	15	13	17	17
	Density	Diatoms	88	65	28	41	45	61	53	54	26	39	59	34	56	58	50
		Dinoflagellates	3	3	11	5	7	9	3	3	4	5	4	3	4	5	4
		Others	9	32	61	54	48	30	44	43	70	56	37	63	40	37	46
Tolo Harbour	Species	Diatoms	41	47	49	45	42	39	45	47	50	50	45	48	54	50	52
		Dinoflagellates	45	39	39	41	46	48	42	37	36	39	35	36	30	34	33
		Others	14	14	12	14	12	13	13	16	14	11	20	16	16	16	15
	Density	Diatoms	96	92	57	67	59	57	55	44	49	70	71	72	67	48	58
		Dinoflagellates	1	1	27	10	11	31	8	21	4	4	9	4	4	9	2
		Others	3	7	16	23	30	12	37	35	47	26	20	24	29	43	40
Port Shelter	Species	Diatoms	52	58	36	49	48	46	44	44	52	58	54	47	53	48	59
		Dinoflagellates	32	28	51	34	40	44	41	43	36	29	28	36	31	37	30
		Others	16	14	13	17	12	10	15	13	12	13	18	17	16	15	11
	Density	Diatoms	91	85	20	54	88	29	41	44	43	53	59	23	49	44	48
		Dinoflagellates	2	2	4	7	2	5	3	6	4	5	2	6	4	12	3
		Others	7	13	76	39	10	66	56	50	53	42	39	71	47	44	49
Eastern Buffer	Species	Diatoms					59	64	61	57	61	60	52	53	61	55	50
		Dinoflagellates					29	23	25	33	29	26	28	31	26	31	35
		Others					12	13	14	10	10	14	20	16	13	14	15
	Density	Diatoms					75	74	39	56	59	30	60	39	63	35	42
		Dinoflagellates					2	1	2	5	4	3	2	5	2	8	5
		Others					23	25	59	39	37	67	38	56	35	57	53
Victoria Harbour	Species	Diatoms	63	42	61	54	51	61	51	58	57	71	57	60	66	60	62
		Dinoflagellates	21	40	31	33	36	29	37	35	29	20	27	30	23	25	27
		Others	16	18	8	13	13	10	12	7	14	9	16	10	11	15	11
	Density	Diatoms	98	46	28	60	92	43	30	71	32	84	78	76	56	62	39
		Dinoflagellates	0	4	2	2	1	3	4	2	3	1	1	1	2	6	3
		Others	2	50	70	38	7	54	66	27	65	15	21	23	42	32	58
Southern	Species	Diatoms	54	48	58	56	59	69	59	59	56	56	55	62	62	59	57
		Dinoflagellates	28	37	25	29	28	18	30	30	31	33	28	27	25	28	30
		Others	18	15	17	15	13	13	11	11	13	11	17	11	13	13	13
	Density	Diatoms	92	44	79	61	97	69	50	53	76	82	72	76	70	66	58
		Dinoflagellates	2	25	1	3	1	1	3	5	2	1	2	2	2	3	3
		Others	6	31	20	36	2	30	47	42	22	17	26	22	28	31	39
Western Buffer	Species	Diatoms					57	60	57	62	59	61	58	62	63	65	63
		Dinoflagellates					31	27	27	28	30	29	23	27	27	22	27
		Others					12	13	16	10	11	10	19	11	10	13	10
	Density	Diatoms					56	48	59	70	59	25	48	68	50	71	35
		Dinoflagellates					2	1	2	2	2	3	3	3	3	2	4
		Others					42	51	39	28	39	72	49	29	47	27	61
North Western	Species	Diatoms			55	57	60	67	56	47	57	60	51	63	55	61	60
		Dinoflagellates			19	24	29	18	25	38	28	28	29	24	25	25	25
		Others			26	19	11	15	19	15	15	12	20	13	20	14	15
	Density	Diatoms			49	14	43	57	23	45	55	15	24	60	51	43	50
		Dinoflagellates			1	1	2	2	3	5	2	5	7	2	5	3	3
		Others			50	85	55	41	74	50	43	80	69	38	44	54	47
Deep Bay	Species	Diatoms	86	64	65	59	57	69	58	51	57	63	48	58	63	53	51
		Dinoflagellates	0	22	16	25	32	16	23	29	30	20	29	30	23	32	32
		Others	14	14	19	16	11	15	19	20	14	17	23	12	14	15	17
	Density	Diatoms	93	12	83	5	34	71	20	36	24	16	23	29	39	31	38
		Dinoflagellates	0	3	0	1	2	1	2	4	4	4	5	4	4	6	2
		Others	7	85	17	94	64	28	78	60	72	80	72	67	57	63	60