

INDEX
des données publiées en 1963

INDEX
of Data published in 1963

Notifications concernant les maladies quaranténaires — Notifications relating to Quarantinable Diseases

Pages	Pages	Pages	Pages
<p>Peste — Plague</p> <p>AFRIQUE — AFRICA</p> <p>Congo (Léopoldville) 13, 81, 153, 181, 201, 249, 313, 373, 385, 465, 513, 529, 553, 577, 589</p> <p>Kenya 81, 129</p> <p>Madagascar 1, 25, 201, 237, 269, 285, 385, 397, 597, 605, 625, 637</p> <p>Rhodésie et Nyassaland — Rhodesia and Nyasaland 105, 117, 129, 181, 217</p> <p>Sud-ouest africain — South West Africa 13, 81, 117, 313, 385, 553</p> <p>AMÉRIQUE — AMERICA</p> <p>Bolivie — Bolivia 285, 353</p> <p>Brésil — Brazil . . . 169, 521, 529</p> <p>Equateur — Ecuador 1, 13, 37, 69, 105, 129, 153, 269, 329, 361, 373, 385, 433, 453, 477, 489, 521, 577, 605, 625</p> <p>Etats-Unis d'Amérique 129, 169, 261, 637</p> <p>Pérou — Peru 13, 93, 105, 181, 189, 201, 397, 521, 637</p> <p>United States of America 129, 169, 261, 637</p> <p>ASIE — ASIA</p> <p>Birmanie — Burma 105, 141, 153</p> <p>Inde — India 1, 13, 25, 37, 57, 69, 81, 105, 129, 141, 153, 189, 217, 237, 249, 269, 313, 361, 385, 397, 453, 465, 477, 529, 553, 589, 605, 625</p> <p>Iran 397, 409, 605</p> <p>Viet-Nam, Rep. 1, 14, 25, 57, 69, 93, 105, 117, 129, 141, 153, 169, 189, 201, 217, 237, 249, 261, 269, 285, 297, 329, 341, 353, 361, 385, 397, 409, 433, 453, 465, 477, 489, 501, 513, 625</p>	<p>Choléra — Cholera</p> <p>A bord de navires 501, 513, 541, 553</p> <p>On board ship 501, 513, 541, 553</p> <p>ASIE — ASIA</p> <p>Birmanie — Burma 261, 269, 285, 297, 313, 329, 341, 353, 361, 373, 385, 397, 409, 421, 433, 465, 477, 489, 513, 521, 529, 541, 553, 565, 577, 589, 597, 605, 625</p> <p>Cambodge — Cambodia 625, 637</p> <p>Corée, Rép. du 489, 501, 513, 541, 553</p> <p>Hong Kong 341, 353, 361, 373, 385, 397, 409, 453, 465, 477, 489, 513, 521, 529, 541, 553, 565, 577, 589, 597, 605, 637</p> <p>Inde — India 1, 14, 25, 37, 57, 69, 81, 93, 105, 117, 129, 141, 153, 169, 181, 189, 201, 217, 237, 249, 261, 269, 285, 297, 313, 329, 341, 353, 361, 373, 385, 397, 409, 421, 433, 453, 465, 477, 489, 501, 513, 521, 529, 541, 553, 565, 577, 589, 597, 605, 625, 637</p> <p>Indonésie — Indonesia . . 606, 626</p> <p>Japon — Japan 249, 489, 565, 589, 606</p> <p>Korea, Rep. of 489, 501, 513, 541, 553</p> <p>Macao 341, 373, 386, 397, 409, 421, 489, 501, 513, 522, 530, 565, 577, 637</p> <p>Malaisie¹ — Malaya¹ 249, 270, 329, 409</p> <p>Malaisie — Malaysia</p> <p>Malaya² 565, 589, 597, 606, 626</p> <p>Sarawak³ 489, 501, 513, 522, 530, 541, 554, 589, 597, 606, 626</p> <p>Singapore³ 565, 577, 589, 597, 606, 626</p> <p>¹ Voir aussi sous Malaisie (Malaysia)/See also under Malaysia.</p> <p>² Voir aussi sous Malaisie (Malaya), Sarawak et Singapour/See also under Malaya, Sarawak and Singapore.</p>	<p>Pakistan 2, 14, 26, 38, 57, 69, 81, 93, 106, 117, 130, 141, 153, 169, 181, 189, 201, 217, 237, 250, 261, 270, 285, 297, 313, 329, 341, 353, 361, 373, 386, 398, 409, 421, 434, 453, 466, 489, 501, 513, 522, 530, 541, 554, 566, 577, 590, 597, 606, 626, 637</p> <p>Philippines 2, 14, 26, 38, 57, 69, 93, 106, 117, 130, 141, 153, 169, 181, 201, 217, 237, 250, 270, 285, 313, 329, 341, 353, 361, 373, 386, 398, 409, 434, 466, 478, 489, 501, 513, 522, 530, 541, 554, 566, 577, 597, 606, 626</p> <p>Sarawak¹ 2, 14, 38, 57, 69, 361, 386, 398, 409, 421, 453, 466</p> <p>Singapour¹ — Singapore¹ . . . 261</p> <p>Thaïlande — Thailand 373, 386, 398, 409, 421, 434, 453, 466, 489, 502, 513, 522, 530, 541, 554, 566, 577, 597, 626</p> <p>Océanie — OCEANIA</p> <p>Nouvelle-Guinée Occidentale 2, 14, 26, 38, 57, 69, 81, 106, 117, 130, 154</p> <p>West New Guinea 2, 14, 26, 38, 57, 69, 81, 106, 117, 130, 154</p> <p>Fièvre jaune — Yellow Fever</p> <p>AFRIQUE — AFRICA</p> <p>Angola 634</p> <p>Congo (Léopoldville) 634</p> <p>Ethiopie — Ethiopia 634</p> <p>Gambie — Gambia 154</p> <p>Ghana 502, 626</p> <p>Nigéria — Nigeria 634</p> <p>Sierra Leone 634</p> <p>Soudan — Sudan 634</p> <p>¹ Voir aussi sous Malaisie (Malaysia)/See also under Malaysia.</p>	<p>AMÉRIQUE — AMERICA</p> <p>Bolivie — Bolivia . . . 201, 217, 313</p> <p>Brésil — Brazil 634</p> <p>Colombie — Colombia 57, 117, 130, 169, 398, 434, 466, 522, 554, 566</p> <p>Pérou — Peru 201, 237, 250, 261, 297, 313, 330, 341, 386, 398, 434, 502, 530</p> <p>Variolo — Smallpox</p> <p>A bord de navires 169</p> <p>On board ship 169</p> <p>AFRIQUE — AFRICA</p> <p>Afrique du Sud 15, 117, 130, 181, 353, 361, 386, 398, 422, 453, 466, 490, 502, 530, 554, 590</p> <p>Angola 15, 38, 93, 106, 130, 250, 285, 330, 422, 490, 554</p> <p>Basutoland 542</p> <p>Burundi 201, 398, 434, 490</p> <p>Cameroun — Cameroon 2, 15, 38, 69, 81, 106, 117, 130, 141, 154, 189, 201, 217, 250, 270, 285, 342, 353, 362, 478, 514, 626</p> <p>Centrafricaine, Rép. — Central African Rep. 554</p> <p>Chad 70, 118, 131, 387, 454</p> <p>Congo (Brazzaville) 2, 15, 26, 38, 58, 70, 81, 93, 106, 117, 130, 141, 154, 169, 181, 189, 218, 237, 250, 261, 270, 297, 314, 330, 342, 353, 374, 386, 398, 422, 434, 466, 478, 490, 514, 522, 542, 554, 566, 577, 590, 597, 627, 637</p> <p>Congo (Léopoldville) 15, 26, 38, 58, 70, 82, 106, 117, 130, 141, 154, 169, 181, 202, 250, 261, 270, 285, 298, 314, 330, 362, 374, 386, 422, 434, 466, 478, 490, 502, 522, 578, 597, 606, 627, 637</p> <p>Côte d'Ivoire 2, 15, 38, 58, 82, 93, 106, 117, 130, 169, 181, 190, 202, 238, 250, 270, 285, 298, 314, 330, 353, 362, 386, 398, 422, 453, 466, 514, 542, 554, 578, 606, 627</p> <p>Dahomey 15, 26, 38, 58, 70, 82, 93, 117, 142, 154, 170, 202, 218, 238, 250, 261, 286, 342, 353, 374, 386, 434, 453, 466, 490, 502, 514, 522, 530, 566, 606, 627</p>

Pages	Pages	Pages	Pages
Variole (suite) — Smallpox (contd)	Rwanda 58	Indonésie — Indonesia 4, 17, 28, 40, 60, 72, 84, 94, 118, 144, 156, 203, 240, 252, 273, 316, 332, 344, 354, 375, 389, 400, 424, 455, 480, 514, 543, 591, 629	United Arab Republic 4, 17, 60, 95, 109, 133, 144, 156, 193, 203, 240, 273, 287, 304, 316, 332, 354, 375, 390, 411, 424, 437, 456, 491, 598, 629
Ethiopie — Ethiopia 15, 26, 38, 58, 70, 82, 93, 117, 154, 181, 190, 202, 238, 261, 270, 286, 314, 330, 342, 353, 362, 374, 386, 398, 409, 422, 434, 466, 490, 514, 530, 542, 590, 627	Sénégal — Senegal 70, 94, 131, 170, 238, 250, 286, 314, 342, 362, 514	Iran 410, 436, 629	Zanzibar 240
Gabon 330, 386, 453, 466, 478, 490, 502, 514, 522, 530, 554, 566, 578, 590, 606	Sierra Leone 107, 170, 238, 330, 454, 478, 542, 566	Népal — Nepal 262, 273, 286, 304, 316, 332, 344, 363, 375, 390, 400, 410, 436, 468, 491, 503, 524, 532, 556, 568, 629	AMÉRIQUE — AMERICA
Gambie — Gambia 82, 170, 218, 261, 314, 342, 362, 386, 422, 490, 542, 554, 627	Soudan — Sudan 2, 26, 58, 82, 94, 118, 182, 531	Oman sous régime de traité 491, 503	Bolivie — Bolivia 144, 400, 629
Ghana 70, 218, 238, 270, 286, 298, 314, 374, 454, 514, 607	South Africa 15, 117, 130, 181, 353, 361, 386, 398, 422, 453, 466, 490, 502, 530, 554, 590	Pakistan 4, 17, 28, 40, 60, 72, 84, 95, 109, 118, 132, 144, 156, 171, 182, 192, 203, 220, 240, 252, 262, 273, 286, 304, 316, 332, 344, 354, 363, 375, 390, 400, 410, 424, 436, 455, 468, 480, 491, 503, 514, 524, 532, 543, 556, 568, 578, 591, 598, 608, 629, 638	Chili — Chile 17, 524, 638
Guinée — Guinea 15, 38, 70, 93, 106, 117, 154, 202, 238, 342, 353, 374, 387, 522, 578	Swaziland 238, 250, 262, 286, 298, 314, 331, 342, 362, 374, 387, 398, 422, 454, 478, 490, 514, 522, 531, 542, 567, 590, 607, 627	Trucial Oman 491, 503	Colombie — Colombia 533
Haute-Volta 15, 38, 58, 70, 82, 93, 106, 118, 130, 142, 170, 181, 190, 202, 218, 238, 250, 270, 286, 330, 387, 434, 514, 542, 607	Tanganyika 16, 39, 70, 94, 118, 131, 142, 154, 182, 190, 218, 238, 250, 262, 286, 298, 314, 331, 342, 362, 374, 387, 398, 410, 422, 435, 454, 467, 478, 490, 503, 514, 523, 542, 555, 567, 578, 598, 607	Yemen 28, 41	Equateur — Ecuador 4, 28, 41, 109, 133, 144, 157, 273, 333, 364, 375, 390, 437, 480, 491, 524, 578, 608, 629, 638
Ivory Coast 2, 15, 38, 58, 82, 93, 106, 117, 130, 169, 181, 190, 202, 238, 250, 270, 285, 298, 314, 330, 353, 362, 386, 398, 422, 453, 466, 514, 542, 554, 578, 606, 627	Tchad 70, 118, 131, 387, 454	EUROPE	Mexique — Mexico 72, 95, 119, 157, 220, 274, 333, 375, 456, 503
Kenya 15, 26, 58, 70, 82, 93, 106, 118, 130, 142, 154, 170, 181, 190, 202, 238, 250, 261, 270, 286, 298, 314, 330, 342, 353, 362, 374, 387, 409, 422, 434, 454, 466, 478, 490, 502, 514, 530, 542, 566, 578, 590, 597, 607, 627	Togo 16, 26, 58, 107, 142, 154, 170, 202, 238, 262, 270, 298, 331, 342, 374, 387, 454, 467, 478, 567, 627	Allemagne orientale 468, 480	Pérou — Peru 390, 469
Libéria — Liberia 118, 170, 218, 250, 387, 542, 566	Uganda 15, 26, 58, 70, 94, 107, 118, 131, 142, 154, 170, 181, 190, 202, 218, 238, 250, 262, 286, 314, 330, 342, 354, 362, 374, 387, 398, 422, 435, 454, 467, 490, 502, 514, 531, 542, 555, 566, 578, 598, 627, 637	Eastern Germany 468, 480	ASIE — ASIA
Mali 2, 15, 38, 58, 70, 94, 106, 130, 142, 154, 170, 190, 202, 218, 238, 261, 286, 298, 314, 330, 342, 362, 374, 357, 398, 422, 454, 467, 514, 542, 578, 597, 607, 637	Upper Volta 15, 38, 58, 70, 82, 93, 106, 118, 130, 142, 170, 181, 190, 202, 218, 238, 250, 270, 286, 330, 387, 434, 514, 542, 607	Hongrie — Hungary 455, 491	Afghanistan 60, 84, 171, 193, 274, 287
Mozambique 2, 58, 70, 181, 298, 314, 330, 354, 362, 409, 422, 478, 490, 522, 530, 578, 590	AMÉRIQUE — AMERICA	Norvège — Norway 273, 304	Arabie saoudite 390
Niger 2, 15, 26, 39, 58, 70, 94, 106, 130, 142, 170, 181, 202, 218, 238, 250, 270, 286, 298, 314, 330, 342, 362, 387, 398, 410, 467, 490, 502, 514, 522, 530, 607	Brésil — Brazil 2, 16, 27, 39, 58, 70, 82, 94, 118, 131, 142, 154, 170, 190, 238, 251, 262, 270, 286, 298, 314, 342, 354, 387, 399, 454, 523, 531, 542, 567, 590, 598	Pologne — Poland 364, 390, 400, 410, 424, 455, 480, 491	Corée 72, 543
Nigéria — Nigeria 2, 15, 26, 39, 58, 70, 82, 94, 106, 118, 130, 142, 154, 170, 181, 190, 202, 218, 238, 250, 270, 298, 330, 354, 362, 387, 398, 422, 435, 454, 478, 490, 502, 530, 542, 554, 566, 578, 590, 598, 607, 627	Colombie — Colombia 2, 107, 531	Royaume-Uni 203, 220	Inde — India 41
Ouganda 15, 26, 58, 70, 94, 107, 118, 131, 142, 154, 170, 181, 190, 202, 218, 238, 250, 262, 286, 314, 330, 342, 354, 362, 374, 387, 398, 422, 435, 454, 467, 490, 502, 514, 531, 542, 555, 566, 578, 598, 627, 637	Equateur — Ecuador 16, 107, 271, 331, 362, 435, 478, 523	Suède — Sweden 253, 262, 273, 287, 304, 316, 332, 364, 400	Iran 568
Rhodésie et Nyassaland — Rhodesia and Nyassaland 2, 16, 26, 39, 58, 70, 82, 94, 107, 118, 131, 142, 154, 170, 182, 190, 202, 218, 238, 250, 262, 270, 286, 298, 314, 330, 342, 354, 362, 374, 387, 398, 410, 422, 435, 454, 467, 478, 490, 502, 514, 531, 542, 555, 566, 578, 598, 627, 638	Etats-Unis d'Amérique 59, 70	Suisse — Switzerland 455	Korea 72, 543
	United States of America 59, 70	United Kingdom 203, 220	Saudi Arabia 390
	Uruguay 3, 59	Typhus à poux	Turquie — Turkey 355
	ASIE — ASIA	Louse-borne Typhus Fever	Yemen 515, 524
	Afghanistan 3, 16, 27, 39, 59, 71, 82, 94, 107, 118, 131, 142, 155, 170, 182, 190, 202, 218, 262, 271, 286, 298, 314, 331, 342, 362, 387, 410, 454, 467, 478, 503, 514, 531, 555, 567, 578, 590, 598, 627	AFRIQUE — AFRICA	EUROPE
	Birmanie — Burma 107, 118, 202, 410, 479	Afrique du Sud 4, 84, 203, 262, 354, 375, 390, 424, 456, 503, 515, 556, 578, 591, 608	Bulgarie — Bulgaria 41
	Ceylan — Ceylon 39, 107	Basutoland 629	Royaume-Uni 375
	Inde — India 3, 16, 27, 39, 59, 71, 82, 94, 107, 118, 131, 142, 155, 171, 182, 190, 203, 218, 239, 251, 262, 271, 286, 298, 314, 331, 342, 354, 362, 374, 387, 399, 410, 423, 435, 454, 467, 479, 491, 503, 514, 523, 531, 542, 555, 567, 578, 590, 598, 607, 628, 638	Burundi 608	United Kingdom 375
		Ethiopie — Ethiopia 17, 28, 41, 60, 72, 84, 95, 119, 156, 182, 193, 203, 240, 253, 262, 273, 287, 316, 332, 344, 354, 364, 375, 390, 400, 411, 424, 437, 469, 491, 515, 533, 543, 556, 578, 591, 598, 629, 638	Yougoslavie — Yugoslavia 4, 60, 95, 133, 144, 171, 220, 262, 274, 304, 316, 333, 344, 355, 364, 390, 400, 424, 456, 480, 515, 533, 543, 568, 591
		Nigéria — Nigeria 304	Fièvre récurrente à poux
		République Arabe Unie 4, 17, 60, 95, 109, 133, 144, 156, 193, 203, 240, 273, 287, 304, 316, 332, 354, 375, 390, 411, 424, 437, 456, 491, 598, 629	Louse-borne Relapsing Fever
		South Africa 4, 84, 203, 262, 354, 375, 390, 424, 456, 503, 515, 556, 578, 591, 608	AFRIQUE — AFRICA
		Togo 203	Ethiopie — Ethiopia 17, 28, 41, 60, 72, 84, 95, 119, 157, 182, 193, 203, 240, 253, 262, 274, 287, 316, 333, 344, 355, 364, 375, 390, 400, 411, 424, 437, 469, 491, 515, 533, 543, 556, 579, 591, 598, 629, 638
			Région équatoriale espagnole 304
			Spanish Equatorial Region 304

	Pages
Bulletin épidémiologique radio-télégraphique quotidien de l'OMS	45, 145, 195, 279, 335, 447, 483, 515, 571
Critères appliqués pour la compilation de la liste des territoires infectés	8, 61, 119, 157, 221, 305, 376, 481, 506, 557
Fièvre jaune	
Centres de vaccination habilités	23, 47, 73, 96, 120, 134, 159, 205, 221, 242, 276, 290, 322, 345, 366, 378, 401, 412, 447, 482, 505, 534, 545, 559, 580, 618, 630
Publication du fascicule	378
Indices d' <i>Aedes aegypti</i>	47, 242, 378, 559, 599
Zones de réceptivité	34, 47, 159, 559
Informations épidémiologiques	
Choléra	33, 243, 254, 263, 278, 347, 356, 365, 379, 392, 401, 414, 426, 446, 482, 493, 504, 557, 570, 592, 618, 631
Importation par avion	254, 570
Importation par navire	493, 501, 513, 541, 553, 592, 618
Choléra, 1962	440
Carte	438, 439
Fièvre hémorragique	86
Fièvre jaune, 1962	458
Carte	460
Grippe	23, 46, 63, 74, 86, 97, 111, 121, 134, 146, 160, 172, 184, 194, 206, 230, 243, 254, 277, 289, 334, 347, 392, 600
Paludisme	302, 612
Carte	610
Tableau	300, 614, 617
Pèlerinage de la Mecque	255
Peste	243, 263, 618, 639
Peste, 1962	207
Carte	211
Variole	74, 135, 206, 230, 243, 263, 278, 288, 306, 321, 334, 365, 379, 392, 402, 413, 446, 457, 472, 493, 504, 631
Importation par avion	135, 288, 392, 457, 472
Importation par navire	169
Variole, 1962	222
Carte	228, 229
Mesures sanitaires	
Certificats de vaccination exigés dans les voyages internationaux:	
Amendements	9, 22, 32, 46, 62, 73, 85, 96, 110, 158, 183, 204, 241, 275, 290, 308, 322, 335, 346, 356, 377, 391, 401, 425, 471, 482, 492, 505, 516, 544, 558, 569, 579, 599, 609
Publication du fascicule	22
Choléra	545
Organisation sanitaire	
Aéroports: Moustiques vecteurs — <i>Aedes aegypti</i>	317, 345, 581
Aéroports non encore pourvus d'une zone de transit direct	412
Aéroports notifiés en application du Règlement sanitaire international	524
Publication du fascicule	524
Aéroports pourvus d'une zone de transit direct	9, 46, 470, 546
Aéroports sanitaires	366, 377, 470, 546, 569, 630
Certificats de dératisation ou d'exemption de la dératisation	22, 33, 63, 276, 470, 546
Règlement sanitaire international	
Article 6 (Cholera)	469
Choléra: mesures sanitaires	535, 570
Position des Etats et territoires	48
Fidji, Iles	253
Gambie	120
Règlement additionnel du 23 mai 1963	323, 494
Territoires infectés	61
Stations transmettant les bulletins épidémiologiques radio-télégraphiques de l'OMS	
Carte	145, 195, 279, 346, 483, 571, 631
Tableau	10, 136, 174, 212, 348, 484, 560
Amendements	204, 414

	Pages
Criteria used in compiling the Infected Area List	8, 61, 119, 157, 221, 305, 376, 481, 506, 557
Daily Epidemiological Radio-Telegraphic Bulletin of WHO	45, 145, 195, 279, 335, 447, 483, 515, 571
Epidemiological Notes	
Cholera	33, 243, 254, 263, 278, 347, 356, 365, 379, 392, 401, 414, 426, 446, 482, 493, 504, 557, 570, 592, 618, 631
Importation by air	254, 570
Importation by sea	493, 501, 513, 541, 553, 592, 618
Cholera, 1962	440
Map	438, 439
Hemorrhagic fever	86
Influenza	23, 46, 63, 74, 86, 97, 111, 121, 134, 146, 160, 172, 184, 194, 206, 230, 243, 254, 277, 289, 334, 347, 392, 600
Malaria	302, 612
Map	610
Table	300, 614, 617
Mecca Pilgrimage	255
Plague	243, 263, 618, 639
Plague, 1962	207
Map	211
Smallpox	74, 135, 206, 230, 243, 263, 278, 288, 306, 321, 334, 365, 379, 392, 402, 413, 446, 457, 472, 493, 504, 631
Importation by air	135, 288, 392, 457, 472
Importation by sea	169
Smallpox, 1962	222
Map	228, 229
Yellow fever, 1962	458
Map	460
International Sanitary Regulations	
Additional Regulations of 23 May 1963	323, 494
Article 6 (Cholera)	469
Cholera sanitary measures	535, 570
Infected areas	61
Position of States and territories	50
Fiji Islands	253
Gambia	120
Sanitary Measures	
Cholera	545
Vaccination certificate requirements for international travel:	
Amendments	9, 22, 32, 46, 62, 73, 85, 96, 110, 158, 183, 204, 241, 275, 290, 308, 322, 335, 346, 356, 377, 391, 401, 425, 471, 482, 492, 505, 516, 544, 558, 569, 579, 599, 609
Issue of publication	22
Sanitary Organization	
Airports designated in application of the International Sanitary Regulations	
Issue of publication	524
Airports: mosquito vectors — <i>Aedes aegypti</i>	317, 345, 581
Airports not yet provided with direct transit areas	412
Airports provided with direct transit areas	9, 46, 470, 546
Deratting and deratting exemption certificates	22, 33, 63, 276, 470, 546
Sanitary airports	366, 377, 470, 546, 569, 630
Wireless Stations transmitting WHO Radio-Telegraphic Epidemiological Bulletins	
Map	145, 195, 279, 346, 483, 571, 631
Table	10, 136, 174, 212, 348, 484, 560
Amendments	204, 414
Yellow Fever	
<i>Aedes aegypti</i> index	47, 242, 378, 559, 599
Designated vaccinating centres	23, 47, 73, 96, 120, 134, 159, 205, 221, 242, 276, 290, 322, 345, 366, 378, 401, 412, 447, 482, 505, 534, 545, 559, 580, 618, 630
Issue of publication	378
Receptive areas	34, 47, 159, 559