

Japan CSCL: Class I Specified Chemical Substances

Added confirmed links between Cabinet Order Number and CAS Registry Number (7)

CAS RN	Cabinet Order Number
11104-28-2	1
11141-16-5	1
12672-29-6	1
12674-11-2	1
37353-63-2	1
53469-21-9	1
89000-29-3	1

Japan CSCL: Existing Chemical Substances

Added confirmed links between MITI Number and CAS Registry Number (3)

CAS RN	MITI Number
3377-20-6	2-1142
52980-17-3	2-2735
52980-17-3	2-2624

Japan CSCL: Chemical Substances exempted from notification of manufacturing/import amount

Added confirmed links between MITI Number and CAS Registry Number (80)

CAS RN	MITI Number
1333-84-2	1-23
2466-09-3	1-422
5794-13-8	2-2383
5949-29-1	2-1318
5968-11-6	1-164
5996-10-1	8-46
6100-05-6	2-1323
6100-18-1	2-911
6106-21-4	2-911
6132-04-3	2-1323
7320-34-5	1-452
7722-88-5	1-497
7758-16-9	1-497
7758-29-4	1-497
7782-85-6	1-497
7785-84-4	1-497
7789-77-7	1-183
7790-76-3	1-183
7791-18-6	1-233
8017-16-1	1-422
10028-24-7	1-497
10034-99-8	1-467
10035-04-8	1-176
10039-32-4	1-497
10039-56-2	1-413
10049-21-5	1-497
10101-89-0	1-497
10124-56-8	1-497

CAS RN	MITI Number
14700-23-3	1-497
14809-04-2	1-497
14986-84-6	1-497
15091-98-2	1-497
15528-36-6	1-497
15706-89-5	9-1559
15819-50-8	1-497
15955-61-0	1-497
17031-96-8	1-497
17074-15-6	1-497
18820-96-7	1-497
18859-55-7	1-497
20588-13-0	1-497
23119-50-8	1-452
24616-37-3	1-497
26040-57-3	1-497
29856-33-5	1-497
31072-76-1	1-497
32426-22-5	1-310
33689-84-8	1-497
35270-09-8	1-497
39665-12-8	9-1633
50813-16-6	1-497
54212-71-4	1-497
60593-58-0	1-497
60593-59-1	1-497
60620-17-9	1-497
60620-19-1	1-497

10140-65-5	1-497
10361-03-2	1-497
10361-89-4	1-497
13396-41-3	1-497
13446-24-7	1-387
13472-35-0	1-497
13472-36-1	1-497
13517-23-2	1-411
13573-18-7	1-497
14550-21-1	1-497
14691-80-6	1-497
14691-84-0	1-452

60734-85-2	1-497
60763-25-9	1-497
62687-10-9	1-497
68915-31-1	1-497
68956-75-2	1-452
71942-18-2	1-497
99552-38-2	1-497
118830-14-1	1-497
136249-13-3	1-497
137461-81-5	1-497
170635-66-2	2-911
176748-04-2	2-911

Japan CSCL: Chemical Substances not regarded as a New Chemical Substances

Added CAS Registry Number (3)

6100-18-1	170635-66-2	176748-04-2
-----------	-------------	-------------

Japan ISHA: Newly Announced Chemical Substances

79 CAS RNs have been added (Public Notice 2019/09/27).

336-64-1	658-17-3	2351-36-2	2842-44-6	3049-31-8
3658-79-5	7125-83-9	7385-65-1	9025-44-9	17256-52-9
18077-31-1	20734-76-3	21177-86-6	21524-18-5	24451-18-1
25852-37-3	26928-12-1	28481-52-9	34764-02-8	35097-72-4
51231-09-5	52688-08-1	53718-42-6	60872-03-9	61070-30-2
63741-10-6	67801-42-7	68596-52-1	72437-30-0	90338-06-0
94159-32-7	114391-97-8	116633-52-4	117321-94-5	118548-14-4
126211-17-4	131212-75-4	135192-53-9	138321-70-7	139756-22-2
159991-80-7	164254-94-8	168475-66-9	223748-41-2	324742-96-3
400853-17-0	457080-98-7	564483-18-7	565449-87-8	848950-47-0
855737-35-8	868783-58-8	928156-32-5	936111-69-2	948042-69-1
1029430-94-1	1051375-13-3	1093268-37-1	1120360-14-6	1195949-26-8
1215111-77-5	1242906-47-3	1244982-60-2	1309583-51-4	1370461-06-5
1436393-94-0	1449418-49-8	1610943-06-0	1704365-26-3	1801603-90-6
1810865-48-5	1905467-46-0	1983963-17-2	2086269-74-9	2102296-75-1
2173997-41-4	2209052-54-8	2226139-59-7	2236043-57-3	

Deleted Newly announced chemical substances (7) (Public Notice 2019/07/29).

Registration NO.	ISHA NO.	CAS RN
16836	10-2225	
19705	8-(3)-1279	137864-45-0
19763	8-(3)-1280	124750-51-2
19776	8-(3)-1281	137864-44-9
19884	9-2546	
19885	9-2547	
23692	8-(7)-1820	70693-64-0

Revised Newly announced chemical substances (33) (Public Notice 2019/07/29).

Registration NO.	ISHA NO.	Note
4470	8-(7)-948	Chemical substance name has been revised
4473	8-(7)-949	Chemical substance name has been revised
4623	8-(7)-957	Chemical substance name has been revised

4624	8-(7)-958	Chemical substance name has been reviced
4625	8-(7)-959	Chemical substance name has been reviced
4735	8-(4)-1127	Chemical substance name has been reviced
4830	8-(1)-2126	Chemical substance name has been reviced
5907	12-701	Chemical substance name has been reviced
6405	8-(3)-819	Chemical substance name has been reviced
7324	8-(3)-868	Chemical substance name has been reviced
7325	8-(3)-869	Chemical substance name has been reviced
7330	8-(3)-870	Chemical substance name has been reviced
7509	8-(3)-879	Chemical substance name has been reviced
7538	1-(1)-540	Chemical substance name has been reviced
10109	10-1536	Chemical substance name has been reviced
14733	10-1933	Chemical substance name has been reviced
14805	10-1944	Chemical substance name has been reviced
14911	10-1959	Chemical substance name has been reviced
20481	8-(3)-1292	Chemical substance name has been reviced
20594	8-(1)-3684	Chemical substance name has been reviced
20891	10-2805	Chemical substance name has been reviced
20983	10-2822	Chemical substance name has been reviced
21283	10-2864	Chemical substance name has been reviced
22102	10-3006	Chemical substance name has been reviced
22382	8-(4)-1907	Chemical substance name has been reviced
22639	8-(7)-1784	Chemical substance name has been reviced
27276	8-(1)-4354	ISHA Number has been revised from 8-(1)-4286
27484	8-(5)-517	Chemical substance name has been reviced
27502	10-3799	Chemical substance name has been reviced
27547	8-(5)-518	Chemical substance name has been reviced
27551	8-(1)-4314	Chemical substance name has been reviced
27590	3-(2)-29	ISHA Number has been revised from 3-(1)-148
27622	8-(5)-520	Chemical substance name has been reviced

ISHA: Chemical Substances Requiring Labeling and Delivery of Documents, etc.

Added CAS RN (2)

1330-38-7	12070-14-3
-----------	------------

ISHA: Strong Mutagenic Chemical Substances

Added CAS Registry Number (17) in Notified Chemical Substances

551-92-8	609-40-5	1916-59-2	3365-85-3	4101-32-0
20734-76-3	21524-18-5	33500-43-5	35097-72-4	63741-10-6
79135-28-7	114391-97-8	149947-16-0	852246-50-5	932710-63-9
1882044-49-6	1905467-46-0			

Air Pollution Control Act

Added CAS RN (1)

1330-38-7

Deleted CAS RN (1)

301-10-0

Water Pollution Control Law

Added CAS RN (1)

1330-38-7

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade (PIC)

Deleted CAS RN (1) from Pesticide

2597-97-9

REACH : Substances of Very High Concern for Authorisation (SVHC)

Added CAS Registry Number to Candidate list (13)

375-73-5	25628-08-4	29420-49-3	68259-10-9	71850-09-4
71868-10-5	119313-12-1	131651-65-5	144317-44-2	220133-51-7
220689-12-3	503155-89-3	507453-86-3		

TSCA: Significant New Use Rules (SNUR)

Added CAS RN (14)

756-12-7	20270-50-2	37859-55-5	42532-60-5	58190-62-8
932384-12-8	1610862-54-8	1857296-89-9	1877295-51-6	1887149-13-4
1902936-65-5	1967778-37-5	2014386-23-1	2055838-16-7	

Korea: ARECs (K-REACH) / CGA; Hazardous Substance(s), Priority Control Substances

Added CAS RN (9)

321-60-8	629-63-0	693-13-0	1975-78-6	3964-18-9
13775-53-6	63451-47-8	184477-29-0	201419-80-9	

US Agency for Toxic Substances and Disease Registry (ATSDR) : Toxicological Profiles

Added CAS RN (13)

6484-52-2	7631-99-4	7632-00-0	7757-79-1	7758-09-0
9016-87-9	10026-08-1	10381-37-0	13470-07-0	13709-59-6
19024-62-5	54327-76-3	69012-64-2		

IARC: Carcinogenicity Assessment

Group 2A agent added(1)

106-91-2

Group 2B agent added(3)

98-56-6	109-70-6	2426-08-6
---------	----------	-----------

Safety Summary of Japan (JCIA BIGDr)

Added CAS Registry Number (34)

62-53-3	75-31-0	79-06-1	79-39-0	80-73-9
98-95-3	100-41-4	106-91-2	107-95-9	109-73-9
111-40-0	112-24-3	112-57-2	121-91-5	123-62-6
142-90-5	312-84-5	585-07-9	688-84-6	691-37-2
1330-20-7	1590-87-0	7446-11-9	7803-62-5	25068-38-6
34846-90-7	37353-75-6	42170-25-2	68131-73-7	85408-12-4
91032-11-0	91995-81-2	93334-15-7	94095-35-9	

Changed CAS Registry Number (45)

75-56-9	76-16-4	76-19-7	103-23-1	106-89-8
108-24-7	127-09-3	144-55-8	151-21-3	302-72-7
354-33-6	497-19-8	584-08-7	3088-31-1	4016-22-2
4016-24-4	4062-78-6	6381-77-7	6484-52-2	7631-90-5
7632-00-0	7681-52-9	7681-57-4	7757-82-6	7757-83-7
7772-98-7	7778-54-3	7783-18-8	7783-20-2	9002-92-0
9003-04-7	9004-64-2	9016-45-9	10117-38-1	13197-76-7
16090-02-1	16470-24-9	27344-41-8	41267-43-0	67762-27-0
86273-46-3	90498-90-1	91648-56-5	126213-50-1	129211-47-8

Deleted CAS Registry Number (5)

78-93-3	106-46-7	110-86-1	9036-19-5	76855-69-1
---------	----------	----------	-----------	------------

Japan METI: Biodegradation and Bioconcentration Results

Added confirmed links between MITI Number and CAS Registry Number (1)

CAS RN	MITI Number
52980-17-3	2-2735

Chemical Substance Name

Updated (2080)

56-69-9	63-74-1	68-91-7	79-83-4	80-05-7
82-54-2	101-42-8	125-46-2	143-00-0	143-67-9
154-87-0	291-21-4	307-51-7	335-71-7	335-77-3
362-46-9	375-92-8	438-85-7	457-50-1	472-97-9
506-89-8	513-80-4	531-85-1	534-85-0	542-90-5
550-10-7	573-09-1	582-38-7	595-15-3	598-52-7
599-54-2	619-35-2	621-83-0	623-95-0	631-62-9
635-03-0	677-84-9	679-85-6	686-43-1	756-12-7
764-22-7	765-03-7	776-04-5	865-04-3	865-21-4
871-90-9	926-72-7	949-42-8	1118-60-1	1118-61-2
1137-99-1	1187-27-5	1436-59-5	1568-80-5	1586-88-5
1622-67-9	1718-53-2	1719-03-5	1719-46-6	1749-36-6
1792-17-2	1801-76-9	1938-32-5	2068-78-2	2256-18-0
2416-98-0	2420-88-4	2421-08-1	2434-56-2	2556-42-5
2568-30-1	2615-25-0	2635-13-4	2703-17-5	2766-51-0
2787-01-1	2905-21-7	2929-95-5	3032-58-4	3064-73-1
3112-01-4	3473-84-5	3530-19-6	3567-65-5	3571-88-8
3865-35-8	3879-07-0	3999-38-0	4024-84-4	4128-37-4
4151-27-3	4166-20-5	4175-03-5	4277-06-9	4401-74-5
4490-81-7	4492-80-2	4559-86-8	4563-55-7	4696-46-2
4696-49-5	4722-98-9	4777-48-4	4886-26-4	4920-95-0
4926-28-7	5024-21-5	5081-37-8	5248-39-5	5372-81-6
5413-49-0	5416-55-7	5458-77-5	5721-31-3	5912-58-3
6052-10-4	6053-68-5	6262-21-1	6293-83-0	6315-52-2
6373-07-5	6417-85-2	6639-62-9	6704-31-0	7059-15-6
7425-20-9	7459-73-6	7637-03-8	7693-45-0	7727-73-3
7747-34-4	7778-74-7	7784-28-3	7784-31-8	9011-05-6
9038-41-9	9041-94-5	9085-99-8	9086-69-5	10034-76-1
10039-63-1	10045-89-3	10097-09-3	10101-41-4	10102-71-3

10138-04-2	10141-22-7	10186-63-7	10257-54-2	10279-63-7
10380-08-2	10486-51-8	10580-02-6	11108-03-5	11116-64-6
12027-88-2	12126-50-0	12143-18-9	13089-11-7	13138-53-9
13177-52-1	13223-43-3	13262-48-1	13325-10-5	13329-70-9
13417-12-4	13692-92-7	13716-10-4	13813-62-2	13840-04-5
13897-37-5	14171-00-7	14215-00-0	14284-36-7	14548-63-1
14638-69-8	14656-80-5	14689-29-3	14693-67-5	14704-31-5
14727-95-8	14760-14-6	14942-12-2	14986-84-6	15229-79-5
15257-25-7	15667-84-2	15763-48-1	15804-33-8	15827-56-2
16004-15-2	16185-96-9	16320-52-8	16322-19-3	16387-70-5
16466-97-0	16725-35-2	16726-03-7	16962-31-5	17066-08-9
17103-31-0	17331-13-4	17351-62-1	17591-10-5	17639-64-4
17687-37-5	18428-70-1	18428-88-1	18643-86-2	18927-36-1
19082-42-9	19182-81-1	19276-03-0	19390-75-1	19607-21-7
19666-36-5	19745-72-3	19970-80-0	19982-08-2	19997-42-3
20163-90-0	20432-40-0	20474-89-9	20500-49-6	20861-69-2
20986-40-7	21035-85-8	21142-28-9	21273-22-3	21273-46-1
21292-49-9	21331-43-1	21461-56-3	21474-51-1	21608-06-0
21616-46-6	21656-75-7	21807-69-2	21835-55-2	22002-84-2
22450-96-0	22572-05-0	22924-18-1	22974-74-9	24237-54-5
24237-55-6	24418-71-1	24430-27-1	24735-35-1	25118-59-6
25187-08-0	25332-39-2	25913-34-2	25955-19-5	26101-52-0
26158-70-3	26206-78-0	26536-12-9	26566-95-0	26604-41-1
26826-80-2	26872-84-4	26918-14-9	27507-28-4	27532-96-3
27617-34-1	27753-52-2	27767-98-2	27973-29-1	28322-92-1
28600-36-4	28660-67-5	29454-23-7	29488-24-2	29491-94-9
29513-13-1	29614-41-3	29710-58-5	29802-09-3	29811-04-9
30061-79-1	30607-77-3	30862-34-1	30862-35-2	31301-51-6
31469-15-5	31895-22-4	32085-88-4	32634-37-0	32779-36-5
33143-28-1	33232-06-3	33237-74-0	33574-02-6	33970-07-9
34236-06-1	34415-65-1	34718-47-3	34747-99-4	34748-97-5
34832-35-4	34856-24-1	35000-38-5	35204-48-9	35237-64-0
35346-33-9	35436-57-8	36116-18-4	36140-83-7	36221-65-5
36476-89-8	36493-27-3	36897-89-9	37089-75-1	37265-07-9
37281-53-1	37281-71-3	37368-62-0	37699-43-7	37891-96-6
38577-97-8	38613-89-7	39275-16-6	39275-18-8	39454-62-1
39943-70-9	39992-90-0	40070-06-2	40094-22-2	40472-88-6
40510-81-4	40913-84-6	41087-88-1	41127-67-7	41168-79-0
41184-65-0	41242-12-0	41604-19-7	41635-87-4	42532-60-5
45267-19-4	46904-74-9	48150-45-4	49562-76-7	50651-84-8
50663-26-8	50772-29-7	50772-35-5	50793-87-8	50793-88-9
50816-18-7	50824-05-0	50862-24-3	50878-52-9	50888-95-4
50905-71-0	50910-55-9	50979-18-5	51004-11-6	51016-93-4
51145-33-6	51174-44-8	51181-40-9	51219-00-2	51220-07-6
51220-08-7	51220-09-8	51220-11-2	51241-34-0	51241-38-4
51241-40-8	51241-44-2	51241-45-3	51241-46-4	51246-08-3
51259-14-4	51271-06-8	51313-97-4	51353-85-6	51354-24-6
51354-25-7	51354-26-8	51354-28-0	51354-29-1	51407-46-6
51452-87-0	51458-75-4	51543-38-5	51606-23-6	51621-60-4
51690-49-4	51732-22-0	51756-27-5	51786-16-4	51869-23-9
51898-35-2	51898-36-3	51930-04-2	51937-00-9	51951-27-0

51990-65-9	52005-71-7	52069-47-3	52126-24-6	52126-25-7
52147-29-2	52161-38-3	52204-65-6	52222-35-2	52251-71-5
52304-28-6	52322-80-2	52329-38-1	52341-34-1	52470-07-2
52545-57-0	52583-35-4	52591-25-0	52648-77-8	52708-16-4
52811-90-2	52811-91-3	52811-98-0	52813-48-6	52821-04-2
52821-05-3	52836-31-4	52940-37-1	52956-26-0	52957-10-5
52986-14-8	53042-78-7	53042-80-1	53144-53-9	53213-34-6
53319-09-8	53334-33-1	53370-61-9	53443-93-9	53483-51-5
53531-19-4	53555-59-2	53606-41-0	53721-15-6	53927-59-6
53943-24-1	53943-27-4	53997-74-3	54089-00-8	54097-66-4
54097-67-5	54173-16-9	54188-97-5	54253-49-5	54391-16-1
54410-89-8	54446-36-5	54514-30-6	54514-31-7	54527-02-5
54534-72-4	54554-81-3	54560-70-2	54655-45-7	54675-14-8
54675-77-3	54677-12-2	54730-36-8	54763-60-9	54813-77-3
54887-23-9	55016-95-0	55056-82-1	55066-48-3	55066-56-3
55108-01-5	55109-60-9	55131-17-4	55145-34-1	55198-39-5
55341-39-4	55373-87-0	55494-15-0	55498-85-6	55520-95-1
55557-13-6	55557-14-7	55563-79-6	55668-21-8	55751-54-7
55773-74-5	55854-35-8	55854-36-9	55897-69-3	55897-70-6
55910-09-3	55966-72-8	56038-92-7	56107-04-1	56108-32-8
56121-23-4	56121-25-6	56121-26-7	56131-50-1	56190-74-0
56197-60-5	56197-61-6	56218-94-1	56269-11-5	56310-11-3
56348-72-2	56378-59-7	56392-06-4	56423-40-6	56503-01-6
56503-02-7	56503-03-8	56578-18-8	56640-51-8	56795-78-9
56844-71-4	56961-84-3	56966-52-0	57058-14-7	57082-24-3
57084-14-7	57159-27-0	57183-58-1	57183-59-2	57233-46-2
57233-47-3	57233-92-8	57233-93-9	57243-11-5	57253-26-6
57253-27-7	57267-80-8	57335-98-5	57402-83-2	57439-01-7
57439-07-3	57539-90-9	57568-19-1	57583-35-4	57625-74-8
57678-23-6	57702-05-3	57707-67-2	57709-64-5	57834-94-3
57877-23-3	57880-93-0	58008-11-0	58008-13-2	58008-16-5
58008-18-7	58069-32-2	58087-05-1	58223-45-3	58257-53-7
58373-59-4	58404-89-0	58450-52-5	58502-85-5	58546-88-6
58594-45-9	58609-72-6	58657-52-6	58763-49-8	58826-76-9
58845-44-6	58882-17-0	58909-39-0	58940-14-0	58944-89-1
59020-75-6	59039-21-3	59059-42-6	59059-44-8	59087-17-1
59118-78-4	59118-79-5	59326-14-6	59387-92-7	59419-60-2
59472-05-8	59485-81-3	59517-57-6	59615-13-3	59615-16-6
59615-19-9	59642-16-9	59690-88-9	59871-54-4	59901-01-8
59901-02-9	60053-41-0	60053-44-3	60089-85-2	60111-14-0
60128-01-0	60168-05-0	60169-98-4	60320-28-7	60323-79-7
60468-22-6	60481-51-8	60501-28-2	60533-07-5	60559-29-7
60559-30-0	60711-01-5	60754-24-7	60766-75-8	60795-38-2
60826-16-6	60826-19-9	60826-20-2	60826-21-3	60826-23-5
60826-24-6	60826-30-4	60826-32-6	60826-33-7	60876-70-2
60946-75-0	60946-77-2	60967-62-6	60967-63-7	60967-64-8
60967-65-9	61041-55-2	61065-33-6	61065-34-7	61116-78-7
61116-79-8	61203-01-8	61328-44-7	61328-45-8	61333-82-2
61337-89-1	61338-13-4	61403-36-9	61403-37-0	61412-52-0
61415-94-9	61417-55-8	61463-59-0	61463-60-3	61476-72-0
61548-76-3	61613-22-7	61635-55-0	61682-72-2	61791-98-8

61912-55-8	62103-69-9	62150-35-0	62172-53-6	62192-80-7
62227-53-6	62267-06-5	62291-44-5	62391-96-2	62447-59-0
62566-66-9	62600-71-9	62614-46-4	62614-47-5	62692-64-2
62692-65-3	62702-46-9	62706-15-4	62706-17-6	62722-94-5
62724-26-9	62775-08-0	62796-07-0	62875-07-4	62936-13-4
62936-14-5	62936-15-6	62946-97-8	62946-98-9	62946-99-0
62947-01-7	62947-03-9	62947-06-2	63076-62-0	63133-74-4
63180-93-8	63266-61-5	63330-34-7	63358-50-9	63466-90-0
63501-26-8	63501-27-9	63511-93-3	63596-96-3	63646-51-5
63646-52-6	63647-45-0	63647-69-8	63674-18-0	63674-19-1
63734-62-3	63791-88-8	63791-89-9	63798-35-6	63870-40-6
63922-90-7	64022-35-1	64113-91-3	64157-14-8	64191-10-2
64200-97-1	64260-65-7	64277-85-6	64282-88-8	64338-47-2
64346-13-0	64401-54-3	64437-28-1	64437-29-2	64471-43-8
64471-45-0	64501-77-5	64787-97-9	64818-36-6	64823-98-9
64824-01-7	64824-02-8	64891-15-2	65023-19-0	65036-86-4
65045-87-6	65075-08-3	65078-77-5	65104-36-1	65104-49-6
65104-54-3	65121-82-6	65121-83-7	65128-96-3	65133-69-9
65150-87-0	65180-42-9	65287-19-6	65425-62-9	65505-24-0
65664-76-8	65687-52-7	65694-09-9	65703-79-9	65757-64-4
65811-30-5	65840-82-6	65840-83-7	65840-84-8	65840-90-6
65861-66-7	65920-56-1	66161-59-9	66178-02-7	66195-24-2
66197-44-2	66212-45-1	66261-97-0	66309-91-9	66346-04-1
66599-86-8	66599-88-0	66621-35-0	66642-85-1	66675-32-9
66711-86-2	66717-20-2	66747-68-0	66857-02-1	66992-27-6
67023-96-5	67025-99-4	67058-33-7	67113-13-7	67129-08-2
67192-63-6	67217-41-8	67242-17-5	67245-85-6	67252-79-3
67271-32-3	67332-78-9	67410-09-7	67429-65-6	67429-66-7
67462-47-9	67478-54-0	67545-57-7	67584-49-0	67584-50-3
67584-54-7	67590-13-0	67590-15-2	67633-87-8	67633-88-9
67688-80-6	67698-64-0	67732-16-5	67746-22-9	67785-03-9
67785-77-7	67801-86-9	67826-95-3	67845-26-5	67859-51-2
67874-80-0	67875-42-7	67905-39-9	67906-41-6	67906-42-7
67915-63-3	67923-61-9	67939-93-9	67939-94-0	67939-97-3
67939-98-4	67940-02-7	67951-45-5	68002-19-7	68071-44-3
68071-45-4	68092-37-5	68140-45-4	68171-38-0	68213-69-4
68239-74-7	68239-75-8	68259-07-4	68259-14-3	68298-09-9
68298-10-2	68298-89-5	68298-96-4	68310-02-1	68331-05-5
68389-63-9	68391-63-9	68412-87-3	68412-89-5	68413-49-0
68442-58-0	68443-46-9	68443-75-4	68457-84-1	68458-19-5
68477-21-4	68480-06-8	68486-28-2	68492-60-4	68506-98-9
68551-86-0	68551-87-1	68555-73-7	68584-85-0	68584-89-4
68584-90-7	68584-91-8	68611-54-1	68640-01-7	68640-02-8
68671-05-6	68698-59-9	68705-60-2	68705-63-5	68783-60-8
68795-55-1	68795-56-2	68818-07-5	68818-09-7	68818-10-0
68818-12-2	68818-13-3	68818-15-5	68818-18-8	68818-19-9
68818-22-4	68818-23-5	68818-46-2	68818-50-8	68818-51-9
68844-77-9	68892-42-2	68894-05-3	68901-32-6	68903-27-5
68903-28-6	68903-29-7	68910-49-6	68914-97-6	68917-99-7
68918-14-9	68922-10-1	68952-54-5	68957-62-0	69011-10-5
69227-61-8	69275-01-0	69338-39-2	69341-75-9	69386-28-3

69386-29-4	69573-51-9	69620-77-5	69622-36-2	69691-09-4
69713-44-6	69824-91-5	69824-94-8	69824-95-9	69844-87-7
69854-62-2	69854-64-4	69854-65-5	69854-66-6	69854-67-7
69854-68-8	69943-28-8	69961-10-0	70097-74-4	70131-67-8
70136-72-0	70225-15-9	70248-49-6	70286-31-6	70286-32-7
70286-33-8	70384-07-5	70495-37-3	70521-70-9	70521-71-0
70521-72-1	70521-73-2	70521-74-3	70521-75-4	70521-76-5
70521-77-6	70568-60-4	70657-15-7	70714-61-3	70757-33-4
70776-12-4	70850-91-8	70857-18-0	71046-38-3	71067-10-2
71182-59-7	71194-28-0	71194-29-1	71194-31-5	71194-32-6
71194-85-9	71194-86-0	71216-20-1	71309-67-6	71317-58-3
71317-73-2	71466-11-0	71491-50-4	71500-42-0	71526-07-3
71526-30-2	71646-96-3	71745-53-4	71786-62-4	71786-72-6
71786-74-8	71786-75-9	71799-75-2	71801-08-6	71888-53-4
71901-42-3	71978-00-2	72033-41-1	72056-24-7	72056-28-1
72093-26-6	72102-47-7	72262-77-2	72275-67-3	72277-22-6
72333-09-6	72389-79-8	72447-48-4	72542-56-4	72604-76-3
72612-74-9	72612-75-0	72615-27-1	72724-82-4	72764-02-4
72996-18-0	73018-16-3	73018-27-6	73019-20-2	73287-53-3
73342-39-9	73345-26-3	73384-65-3	73384-77-7	73412-35-8
73494-49-2	73604-46-3	73629-43-3	73785-31-6	73791-58-9
73830-73-6	73927-14-7	73959-34-9	73959-35-0	73998-82-0
74006-75-0	74006-76-1	74070-46-5	74070-70-5	74326-61-7
74365-65-4	74365-66-5	74365-67-6	74471-18-4	74534-10-4
74709-08-3	74783-52-1	74783-53-2	74958-88-6	74958-91-1
74958-93-3	75072-45-6	75072-46-7	75072-47-8	75072-48-9
75072-49-0	75072-50-3	75277-36-0	75340-17-9	75340-18-0
75340-19-1	75436-47-4	75436-48-5	75458-21-8	75476-90-3
75627-12-2	75722-65-5	75830-73-8	75830-74-9	75854-74-9
75906-62-6	75990-79-3	76155-51-6	76238-22-7	76259-47-7
76291-19-5	76352-71-1	76386-11-3	76386-13-5	76444-23-0
76444-24-1	76486-41-4	76706-57-5	76835-64-8	76937-12-7
76937-16-1	76937-18-3	77106-39-9	77220-86-1	77223-58-6
77228-69-4	77286-43-2	77359-19-4	77373-15-0	77408-22-1
77408-23-2	77408-24-3	77408-25-4	77408-26-5	77540-12-6
77540-13-7	77540-14-8	77540-15-9	77540-24-0	77540-25-1
77540-26-2	77540-27-3	77540-52-4	77540-53-5	77540-54-6
77540-58-0	77540-59-1	77540-60-4	77553-04-9	77553-07-2
77614-49-4	77635-32-6	77681-14-2	77734-44-2	77858-09-4
77858-10-7	77866-58-1	77928-77-9	78074-75-6	78074-79-0
78088-27-4	78088-28-5	78568-66-8	78595-02-5	78607-47-3
78616-96-3	78682-52-7	78761-39-4	78774-47-7	78948-50-2
78948-51-3	78948-60-4	78948-61-5	78948-65-9	78948-66-0
78974-41-1	78986-71-7	79199-84-1	79237-67-5	79237-70-0
79239-47-7	79246-41-6	79267-31-5	79320-48-2	79487-85-7
79487-86-8	79509-81-2	79520-51-7	79547-99-2	79563-19-2
79630-70-9	79663-69-7	79704-05-5	79736-60-0	79779-25-2
79806-85-2	79837-81-3	79840-55-4	79964-63-9	79964-72-0
79964-88-8	80017-04-5	80060-80-6	80118-08-7	80155-87-9
80233-94-9	80236-79-9	80280-83-7	80401-02-1	80576-66-5
80583-41-1	80639-53-8	80639-54-9	80639-56-1	80639-57-2

80648-58-4	80866-83-7	81090-01-9	81090-40-6	81090-61-1
81115-67-5	81115-75-5	81149-95-3	81307-49-5	81325-49-7
81349-49-7	81367-72-8	81387-77-1	81570-08-3	81634-60-8
81706-89-0	81726-42-3	81931-84-2	82052-28-6	82186-77-4
82352-11-2	82357-48-0	82657-69-0	82657-70-3	82742-09-4
83015-22-9	83037-83-6	83165-97-3	83206-47-7	83280-65-3
83323-71-1	83471-19-6	83477-76-3	83490-71-5	83540-95-8
83540-96-9	83564-14-1	83578-78-3	83694-71-7	83748-52-1
83783-90-8	83808-03-1	83808-51-9	83808-52-0	83860-48-4
83993-00-4	84006-16-6	84006-23-5	84006-24-6	84006-28-0
84015-55-4	84019-91-0	84173-94-4	84173-95-5	84176-63-6
84254-80-8	84254-81-9	84254-83-1	84268-33-7	84329-62-4
84431-92-5	84434-50-4	84604-77-3	84604-78-4	84613-97-8
84642-60-4	84649-64-9	84696-85-5	84712-88-9	84732-25-2
84753-11-7	84756-41-2	84782-05-8	84885-27-8	84905-80-6
84952-02-3	85028-50-8	85063-23-6	85063-35-0	85070-47-9
85099-33-8	85136-39-6	85137-09-3	85138-45-0	85153-63-5
85153-64-6	85186-46-5	85204-26-8	85237-39-4	85263-74-7
85351-05-9	85409-36-5	85409-85-4	85480-95-1	85544-09-8
85650-57-3	85702-55-2	85702-88-1	85710-01-6	85734-14-1
85734-17-4	85845-09-6	85879-44-3	85879-53-4	85879-62-5
85909-50-8	85918-32-7	85918-33-8	85918-34-9	85930-34-3
85938-53-0	85959-61-1	85959-88-2	86159-23-1	86234-09-5
86234-10-8	86234-11-9	86234-12-0	86234-13-1	86234-14-2
86234-15-3	86234-16-4	86271-54-7	86271-55-8	86299-46-9
86335-29-7	86550-39-2	86693-56-3	86693-57-4	86693-58-5
86813-46-9	86846-85-7	86853-33-0	86866-14-0	86967-46-6
86996-62-5	87068-85-7	87103-47-7	87115-62-6	87172-81-4
87246-72-8	87375-99-3	87376-04-3	87376-05-4	87376-06-5
87437-41-0	87442-17-9	87463-47-6	87463-48-7	87477-85-8
87507-80-0	87619-91-8	87619-94-1	87723-27-1	87759-24-8
87759-25-9	87759-26-0	87759-27-1	87759-28-2	87759-29-3
87759-30-6	87759-31-7	87759-32-8	87759-33-9	87759-34-0
87759-35-1	87759-36-2	87759-37-3	87855-94-5	87946-81-4
87976-23-6	87976-24-7	87976-25-8	87989-51-3	88019-86-7
88069-67-4	88192-20-5	88216-61-9	88255-01-0	88271-13-0
88280-58-4	88283-76-5	88296-26-8	88364-59-4	88382-94-9
88382-95-0	88438-13-5	88504-97-6	88513-99-9	88606-04-6
88641-61-6	88790-26-5	88790-28-7	88790-30-1	88790-32-3
88790-35-6	88938-51-6	89104-46-1	89110-96-3	89216-39-7
89216-40-0	89267-30-1	89355-13-5	89378-62-1	89457-29-4
89457-36-3	89457-37-4	89457-38-5	89457-45-4	89457-53-4
89457-54-5	89457-55-6	89460-13-9	89676-01-7	89725-50-8
89763-93-9	89784-61-2	89910-67-8	90101-22-7	90176-50-4
90207-25-3	90211-01-1	90368-77-7	90368-78-8	90368-79-9
90368-80-2	90368-85-7	90368-86-8	90368-87-9	90368-88-0
90368-90-4	90368-92-6	90370-35-7	90512-12-2	90676-25-8
91215-79-1	91243-28-6	91394-66-0	91415-69-9	91485-42-6
91590-59-9	91652-18-5	91715-78-5	92011-17-1	92129-55-0
92379-51-6	92410-76-9	92526-24-4	92531-97-0	92605-36-2
92633-46-0	92642-32-5	92642-33-6	92862-23-2	92883-25-5

92883-26-6	92908-35-5	92908-36-6	93102-05-7	93293-00-6
93360-07-7	93641-38-4	93699-90-2	93699-91-3	93749-91-8
93762-13-1	93776-29-5	93778-67-7	93827-10-2	93857-42-2
93863-16-2	93893-26-6	93918-58-2	93919-00-7	93919-89-2
93963-75-8	93964-25-1	93981-20-5	93983-17-6	94022-84-1
94022-85-2	94030-93-0	94086-64-3	94086-70-1	94086-82-5
94087-23-7	94088-12-7	94088-32-1	94088-33-2	94089-01-7
94108-27-7	94109-97-4	94109-99-6	94110-17-5	94113-40-3
94133-43-4	94133-50-3	94139-22-7	94158-07-3	94232-05-0
94349-27-6	94392-59-3	94421-69-9	94800-92-7	94874-42-7
95249-04-0	95277-13-7	95298-01-4	95360-33-1	95413-30-2
95500-19-9	95529-88-7	95597-56-1	95806-57-8	95907-33-8
96036-02-1	96091-22-4	96101-78-9	96237-92-2	96303-24-1
96303-26-3	96323-85-2	96424-70-3	96424-73-6	96774-87-7
96921-04-9	97206-73-0	97206-76-3	97228-60-9	97414-76-1
97488-55-6	97553-65-6	97802-57-8	97917-34-5	98068-72-5
98096-32-3	98102-89-7	98102-90-0	98102-91-1	98102-92-2
98103-87-8	98104-30-4	98108-64-6	98211-69-9	98259-17-7
98395-22-3	98584-81-7	98625-07-1	98719-26-7	98790-22-8
99051-01-1	99349-68-5	99376-83-7	99483-17-7	99562-17-1
99577-57-8	99685-96-8	99715-95-4	99783-74-1	99807-54-2
99893-45-5	100020-18-6	100165-87-5	100165-88-6	100227-70-1
100227-71-2	100252-16-2	100334-91-6	100404-06-6	100429-32-1
100429-35-4	100643-71-8	100747-86-2	101023-63-6	101144-90-5
101144-93-8	101144-94-9	101375-84-2	101623-69-2	101678-60-8
101803-29-6	101820-69-3	101829-92-9	101860-83-7	101971-12-4
101972-91-2	101978-89-6	101978-93-2	102014-33-5	102113-98-4
102187-01-9	102203-57-6	102311-49-9	102389-73-1	102490-00-6
102561-46-6	102776-42-1	102872-00-4	103088-61-5	103188-55-2
103499-39-4	103528-31-0	103556-61-2	103639-02-7	103697-96-7
103946-50-5	104061-23-6	104118-30-1	104235-58-7	104272-41-5
104272-51-7	104384-69-2	104622-98-2	104630-26-4	104641-60-3
104745-46-2	104750-73-4	104931-94-4	104931-95-5	104932-06-1
104932-09-4	104932-14-1	105167-85-9	105254-66-8	105450-79-1
105553-42-2	105864-99-1	105931-73-5	105986-70-7	106010-22-4
106058-85-9	106058-86-0	106620-90-0	106710-94-5	106711-08-4
106839-61-6	107394-21-8	107394-22-9	107425-65-0	107746-30-5
107825-28-5	107832-32-6	108056-48-0	108056-49-1	108068-96-8
108068-97-9	108346-37-8	108357-94-4	108427-54-9	108427-55-0
108429-73-8	108512-51-2	108734-44-7	108736-13-6	108772-87-8
108776-85-8	109386-14-3	109523-23-1	109529-42-2	109559-47-9
109792-52-1	109968-32-3	110122-28-6	110843-98-6	110882-70-7
111128-12-2	111170-56-0	111195-48-3	111559-76-3	111669-59-1
112287-44-2	112858-31-8	113349-19-2	113431-54-2	113479-65-5
113840-08-7	114132-34-2	114445-89-5	114719-19-6	114773-97-6
115092-90-5	115383-22-7	115610-15-6	115777-84-9	115932-80-4
115932-81-5	116071-55-7	116374-70-0	116391-24-3	116391-25-4
116496-44-7	116539-59-4	116632-39-4	116661-86-0	117233-47-3
117290-46-7	117397-31-6	117806-54-9	118297-20-4	118375-31-8
118430-73-2	118621-30-0	119265-32-6	119403-07-5	119515-38-7
119581-93-0	119747-21-6	119747-25-0	119992-81-3	120011-70-3

120014-06-4	120118-14-1	120788-32-1	120990-30-9	121129-31-5
121291-64-3	122111-03-9	122951-89-7	123215-04-3	123283-08-9
123978-95-0	124219-12-1	124770-74-7	124784-27-6	125660-00-6
126463-07-8	126613-06-7	126791-29-5	127545-34-0	127626-37-3
128399-31-5	128544-05-8	128984-47-4	128984-56-5	129025-85-0
129373-04-2	129433-23-4	130166-92-6	131379-23-2	131379-24-3
131379-26-5	131922-44-6	131983-72-7	132230-40-1	132335-44-5
132335-46-7	132335-47-8	133005-88-6	133145-29-6	133710-21-1
133710-22-2	133921-80-9	134176-18-4	134440-55-4	135821-03-3
135821-74-8	135835-64-2	135835-67-5	135835-68-6	136520-10-0
137618-94-1	138324-82-0	138402-10-5	138926-19-9	139036-50-3
139478-04-9	141095-78-5	141454-65-1	141573-96-8	141668-35-1
141914-99-0	143426-52-2	144039-10-1	144060-67-3	144116-10-9
144736-30-1	145038-03-5	145269-34-7	145411-54-7	145809-19-4
145809-20-7	145963-84-4	146374-27-8	147118-40-9	147263-99-8
147597-32-8	148879-68-9	148992-43-2	149919-01-7	149919-02-8
150005-23-5	151103-08-1	151552-17-9	152637-10-0	153172-31-7
153172-32-8	153172-33-9	153443-35-7	153454-44-5	153831-92-6
156145-64-1	156679-37-7	156715-43-4	157212-55-0	157280-55-2
157525-00-3	157800-93-6	158091-65-7	158965-44-7	159783-82-1
160653-08-7	162491-62-5	163222-32-0	165317-94-2	166301-22-0
172657-60-2	173090-34-1	175172-61-9	176299-71-1	177155-60-1
177317-29-2	183274-41-1	186202-54-0	186415-82-7	187393-96-0
187756-45-2	188021-38-7	189274-31-5	190595-65-4	194995-47-6
196109-17-8	198821-78-2	200443-98-7	201208-99-3	202189-84-2
205592-53-6	206658-89-1	207463-16-9	209072-72-0	212071-00-6
213740-81-9	214907-09-2	218600-50-1	222716-86-1	237427-96-2
239463-72-0	239463-85-5	244070-67-5	252958-29-5	259143-23-2
265659-08-3	268728-80-9	283593-02-2	286833-74-7	289914-09-6
292163-60-1	299916-62-4	300543-56-0	306934-95-2	328935-87-1
341035-71-0	341548-85-4	343338-28-3	344928-74-1	350836-93-0
351329-88-9	361377-29-9	364046-19-5	364046-23-1	375823-41-9
376608-74-1	386254-45-1	386708-10-7	400709-86-6	400763-43-1
402570-11-0	411235-57-9	412003-95-3	421555-73-9	421555-74-0
425670-70-8	426253-76-1	427165-44-4	434898-80-3	449758-17-2
474550-69-1	478796-04-2	480449-70-5	488109-64-4	490027-63-9
498563-29-4	521964-95-4	528587-70-4	545386-52-5	582302-79-2
586969-09-7	595555-70-7	638196-78-8	659722-56-2	676143-36-5
680974-65-6	680974-66-7	697278-28-7	697278-29-8	698394-59-1
698394-60-4	700834-18-0	721399-22-0	738587-10-5	740799-82-0
745052-94-2	761404-85-7	761446-44-0	794470-22-7	804506-77-2
825594-23-8	832151-99-2	844491-91-4	847416-51-7	849468-60-6
851975-10-5	856419-28-8	860391-24-8	862161-28-2	862464-60-6
864774-65-2	866621-50-3	874288-99-0	879403-42-6	881539-89-5
885340-11-4	885340-13-6	886443-51-2	888494-24-4	892493-65-1
897921-63-0	900779-74-0	900779-83-1	900779-84-2	900779-85-3
905854-02-6	906812-72-4	910606-39-2	911027-68-4	911027-69-5
913613-82-8	914260-44-9	915392-41-5	917569-72-3	926037-40-3
926037-41-4	928836-00-4	929536-36-7	941596-80-1	945589-08-2
946617-08-9	947141-86-8	947686-09-1	956317-36-5	1000597-52-3
1005177-94-5	1007304-55-3	1007387-53-2	1008753-84-1	1020061-04-4

1021921-41-4	1036721-60-4	1040377-17-0	1060801-25-3	1085225-25-7
1091612-74-6	1121649-70-4	1158098-73-7	1160293-27-5	1160294-96-1
1161917-52-7	1167983-30-3	1170946-19-6	1174321-59-5	1186620-71-2
1187817-57-7	1188316-54-2	1190430-21-7	1200806-67-2	1201913-63-4
1202261-23-1	1202269-24-6	1206591-87-8	1214742-93-4	1215223-23-6
1224948-06-4	1224948-44-0	1224949-36-3	1225378-30-2	1235882-84-4
1238449-42-7	1247119-83-0	1250316-98-3	1251740-77-8	1256584-74-3
1256632-17-3	1258834-14-8	1262133-54-9	1262799-51-8	1263133-33-0
1263679-71-5	1267854-62-5	1271389-97-9	1272661-82-1	1272661-89-8
1300590-34-4	1308849-91-3	1309857-84-8	1310480-24-0	1310480-27-3
1310480-28-4	1311194-60-1	1312693-79-0	1313508-66-5	1313999-39-1
1338579-13-7	1344145-36-3	1344145-37-4	1344145-38-5	1345411-86-0
1346674-23-4	1352612-43-1	1360867-65-7	1360867-67-9	1361202-17-6
1370348-30-3	1370348-34-7	1370468-36-2	1370585-34-4	1385049-02-4
1385773-87-4	1388651-44-2	1388651-52-2	1399858-00-4	1404197-89-2
1417448-04-4	1418554-01-4	1422649-48-6	1423039-10-4	1438391-32-2
1440529-21-4	1446086-32-3	1454807-78-3	1477630-43-5	1497299-65-6
1501975-18-3	1506431-11-3	1517966-43-6	1517966-44-7	1518726-04-9
1519050-85-1	1519061-71-2	1538635-99-2	1546765-39-2	1569603-30-0
1572444-98-4	1609080-12-7	1612262-49-3	1613320-81-2	1613451-37-8
1616260-62-8	1616410-61-7	1616410-63-9	1616410-66-2	1616410-71-9
1620319-31-4	1621283-19-9	1621283-53-1	1621283-55-3	1622456-43-2
1627528-06-6	1628106-94-4	1628856-22-3	1631030-74-4	1632002-13-1
1632325-91-7	1638490-85-3	1644239-91-7	1644239-92-8	1644239-93-9
1644398-75-3	1644398-76-4	1652591-99-5	1663490-87-6	1669416-70-9
1689566-03-7	1802295-96-0	1803106-94-6	1803117-44-3	1803407-49-9
1806294-25-6	1807445-82-4	1807977-72-5	1830312-72-5	1831826-60-8
1857331-83-9	1869942-96-0	1872428-94-8	1878204-24-0	1881237-49-5
1883346-84-6	1891094-25-9	1899041-22-5	1914164-95-6	1926976-90-0
1937217-79-2	1960387-78-3	1960454-36-7	1961210-47-8	1975967-32-8

Update January 28, 2020