

# Typhoon Usagi Disaster Response Report – 5th Report

Central Emergency Operation

Center

Data as of 22.09.2013 12:00

## I. Rainfall (Source: Central Weather Bureau)

The Central Weather Bureau issued the sea warning for Severe typhoon Usagi at 23:30 on September 19 2013, followed by the sea and land warning at 8:30 on September 20. The land warning was lifted at 08:30 on September 22. At 11:00 on September 22, the center of the typhoon was located at 22.1 degrees north latitude and 117.4 degrees east longitude. This placed the typhoon out at sea 280 km south by southwest of Kinmen. The Category 4 storm has a storm radius of 220km and Category 5 storm has a storm radius of 80km, and the typhoon is moving at 19 km/h in the west direction. The latest update indicated that the typhoon radius has shrunk slightly over the last three hours and the typhoon center is out at the sea south by southwest of Kinmen and continuing to move in the west direction. Rain is persisting in eastern and southwestern Taiwan, and Hengchun Peninsula. The typhoon is expected to decline in strength and the storm circle is showing signs of shrinking. Shipping sailing or operating of Bashi Channel, Taiwan Strait, and Dongsha Island should also take extra precautions. Taitung, Hualien, Hengchun Peninsula, Pingtung, Kaohsiung, and Yilan should take extra precautions against rains. Taitung, Hengchun Peninsula, and the mountains in Yilan, Hualien, Kaohsiung and Pingtung have a chance of experiencing torrential rains or extremely torrential rains today (9/22). Localized extremely heavy rains and torrential rains are expected in Yilan, Hualien, southern Taiwan and the mountains in Nantou as well as north of Taichung. Heavy rains and extremely heavy rains are expected in northern Taiwan. Central Taiwan, Penghu, and Kinmen have a chance of experiencing heavy rains. Please watch out for landslides, falling rocks, debris flows or flash floods. Low-lying regions should take precautions against flooding. Wind and waves remain high throughout Taiwan, so please keep away from the coast. The areas affected by gusts should take precautions against power outage. Due to typhoon outer-circulation, Kinmen has a chance of experiencing Force 10 to 11 gusts so please watch out for them. Spring tide is currently in effect so low-lying areas should take precautions against flooding and storm surges. If the route of this typhoon does not change significantly, the Central Weather Bureau expects to lift the typhoon warning at 14:30 today (9/22).

## II. Disaster Profile

### A. Rainfall (Source: Central Weather Bureau, Ministry of Transportation and Communications) (Cumulative rainfall)

Area	Rainfall (mm)
Tianxiang, Xiulin Township of Hualien County	775
Xiangyang, Haiduan Township of Taitung County	719
Dahan mountain, Chunri Township of Pingtung County	700
Gulu, Datong Township, Yilan County	691
Nantianchi, Taoyuan District, Kaohsiung City	493
Xiqiusi Mountain, Jianshi Township of Hsinchu County	453
Lala Mountain, Fuxing Township of Taoyuan County	436
Auwanta, Ren'ai Township of Nantou County	328
Fushan, Wulai District of New Taipei City	303
Lishan, Heping District, Taichung City	294
Jiuzhuang, Nangang District of Taipei City	266
Shiding, Shiding District of New Taipei City	200

### B. Wind Speed (Source: Central Weather Bureau, Ministry of Transportation and Communications)

Area	Instantaneous maximum gust speed (Wind category)
Lanyu, Lanyu Township of Taitung County	17
Hengchun, Hengchun Township of Taitung County	14
Dongji, Wangjilan Township of Penghu County	11
Dawu, Dawu Township of Taitung County	11
Wuci, Wuqi District of Taichung City	10
Chenggong, Chenggong Township of Taitung County	10
Xinwu, Xinwu Township of Taoyuan County	10
Penghu, Magong City of Penghu County	10
Kinmen, Jincheng Township of Kinmen County	10
Pengjia Islet, Zhongzheng District, Keelung City	10

## III. Typhoon Response

### A. City-county emergency operation centers established (Source: National Fire Agency, Ministry of the Interior)

Type	Number of EOCs established	Location
County/City	1	Level 1: Taitung County

### B. Danger areas declared (Source: National Fire Agency, Ministry of the Interior)

16 low lying areas, 50 mountain areas, 114 coastal sites, 247 river areas, and 166 other sites. 0 warnings issued.

County/City	Number of danger areas					Enforcement	
	Low-lying area	Mountain	Coast	River	Other	Warnings issued	Penalty notices issued
Kaohsiung City	0	7	12	13	0	0	0
Hualien County	0	25	18	69	166	0	0
Taitung County	16	16	78	165	0	0	0
Kinmen County	0	2	6	0	0	0	0
Total	16	50	114	247	166	0	0

### C. Distribution of debris flow danger areas (Source: Soil and Water Conservation Bureau, Council of Agriculture)

County/City	Debris Flow Danger Areas
-------------	--------------------------

	Yellow Alert			Red Alert			Total	
	Potential debris flow rivers	Township	Village	Potential debris flow rivers	Township	Village	Potential debris flow rivers	Remarks
Kaohsiung City	6	1	3	0	0	0	6	
Taoyuan County	10	1	5	0	0	0	10	
Pingtung County	26	9	19	0	0	0	26	
Yilan County	62	3	22	2	1	1	64	
Hualien County	86	7	33	2	1	1	88	
Taitung County	102	9	36	3	1	2	105	
Total	292	30	118	7	3	4	299	

Notes: Response to alert:

1. Yellow Alert (predicted rainfall higher than debris flow warning threshold): Local governments should advise residents to evacuate.
2. Red Alert (actual rainfall has reached debris flow warning threshold): Local government may issue mandatory evacuation orders based on local rainfall and actual conditions.

#### D. Mountain climber contact (Source: National Police Agency, Ministry of the Interior)

Table created: 22/09/2013

Mountain Climbing Applications		Persuaded to not enter mountain areas		Climbers contacted								Climbers out of contact	
				Already left the mountains		Safe accommodation in the mountains		Shelter in place		Leaving the mountains			
Case	Persons	Case	Persons	Case	Persons	Case	Persons	Case	Persons	Case	Persons	Case	Persons
1104	5687	985	5099	119	588	0	0	0	0	0	0	0	0

(Note: Climbers out of contact refers to climbers that have not contacted rangers, family members or the police for more than 48 hours after entering the mountain areas. This table was compiled by the MOI National Police Agency and the MOI Construction and Planning Agency)

#### E. Accommodation of fishermen from Mainland China (Source: Council of Agriculture, Executive Yuan)

Time	Accommodated on boats	Accommodated on shore	Total
2013/09/22	991	834	1825

- F. Suspension of school of and work (Source: National Fire Agency, Ministry of the Interior)  
 School and work suspended in Manzhou Township of Pingtung County, Fuli Township of Hualien County, Dawu Township, Jinfeng Township, Daren Township, and Lanyu Township of Taitung County today (9/22). School and work suspended in Kinmen County before 18:00 today.

## IV. Evacuation and Emergency Shelters

#### A. Number of people evacuated (Source: Department of Civil Affairs, Ministry of the Interior)

Municipalities	Estimated number of evacuees	Actual number of additional evacuees	Cumulative number of evacuees
Yilan County	152	76	76
Taoyuan County	140	140	140
Nantou County	426	426	426
Chiayi County	247	247	247
Pingtung County	755	755	755

Taitung County	247	247	247
Hualien County	2116	1395	1395
Taichung City	28	28	28
Tainan City	80	80	80
Kaohsiung City	1155	1155	1155
Kinmen County	5	5	5
Total	5351	4554	4554

## B. Shelters

### (1) Emergency shelters (Source: Department of Social Affairs, Ministry of the Interior)

Up to 64 shelters were opened, housing a cumulative total of 1350 people. There are currently 44 shelters in operation holding 866 people. (see attachment 1 for details)

## V. Disaster statistics

### A. Deaths and injuries (Source: National Fire Agency, Ministry of the Interior)

County/City	Deaths	Missing	Injured	Remarks
Kinmen County	0	0	12	<ol style="list-style-type: none"> <li>1. At 11:18 on September 21, one rider (female, Hung, O-tzu, 52 years old) was struck by falling street tree snags near Pasta Italian Restaurant in Zhupu W. Rd., Jincheng Township, Kinmen County. She was transported to a hospital at 11:42 and felt pain in her right leg with several bruises on her body.</li> <li>2. At 11:43 on September 21, there were people struck by falling street tree snags in the Mt Taiwu Cemetery section in Shanwai Vil., Jinhua Township, Kinmen County. 3 women and 2 men (females: Wu O-wen, 32 years old, Wang O-hua, 10 years old, and Chen O-ti, 33 years old; males: Wang O-kan, 33 years old and Wang O-ta, 8 years old) were injured when they rode two scooters. These 5 patient were slightly injured (limb injuries) of which four can walk on their own and the fifth patient (a 10-year-old girl) has facial injuries.</li> <li>3. At 16:52 on September 21, there were 2 people (males: Tsai O-chien, 23 years old and Wang O-chi, 22 years old) struck by falling street tree snags in the Queshan Field, Jinsha Township. They sought medical treatment on their own.</li> <li>4. At 16:52 on September 21, one person (male: Tsai O-huo, 65 years old ) was by falling street tree snags in No.32, Xiazhuangzhongxing Rd., Jinhua Township, Kinmen County. The patient remained conscious and was transported to Kinmen Hospital.</li> <li>5. At 10:39 on September 22, one person (male: Huang O-chih) was crushed by a tree in Nanqueshan, Jinsha Township. He was treated and released.</li> <li>6. At 10:46 on September 22, one person (male: Wang O-jen, 60 years old) was crushed by a tree and injured in his legs and back in Gugang, Gucheng Village, Jinsha Township. He was treated and released.</li> <li>7. At 18:41 on September 21, one person (male: Wang O-jen, 60 years old) was crushed by a tree and injured in his legs and back in Gugang, Gucheng Village, Jinsha Township. He was treated and released.</li> </ol>
Total	0	0	12	-

### B. Lifeline damage (Source: Ministry of Economic Affairs, National Communications Commission)

Unit	Item	Scale of impact	Emergency repairs completed (Households, Sites)	Awaiting repairs (Households, Sites)	Remarks
Ministry of Economic Affairs	Water supply	6291	892	5399	<p>I. Pingtung: (the number of households without tap water: 2,500)  At 09:30 on September 21, Hengchun Operations Station suffered failure to Taipower's transformers. This led to a water outage for 2,500 households in four villages (such as Daquan) in Hengchun Township. Water tankers are on standby. Taipower has repaired the transformers; however, the out wires may be short-circuited due to canebrakes. Water supply will be restored once problems are eliminated and power is restored by Taipower.</p> <p>II. Taitung: (the number of households without tap water: 3,004)</p> <p>1. At 11:00 on September 21, power outage at Jinlun System in Taitung County and Langdau System in Lanyu has cut water supply to 570 households in the Jinlun area of Taimali Township. Water supply to these households is restored at 20:00 on September 21 after Lichu Deep Well has provided water supply support. This led to a water outage for 200 households in the Langdau area of Lanyu Township. Water supply will be restored once power is restored; the water pumps of Chihpen System failed because the power was tripped. This led to a water outage for 2,500 household in Chihpen Village, Taitung City. Emergency repairs have been carried out and Taina water treatment plants have provided water supply support. Water supply was restored at 22:00 on September 21. The water intakes of the Hongye water purification plants were damaged due to extremely heavy rains. The personnel will be dispatched to repair after the water level drops. This led to a water outage for 515 households in Hongye Village and Tauyuan Village of Chishang Township. The personnel will be dispatched to restore water supply once the closed roads are reopened.</p>

					<p>2. At 14:00 on September 21, in Taitung County, the Dawu System suffered failure to the electrical-mechanical equipment because the power was tripped. This led to a water outage for 425 households in the Daniau, Jialuoban, and Guzhuang areas. Water supply to the Jialuoban and Guzhuang areas (136 households) is restored at 06:00 on September 22. 289 households in the Daniau area still have no tap water. Emergency repairs are not possible due to roadside landslide at connective roads. Water supply will be restored once power is restored. The personnel will be dispatched to restore water supply after roads reopen.</p> <p>3. Raw water turbidity has soared to 7000NTU in Chenggong Water Purification Plant, and the amount of water treated has been decreased, cutting the water supply to 2,000 households in Chenggong Township. It is expected to restore water supply at 18:00 on September 22.</p> <p>III. Yilan: (the number of households without tap water: : 95) Sihji System has failed to supply water due to clogged water intakes at 22:00 on September 21. When wind and rain diminishes, the personnel will be dispatched to clear the clogged water intakes. 95 household were affected.</p>
	Electricity	98126	69812	28314	<p>Power outage areas: Pingtung County: Jiadong Township, Shizi Township, Fangshan Township, Mudan Township, Checheng Township, Hengchun Township, Manzhou Township, Daren Township. Taitung County: Haiduan Township, Taimali Township, Beinan Township, Donghe Township, Dawu Township, Lüdao Township, Yanping Township, Daren Township, Jinfeng Township, Lanyu Township. Kinmen County: Jinsha Township, Jinning Township, Jinhu Township, Jincheng Township. Hsinchu County: Jianshi Township. Taoyuan County: Fuxing Township The personnel can be dispatched to restore power only after the storm has weakened.</p>
National Communications	Telecommunications (Fixed line)	4630	0	4630	Telephone service interrupted for 1,050 households in Kaohsiung City, 1,850

Commission					households in Pingtung County, 130 households in Hualien County, and 1,600 households in Taitung County. Estimated repair time: 09:00 September 23.
	Telecommunications (Cell station)	264	92	172	264 cell stations failed where 92 have been restored and 172 needs repair. It is expected to restore all of them before 00:00 on September 24.

(Note: This table was filled out by the Ministry of Economic Affairs based on National Communications Commission statistics)

### C. Transportation

#### (1) Transportation damage and repairs (Source: Ministry of Transportation and Communications)

Item	Disaster affected sites (sites)	Repaired (sites)	Not repaired (sites)	Remarks
National Highway	0	0	0	
Provincial Highway	16	9	7	<ol style="list-style-type: none"> <li>1. Provincial Highway 8 116K+500~186K+580 cut by roadside landslide. Obstruction expected to be cleared by 08:00 on September 25.</li> <li>2. Provincial Highway 8 181K+300~181K+400, Baisha Bridge cut by hillside landslide. Obstruction expected to be cleared by 17:00 on September 27.</li> <li>3. Provincial Highway 20 097K+000~102K+000, Qinhe to Fuxing, trails washed away. Obstruction expected to be cleared by 18:00 on October 10.</li> <li>4. Provincial Highway 20 093K+783, Abutment Approach A1 to Salawu Temporary Bridge washed away. Obstruction expected to be cleared by 18:00 on September 26.</li> <li>5. Provincial Highway 17 264K+200, Qiangyuan, Pingtung, water build-up to a level of 40 cm on roads. Obstruction expected to be cleared by 18:00 on September 22.</li> <li>6. Provincial Highway 7 49K+900~049K+950 Daman Road of Fuxing Township cut by roadside landslide. It is impassable and debris has continued to fall. Obstruction expected to be cleared by 16:00 on September 22.</li> <li>7. Provincial Highway 20 102K+361, Approach to Fuxing Bridge washed away. Obstruction expected to be cleared by 17:00 on September 26.</li> </ol>
Total	16	9	7	

(Note: This table was compiled by the Ministry of Transportation Communications based on statistics provided by the EY Council of Indigenous Peoples, EY Council of Agriculture and MOI Construction and Planning Agency)

#### (2) Suspension of railway services (Source: Ministry of Transportation and Communications)

No.	Date and Time	Line	Service	Reason	Remarks	Reported Time
1	09/21 23:59	Northern Loop Line	Running as normal	Cancelled due to Usagi typhoon	Normal services have resumed since 06:00 on September 22.	09/22 07:21
2	09/21 23:59	Southern Loop Line	Running as normal	Cancelled due to Usagi typhoon	Normal services have resumed since 10:00 on September 22.	09/22 10:17
3	09/21	Taitung Line	Running as	Cancelled due to Usagi		09/22

	23:59		normal	typhoon		09:29
4	09/21 23:59	Yilan County	Running as normal	Cancelled due to Usagi typhoon	Normal services have resumed since 06:00 on September 22.	09/22 07:28
5	09/21 23:59	Pingxi Line	Running as normal	Cancelled due to Usagi typhoon		09/22 07:23
6	09/21 23:59	Alishan Forest Railway	Normal services to resume from Chiayi to Zhuqi	Cancelled due to Usagi typhoon	Train services are suspended on the Shenmu Line, Chaoping Line, and Chushan Line and will resume after Alishan Forest Recreation Area opens.	09/22 07:27

(3) Flight cancellations (Source: Ministry of Transportation and Communications)

A total of 110 flights were cancelled or delayed due to the effects of Typhoon Usagi. (See attachment 2 for details)

(4) Regional flooding (Source: Ministry of Economic Affairs)

County/City	Location	Start of flooding	End of flooding	Water depth (m)	Surface area (m <sup>2</sup> )	No. of households flooded	Remarks
Yunlin County	Gas station at Bozhiliao Fishing Port in Kouhu Township	09/21 13:20	09/21 14:00	.2		0	Water builds up to about calf-height on roads
Pingtung County	Provincial Highway 1 Shuidiliao section in Fangliao Township	09/21 12:35	09/22 04:36	.1		0	Water builds up to a level of 10 cm on roads
Pingtung County	Jiupeng Vil., Manzhou Township	09/21 11:36	09/21 11:40	.1		0	Seawater intrusion
Taitung County	Longquan Rd., Wenquan Vil., Beinan Township	09/21 21:36	09/21 22:12	0		0	The river was swollen and the flooding nearly reached the north end.
Taitung County	The neighborhood of Zhaoyong Bridge in Dawu Township	09/21 11:20	09/21 12:30	0		0	Roads
Taitung County	Neighborhood 28, Taiyuan Vil., Donghe Township	09/21 21:37	09/22 00:47	0		0	
Taitung County	No.118, Zhongxi 3rd Rd., Fuwen Vil., Chishang Township	09/21 18:14	09/21 19:30	0		0	House flooding
Taitung County	Jihben River located at Ln. 408, Wenquan Rd.	09/21 23:19	09/21 22:23	0		0	The County Government has carried out evacuation.
Taitung County	Taitung City	09/22 07:30		0		0	The gutters next to Yongquan Sports Park and at Sec. 1, Siwei Rd. were clogged and water overflows.
Taitung County	No.58, Ln. 449, Fuyu Rd., Taitung City	09/22 00:19	09/22 03:28	0		0	
Taitung County	No.328, Sec. 2, Xing'an Rd., Taitung City	09/21 23:58	09/22 03:29	0		0	
Taitung County	located at Xikang Rd., Taitung City	09/21 23:35	09/21 22:12	.2		0	
Taitung County	No.225, Ln. 2, Sec. 4, Qinghai Rd., Taitung	09/22 00:29	09/22 01:27	0		0	



	City					
Taitung County	Sec. 1, Ruijing Rd., Luye Township, Taitung County	09/22 07:12	09/22 10:50	.2		0 Water build up to a level of 20 cm.
Taitung County	No. 46-1, Houpu Rd., Guanshan Township	09/21 17:20	09/21 20:41	0		0 House flooding
Taitung County	No.55, Zhongqing, Degau Vil., Guanshan Township	09/21 18:34	09/21 20:40	0		0 House flooding (overflowing of drainage canal)
Taitung County	Beizhuang Activity Center in No. 62, Degau Vil., Zhongqing, Guanshan Township	09/21 16:20	09/21 22:23	1		4
Taitung County	No. 124-5, Xinfu Vil., Xipu, Guanshan Township, Taitung County	09/22 08:00	09/22 11:17	0		0 Good Luck B&B was flooded and Taitung County Public Work Bureau contacted Township Administration at 11:02. Water build-up has been resolved in this case.
Taitung County	Dianguang Vil., Guanshan Township	09/21 19:35	09/21 21:23	0		0 The slope of Levee 3 on the flood control road of Dianguang was flooded.
Total	19					4

D. Water resource facility damage and emergency repairs (Source: Ministry of Economic Affairs)

Facility type	Damaged	Emergency repairs completed	Emergency repairs underway	Remarks
River Levee	3	0	3	<p>09/22 00:00 Guanshan Township of Taitung County. Eighth River Management Office of Water Resources Agency. River Levee 089-351437 - Haiduan IV</p> <p>9/22-0720 People reported that the 3+400 slope surface work that is 250m long was washed away. 500 profiled blocks expected to be positioned. We have informed our open contract vendor of this and they have started emergency repairs at 06:00.</p> <p>09/22 00:00 Shoufeng Township, Hualien Country. Ninth River Management Office of Water Resources Agency. River Levee 089-351437 - Fengtian Levee II at the left bank of Shoufeng River</p> <p>A 80m long section of Fengtian Levee II at the left bank of Shoufeng River was washed away at approx. 3k+250; We have informed our open contract vendor of this and they have performed emergency repairs. 100 5-ton armored blocks and 200 20-ton armored blocks expected to be positioned by 18:00 on September 22.</p> <p>09/22 00:00 Fuli Township, Hualien Country. Ninth River Management Office of Water Resources Agency. River Levee 089-351437 - Siming Levee at Siouguluan River</p> <p>A 25m long section of Siming Levee at Siouguluan River 0+550 was washed away; we have informed our open contract vendor of this and they have performed emergency repairs. 100 5-ton armored blocks expected to be positioned by 17:00 on September 22.</p>
Seawall	1	0	1	<p>09/21 00:00 Taitung City, Taitung County. Eighth River Management Office of Water Resources Agency. Seawall 089-351437 - Fungli Seawall.</p> <p>At the end of Sichuan road (the neighborhood of the beginning of Fungli Seawall), the roadbed was hollowed out due to waves; the contractor of the</p>

				Eighth River Management Office have been informed to deal with the emergency. Concrete blocks had been positioned since 18:00 on September 21. A section about 100m long was damaged. The original plan is to carry out the emergency repairs on September 22. The site survey found that the site access for construction is impassable. We plan to carry out emergency repairs on September 23 with the least possible delay according to the disaster damage.
--	--	--	--	--

E. Disaster damage to agricultural, forestry, livestock products and facilities (Source: Council of Agriculture)

County/City	Total	Loss of agricultural, forestry, fishery and livestock products (Unit: NT\$1000)					Loss of agricultural, forestry, fishery and livestock facilities (Unit: NT\$1000)			
		Subtotal	Agricultural products	Livestock	Fishery products	Forestry products	Subtotal	Farms and agricultural facilities	Livestock facilities	Fishermen's fishery facilities
Hualien County	1114.4	1114.4	1114.4	0	0	0	0	0	0	0
Taitung County	2917.25	2917.25	2917.25	0	0	0	0	0	0	0
Total	4031.65	4031.65	4031.65	0	0	0	0	0	0	0

## VI. Support for City-County Emergency Operations

A. Emergency rescue manpower, equipment and operations (Source: Ministry of National Defense, MOI National Fire Agency, MOI National Airborne Service Corps, MOI National Police Agency, Coast Guard Administration)

Personnel, Equipment and Operations	Armed Forces	Firefighter (including Volunteer Firefighters)	Police (incl. Volunteer Police and Civil Defense)	Air Crew	Coast Guard	Total
Personnel Dispatched (persons)	2041	2546	11514	0	4353	20454
Helicopter (sorties)	0	0	0	0	0	0
Aerial Surveillance (sorties)	0	0	0	0	0	0
Vehicles (missions)	277	3774	0	0	1027	5078
Vessels (incl. rubber boats) (vessels)	0	8	0	0	73	81
Machinery (pcs)	31	12	0	0	0	43
People Rescued (persons)	1482	258	0	0	0	1740

Notes: Table data represents cumulative total

B. Emergency response readiness (Source: Ministry of National Defense)

The first emergency response force of 800 people can be deployed with 10 minutes' notice.

The second emergency response force of 1200 people can be deployed with 3 hours' notice.

Table of Pre-Deployed Military Emergency Response Forces on Taiwan				
Area	3rd Combat Zone (North)	5th Combat Zone (Central)	4th Combat Zone (South)	2nd Combat Zone (East)
1st Emergency Response Force	200 people	200 people	200 people	200 people
Location				
Subtotal	800 people			
2nd Emergency Response Force	300 people	300 people	300 people	300 people
Location				
Subtotal	1200 people			

C. Military personnel pre-deployed in high risk areas (Source: Ministry of National Defense)

The military has pre-deployed a total of 1789 servicemen and 42 vehicles in 5 types in high-risk areas.

Table of Pre-Deployed Military Emergency Response Forces on Taiwan					
Area	3rd Combat Zone (North)	5th Combat Zone (Central)	4th Combat Zone (South)	2nd Combat Zone (East)	Total
Location					
Pre-deployed Personnel	352 people	8 people	1048 people	381 people	1789 people
Pre-deployed vehicles	2 types, 14 vehicles	1 types, 2 vehicles	2 types, 26 vehicles	0 types, 0 vehicles	5 types, 42 vehicles