

## Key Points:

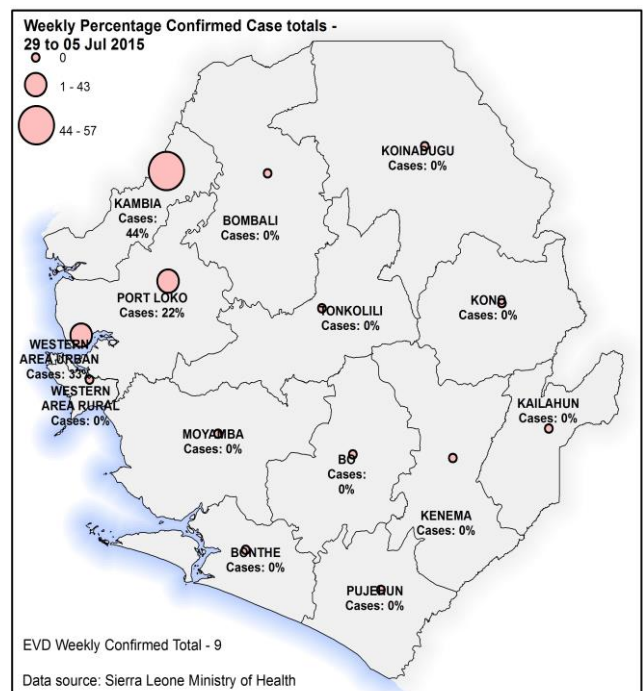
- **Nine cases were confirmed EVD+ during the reporting week.** Three from Western Area Urban, two in Port Loko and four in Kambia district. Three of the cases were swab positives and 6 live blood cases
- **The NERC is monitoring 9 EVD events across the country.** One in Western Area Urban and 4 each in Kambia and Port Loko district
- **The NERC principals and other partners on the 4<sup>th</sup> July 2015 visited Magazine Wharf, the Voluntary Quarantine Facility and the WA ERC.** The purpose of the visit was to assess how the events at Magazine is being managed at the Wharf.
- **A number of households were released from quarantine in Kaffu Bullom and Bureh Kasseh Maconteh(BKM) chiefdoms.** This has led to the closure of five EVD events.
- **Meeting for all Traditional Chiefs was held in Port Loko district.** The purpose was to engage traditional chiefs on the revised by-laws on EVD regulations.
- **There are a total of 1,514 contacts across the country.** Six hundred and sixty seven in Kambia, 526 in Port Loko, 207 in the Western Area Urban and 114 at the Voluntary Quarantine Facility(VQF)

## NATIONAL OVERVIEW

**EVD Epi Update:** During the reporting week, 9 cases were confirmed EVD positive. Three cases from Magazine Wharf, 4 from Kambia and 2 from Port Loko district. Three of the EVD confirmed cases were swab positives with one each recorded in the Western Area Urban, Port Loko and Kambia districts.

Three of the recorded EVD cases were from unknown sources, 1 from a known<sup>1</sup> source and the remaining five from quarantined homes. The 5 EVD cases recorded in quarantined homes has provided a level of confirmation that active surveillance activities are on track and that the EVD is quite contained within given locations.

All 3 cases recorded in the Western Area Urban were from quarantined homes in Magazine Wharf. The third is the case recorded at the Voluntary Quarantine Facility (VQF). A case each was also recorded at quarantined homes in Kombrabai and Kadalo in Port Loko and Kambia districts respectively.



<sup>1</sup> Known source: Not on a contact list or from a quarantined home but must have had recent close contact/interaction with the infected person/s very close to his/her EVD+ confirmation date



There are concerns about the 3 cases that were swab tested positive this week. In the Laya community in Kambia, the DERC reported that community people must have aided or had contact with the bike rider who died in the community and was tested EVD+.

**EVD Events:** The NERC is currently monitoring 9 EVD events across the country with 1 event in the Western Area Urban and 4 each in Port Loko and Kambia districts.

**Summary of EVD Events:**

**Magazine Wharf event, WAU:** This event commenced on 15<sup>th</sup> June following the case of the fisherman from the Magazine Wharf who tested EVD+.

Port Loko DERC is monitoring 4 events in 3 chiefdoms

**Mathianal Banah Village event, Masimera Chiefdom:** This is a new event which commenced on the 1 June, following the EVD+ confirmation of a 50 year old female on 1 June 2015. The source of infection is unknown.

**Mabranka event, Masimera Chiefdom:** This event started on 25<sup>th</sup> June when a 25 year old man was confirmed EVD+.

**Tardi Village event, Kaffu Bullom Chiefdom:** This is the case of the famous traditional healer from Tardi village, who became symptomatic and later admitted at the Mahera Hospital in Lungi.

**Mamusa event, Marampa Chiefdom:** A pregnant woman ran away from the Water Street quarantined home on 27 May was later located in Marampa by the surveillance team. She was subsequently confirmed EVD+ from a swab

Kambia district is monitoring 4 events:

**Laya Village event, Samu Chiefdom:** This event commenced on 29 June when a 22 year old commercial bike rider died in the community and was subsequently confirmed EVD+ from a swab.

**Kambia 1 event, Magbema Chiefdom:** This event commenced on 5 July 2015 when a 33 year old Community Health Worker was confirmed EVD+ and whose source of infection is known.

**Kamango village event, Bramaia Chiefdom:** This event emanated started when a 60 year old woman was confirmed EVD+, and whose epi link can be traced to the Kadalo event which commenced on 30 May.

**Kadalo event, Tonko Limba Chiefdom:** The EVD+ confirmation of a 29 year old practicing herbalist on 30 May was the origin of this event in Kadalo village.

During the reporting week, 5 EVD events were closed. Two events from Port Loko district, Kaffu Bullom Chiefdom (2) and 1 from Bureh Kasseh Maconteh Chiefdom (BKM). The other two are in Magbema and Samu Chiefdoms in Kambia district.

**Other News:**

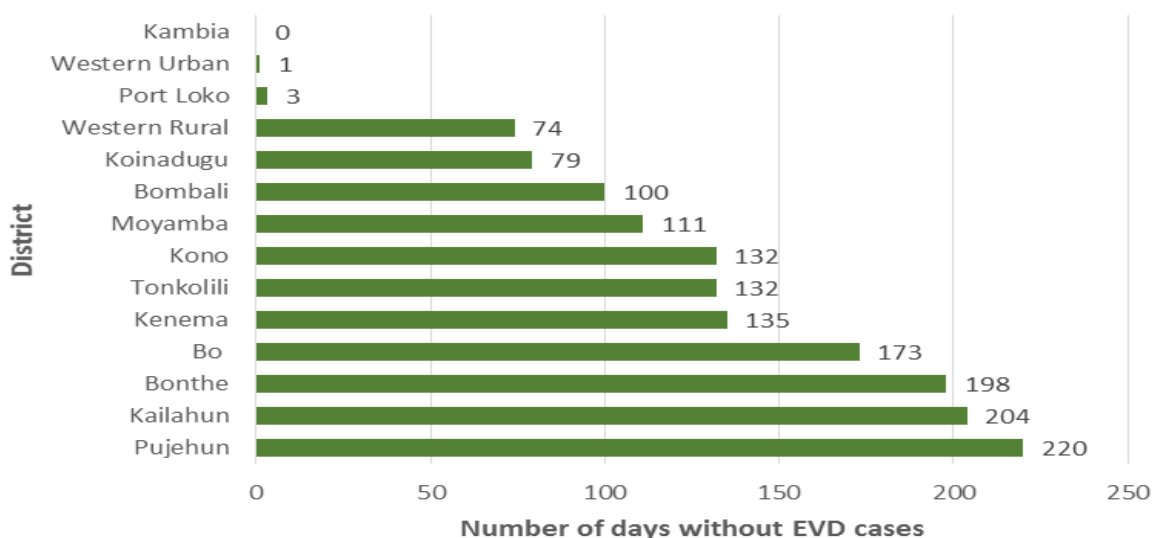
Following the visit of NERC principals and other partners to Port Loko and Kambia district on 27 June, a similar visit was also made to the Voluntary Quarantine Facility (VQF) at Hastings and also to Magazine Wharf in the Western Area on 4 July. The purpose of the visit to the VQF was to assess the current status in



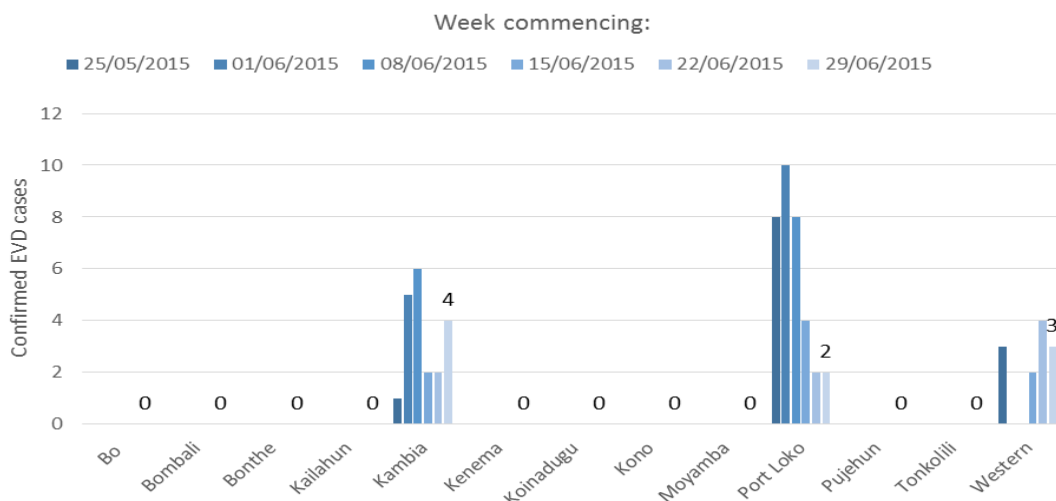
terms of medical and logistical facilities available to address the several high and low risk contacts referred to the facility over the last 2 weeks from Magazine Wharf.

The team further visited Magazine Wharf, to assess how the EVD event is being managed by the Western Area Command Centre(WACC) and its partners. The overall objective of the visit was to update all of the key partners on the response and also to ensure proper coordination between the various partners. A follow up meeting was held at the West WACC on the same day, in order to discuss possible actions that could improve on the operational output in Magazine Wharf.

**District by number of days without EVD cases on 05/7/2015**



**Confirmed EVD Cases by week**  
Number indicates new cases this week per district





## PRIORITY DISTRICTS

### Western Area

2.1 Western Region			New cases this week	3	New cases last week	4
District	w/c 29 June	w/c 22 June	Hotspots			
Western Urban	3	4	Magazine Wharf, Milton Street			

**Epi Update:** During the reporting week, 3 cases were confirmed EVD+ in the Western Area Urban (WAU). Two of the cases were from live blood and one from a positive swab. All cases recorded in the WAU were from quarantined homes including the swab+ case recorded at the VQF at Hastings.

**Event Events:** One EVD event at Magazine Wharf is currently being monitored by the WACC.

**Magazine Wharf Events:** A 4 year old girl was confirmed EVD+ on 1 July when she was found to be symptomatic on the 30 June. She was on the high risk contact list of her 48 year old EVD+ swabbed mother whose status was confirmed on 25 June. As noted in our last newsletter (22<sup>nd</sup>-28<sup>th</sup> June), the mother of the four year old girl passed away at the Government Hospital Lumley, where she tried seeking medical attention whilst she was symptomatic.

Similarly, a 2 year old girl being another daughter from the quarantined home of the 48 year old swabbed+ woman was confirmed EVD+ on 4 July having been on the high risk contact list of her mother. No new contact was quarantined in relation to this case.

Additionally, an 80 year old woman who died in quarantine at the VQF was confirmed EVD+ from a swab on 1 June. She was one of the high risk contact transferred from Magazine Wharf to the VQF and it is reported she had very close contacts with other family members at the VQF before she passed away.

### District Response Activities:

Activities to contain the spread of the EVD within the Magazine wharf clusters are ongoing.

### Kambia

2.2 Northern Region			New cases this week	4	New cases last week	2
District	w/c 29 June	w/c 22 June	Hot spots			
Kambia	4	2	Kadalo, Kagboto, Rosinor, Farama Lane, Laya, Kamango, Kambia 1			

**Epi Update:** Kambia district recorded 4 EVD+ cases during this reporting week. Three of the cases were from live blood test and 1 was a swab. A case each from Kadalo, Laya, Kamango and Kambia 1 villages in all four EVD affected chiefdoms. Three of the cases recorded were from live blood and one was a swab. Two of the cases were from unknown sources, one from a known source being that of male Community Health Worker and the 4<sup>th</sup> from a quarantined home.



**EVD Events:** The DERC is currently monitoring 4 EVD events in the district. One each in Tonko Limba, Bramaia, Samu and Magbema Chiefdoms. This week, two events from Farama Lane, Magbema Chiefdom and Rosinor in Samu Chiefdom were closed with all quarantined contacts released. These two events closed with no contacts becoming symptomatic and falling ill.

**Kadalo Village event, TL Chiefdom:** A 22 year old male from a quarantine home and on a contact list was confirmed EVD+ from a live blood on 29 June after becoming symptomatic on 26 June.

**Kamango village event, Bramaia Chiefdom:** A 60 year old woman from Kamango village, Bramaia Chiefdom was confirmed EVD+ on 1 July from a live blood test. The epilink of her infection is from her daughter who was confirmed EVD+ on 16 June at Kadalo village, in Tonko Limba Chiefdom. The 60 year old woman is reported to have travelled from Kamango to Kadalo village and had cared for her daughter whilst she was symptomatic. The daughter responded positively to treatment and is now an EVD survivor. The 60 year old woman was not identified as one of the contacts of her daughter, until her return to Kamango village where she became symptomatic and confirmed EVD+. She died on 4 June.

**Laya Village event, Samu Chiefdom:** A 22 year old male commercial bike rider was confirmed EVD+ swab on 29 June and subsequently died in the community. He is reported to have been the Okada rider who transported 2 high risk contacts that had escaped quarantine from Royinkeh village, Port Loko district in early June 2015. Both high risk contacts were transported to Rosinor village in Bramaia chiefdom, Kambia. The 22 year old male was not initially identified as a contact concerning the latter case. Due to his role as a commercial bike rider, 32 contacts, 13 being high risk have been line listed across four villages; Laya, Konta, Bathcum and Laya Mantmerant.

**Kambia 1 event, Magbema Chiefdom:** A 33 year old male Community Health Worker at the IMC ETU was confirmed EVD+ on 5 July. Although not from a quarantined home or a contact list, his source of infection is known considering his role in the ETU. The DERC reported that he became ill on 1 July and was advised by work colleagues to seek medical assistance. When he did not report for work for the next three consecutive days, a member of staff from the ETC visited him and discovered he had been privately treating himself for Malaria. He went to the ETC by an Okada rider for medical attention and was later transferred to the Kerry Town Treatment Unit (KTTU) for further medical attention. Following this case, 5 households and 10 contacts have been quarantined including 3 friends who visited him whilst symptomatic.

### **District Response Activities**

Active surveillance has been established in all of the areas where the new cases had been recorded. Surveillance personnel have been deployed to those areas to carry out contact tracing and investigation into other possible contacts relating to the cases. Quarantining of households that are newly affected with EVD is proving successful.

### **Status of implementation on Operation Northern Push (ONP)**

A 'training of trainers' course on EVD health screening was conducted by IOM and CDC in Magbema Chiefdom. The training mainly aimed at improving on IPC and health screening at checkpoints.

Community engagement and sensitization were intensified during the reporting week. This community sensitization action led to the discovery of a sick man from Kawula village whose case was alerted by



community people. The DERC reported that sick man had been hiding for 3 weeks in a home in Mambolo chiefdom.

A mobile shop has been established in Kagboto and Kadalo for quarantined contacts, with the aim of enabling them to purchase cigarettes and beverages.

Two additional toilets have been constructed in Kagboto and Kadalo villages in order to limit body contacts between quarantined contacts and to further contained the spread of the EVD

Surveillance teams continued to visit health facilities and also the silent sections especially those that share boundaries with the affected communities. Community monitoring teams have also been established in silent areas.

There has been some construction of some quarantine accommodation in Kamango, Bramaia chiefdom to ensure proper security and also to prevent further escape of contacts. This initiative as communicated by the DERC is aimed at preventing further transmissions of EVD virus within the communities.

The MOU established between Forecariah prefecture and Kambia is reported to be effective and there has been positive results. A Cross-border inter-district online database has been established for missing contacts and for cross-border notifications.

### Port Loko

2.3 Northern Region			New cases this week	2	New cases last week	2
District	w/c 29 June	w/c 22 June	Hot spots			
Port Loko	2	2	Mabranka, Royinkeh, Kombraibai			

**Epi Update:** During the reporting week, 2 cases were confirmed EVD+ with one from live blood result recorded in a quarantined home in Mabranka village. The other was from an EVD swab+ and from an unknown source was recorded in Mathianal Banah Village. The case in Mathiana Banah village is the start of the second EVD event in Masimera chiefdom.

**EVD Events:** The DERC is monitoring 4 EVD events in 3 chiefdoms across the district. Two in Masimera and 1 each in Kaffu Bullom and Marampa chiefdoms

During the reporting week, the DERC closed 3 EVD events. Contacts from 10 households from the Water Street event, Rotifunk Kaffu Bullom Chiefdom which commenced on the 3<sup>rd</sup> May 2015 were finally released from quarantine on 1 July. Twenty two contacts tested EVD+ from this event. Twelve are currently EVD survivors and 10 died.

Additionally, 2 quarantined contacts from the Royinkeh village event at Bureh Kasseh Maconteh chiefdom which commenced on 6 June were also released on 1 July. Six of the contact who tested EVD+ from this event are all reportedly dead.

Furthermore, the event that featured the EVD Ambulance driver at Kaffu Bullom has also been concluded. The epilink of his infection was not established until the event closed. No household were put under quarantine concerning his case.



**Kombrabai Event, Maforki Chiefdom:** A 13 year old girl who was a high risk contact in a quarantined home at Kombrabai Q11 village became symptomatic on the 28 June and was confirmed EVD+ on the 29 June from a live blood test. As reported in our newsletter (15-21 June), a pregnant female contact ran away from the Water Street quarantined home in Kaffu Bullom, travelled to Kombrabai and stayed in the home of the 13 year old girl during the period 5 -14 June.

**Mathianal Banah Village event, Masimera Chiefdom:** AK 50 year old female became symptomatic on the 26 June reported to the Mataineh Peripheral Health Unit (PHU) on 29 June where she was isolated and treated. It was reported that her health condition deteriorated and she eventually died on the 1 July, with an EVD+ swab result. The source of her infection is unknown. The DERC is continuing to investigating to the source of the infection.

### **Status of Implementation of Operation Northern Push (ONP)**

As a follow up to the meeting held for paramount chiefs by the DCs last week, which was aimed at highlighting the revised by-laws on EVD regulations in Port Loko; a similar meeting was organised by the Paramount chief for all Traditional Chiefs in the district. The revised regulations were discussed with all present with the aim of ensuring that implementers have a deeper understanding and interpretation of its provisions and avoid any potential misinterpretations by the general public.

Neighbourhood watch groups have also been formed in communities identified as 'high risk'. These included Bundulai and Pepel town. The purpose is to encourage community people to make sick and death alerts to the appropriate authorities and also report cases of illegal burial in the community.

A meeting was held with the Masimera village headman and a cross section of bike riders during the reporting week. The purpose was to discourage bike riders from transporting sick people throughout the district. The bike riders were further encouraged to play a very active role in the response by reporting anyone who tried to move out with sick people that have been hidden for possible transportation.

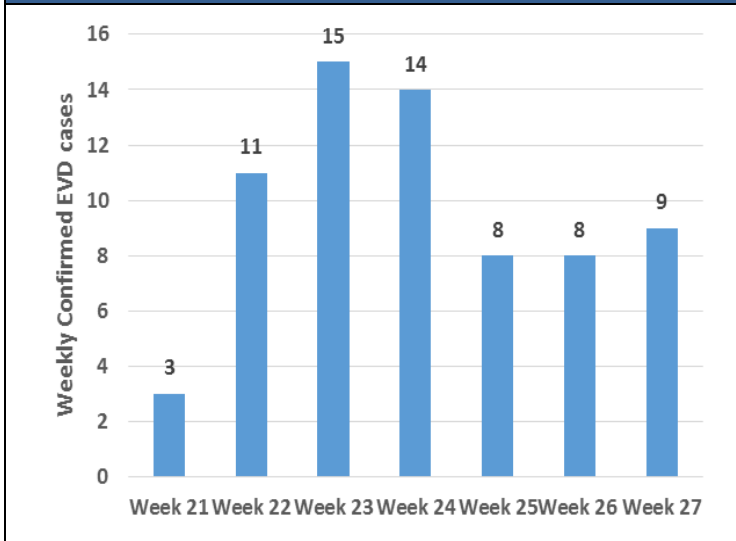
The planned assessment on the quarantining processes in Kombrabai and Mamusa clusters have been completed by DfID.

The DERC undertook a search of a missing contact from Kambia who allegedly travelled to Sanda Mabolongton Chiefdom, one of the 'silent locations' in the district. Although the missing contact search proved futile, a greater security focus has now been placed on the border areas.





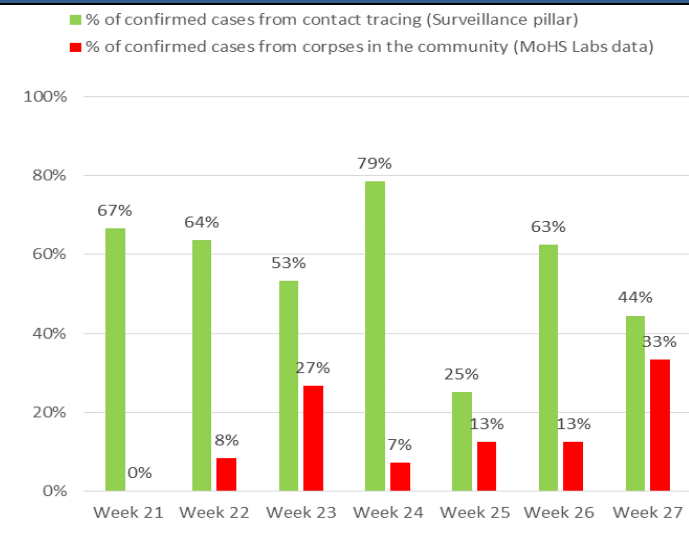
**Daily average new confirmed cases, by week**  
(Source: Surveillance Pillar/ MoHS Labs Data)



**Percentage of weekly confirmed cases by district, by week**  
(Source: MoHS)

District	W/C 25 May	W/C 01 Jun	W/C 08 Jun	W/C 15 Jun	W/C 22 Jun	W/C 29 Jun
Kailahun	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kenema	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kono	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kambia	8.33%	33.33%	42.86%	25.00%	25.00%	44.44%
Koinadugu	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombali	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Tonkolili	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Port Loko	66.67%	66.67%	57.14%	50.00%	25.00%	22.22%
Pujehun	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bo	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Moyamba	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bonthe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Western Combined	25.00%	0.00%	0.00%	25.00%	50.00%	33.33%

**Indicators of control, by week**  
(source: Surveillance Pillar/MoHS Labs Data)



**Treatment and holding bed capacity**  
(Source: DERC Daily R2)

District	W/C 25 May	W/C 01 Jun	W/C 08 Jun	W/C 15 Jun	W/C 22 Jun	W/C 29 Jun
Bo	25	23	23	23	23	23
Bombali	183	206	160	160	160	160
Bonthe	7	8	7	7	7	8
Kailahun	48	42	48	42	42	42
Kambia	30	30	30	30	30	30
Kenema	20	20	20	20	20	20
Koinadugu	22	24	27	23	20	20
Kono	48	62	48	55	48	48
Moyamba	10	10	10	10	10	10
Port Loko	106	106	106	106	106	106
Pujehun	8	10	9	8	9	8
Tonkolili	19	19	19	19	19	19
Western Area Combined	235	205	253	246	234	237

**Total EVD alerts vs visits & dead body alert vs safe burials, by week**  
(Source: DERC Daily R2)

	18/05/2015	01/06/2015	08/06/2015	15/06/2015	22/06/2015	29/06/2015
EVD Alerts	356	370	346	375	520	480
Alert Response	348	365	346	371	519	471
<b>% response</b>	<b>98%</b>	<b>99%</b>	<b>100%</b>	<b>99%</b>	<b>100%</b>	<b>98%</b>
Dead Body Alerts	1511	1606	1721	1614	1665	1710
Safe Burials	1481	1585	1676	1631	1657	1682
<b>% response</b>	<b>98%</b>	<b>99%</b>	<b>97%</b>	<b>101%</b>	<b>100%</b>	<b>98%</b>

**Average households in quarantine, by week**  
(Source: DERC Daily R2)

