



Vitals Tracking – COVID 19 Response

Why do Care Providers Need Vcare Vitals Tracking

- **Record vitals of service-users** with easy to use app that works in offline mode and on any device.¹
- **Central dashboard to flag high-risk individuals in real-time**, using health information captured within the app.
- **Multi-tiered dashboards enable regional managers, care home / agency HQs and large care groups to see across a large area**, in real-time, aggregated data on the number of high-risk service users based on vitals capture and **NEWS SCORE** (National Early Warning Score) and **COVID SCORE**.²
- **Communicate anonymised population health data to key stakeholders and decisionmakers*** – including local CCGs and NHS Trust providing accurate data of COVID-19 cases in care settings and facilitate early identification of symptoms, and in extreme cases will enable earlier intervention.



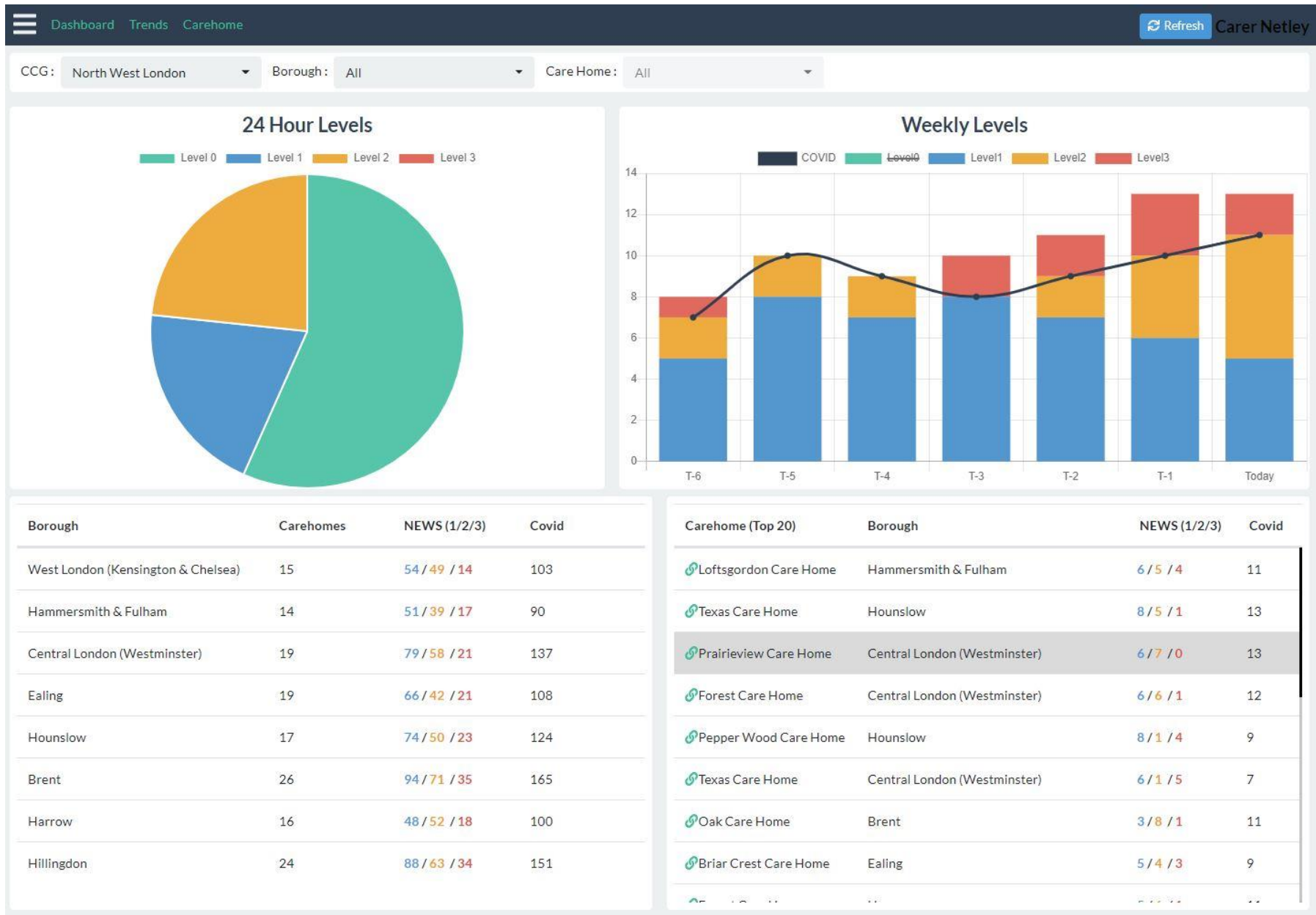
¹ The app can be run on any Android / iOS tablet or mobile phone, Window / Apple laptop Android tablets. Vcare's app will work even where there is poor internet connectivity.

² Permissions are subject to the approval from the care provider

NEWS SCORE Reference : <https://www.vas.nhs.uk/media/2970/nhs-news-document.pdf>

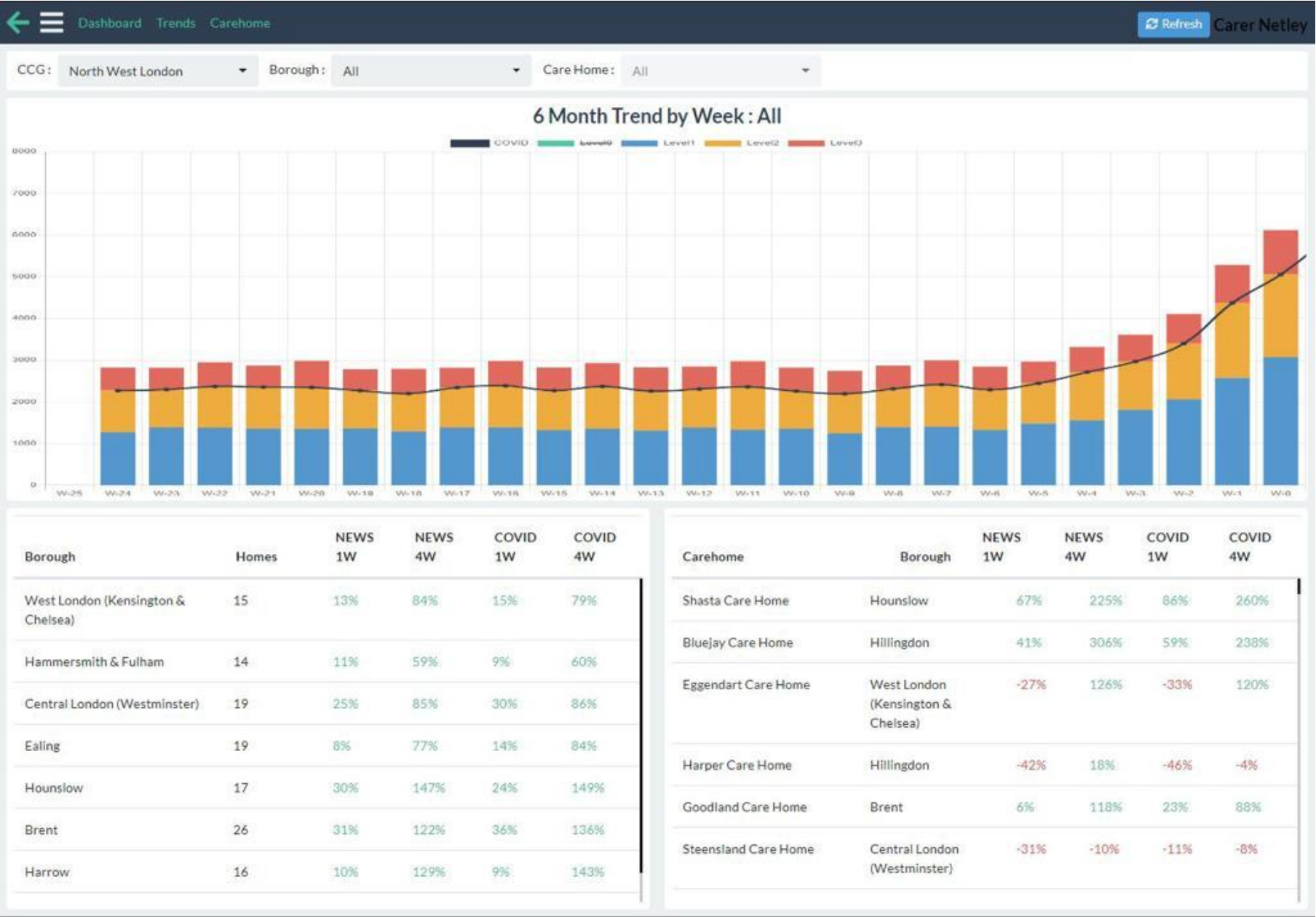
COVID SCORE Reference : <https://www.uclh.nhs.uk/News/Pages/Informationonnonnovelcoronavirus.aspx>

Dashboard for Health Authorities – Local Health Authorities and NHS Trusts



- LIVE dashboard displaying snapshot of NEWS and COVID scores by borough highlighting high risk area.
- NEWS (National Early Warning Score) events analytics for service-users in last-24 hours and last 7-days
- Drilldown on LIVE dashboard providing vital information breakdown by borough showing number of service users at various risk levels.
- Enables clinicians to drill down a particular care home to view details of service users and their vital recordings.

Trend dashboard for Health Authorities – Local Health Authorities and NHS Trusts



- Weekly view of last 6-months trend of NEWS (National Early Warning Scores) of service users and COVID events.
- View trends at CCG or Borough level.
- Show changes over 1-week and 4-weeks by borough and care homes / agencies.

Reports For Care Provider – For Managers and Clinicians



VCARE

Carehomes

Residents

MarStatus

Vitals

Reports

Admin

Search

Admin Manager

Carehome

Friends Retreat Home

From

17/Apr/2020

To

17/Apr/2020

Patient

Statuses

NEWS 0

NEWS 1

NEWS 2

NEWS 3

COVID

Update Report

Generate PDF

Vitals History Report (7)

Search Table

Date	Name	Dob	Room	Vital	Value	WhoUpdated	News Level	Covid Symptom
17/Apr/2020	Micha Bell	01/Sep/1939	150	Body Temperature	37 Celsius	Carer Somoen		
17/Apr/2020	Helen Simpson	19/Sep/1929	106	Body Temperature	37 Celsius	Carer Somoen		
17/Apr/2020	Maggie Smith	01/Feb/1950	107	Body Temperature	37 Celsius	Carer Somoen		
17/Apr/2020	Mark Page	20/Jun/1935	103	Body Temperature	37 Celsius	Carer Somoen		
17/Apr/2020	Michael Duke	12/Dec/1932	105	Body Temperature	38.5 Celsius	Carer Somoen	1	
17/Apr/2020	Steve Robert	05/Mar/1943	101	Body Temperature	35 Celsius	Carer Somoen	3	
17/Apr/2020	Dutch Van Der Linde	15/Apr/1957	115	Body Temperature	37 Celsius	Carer Somoen		

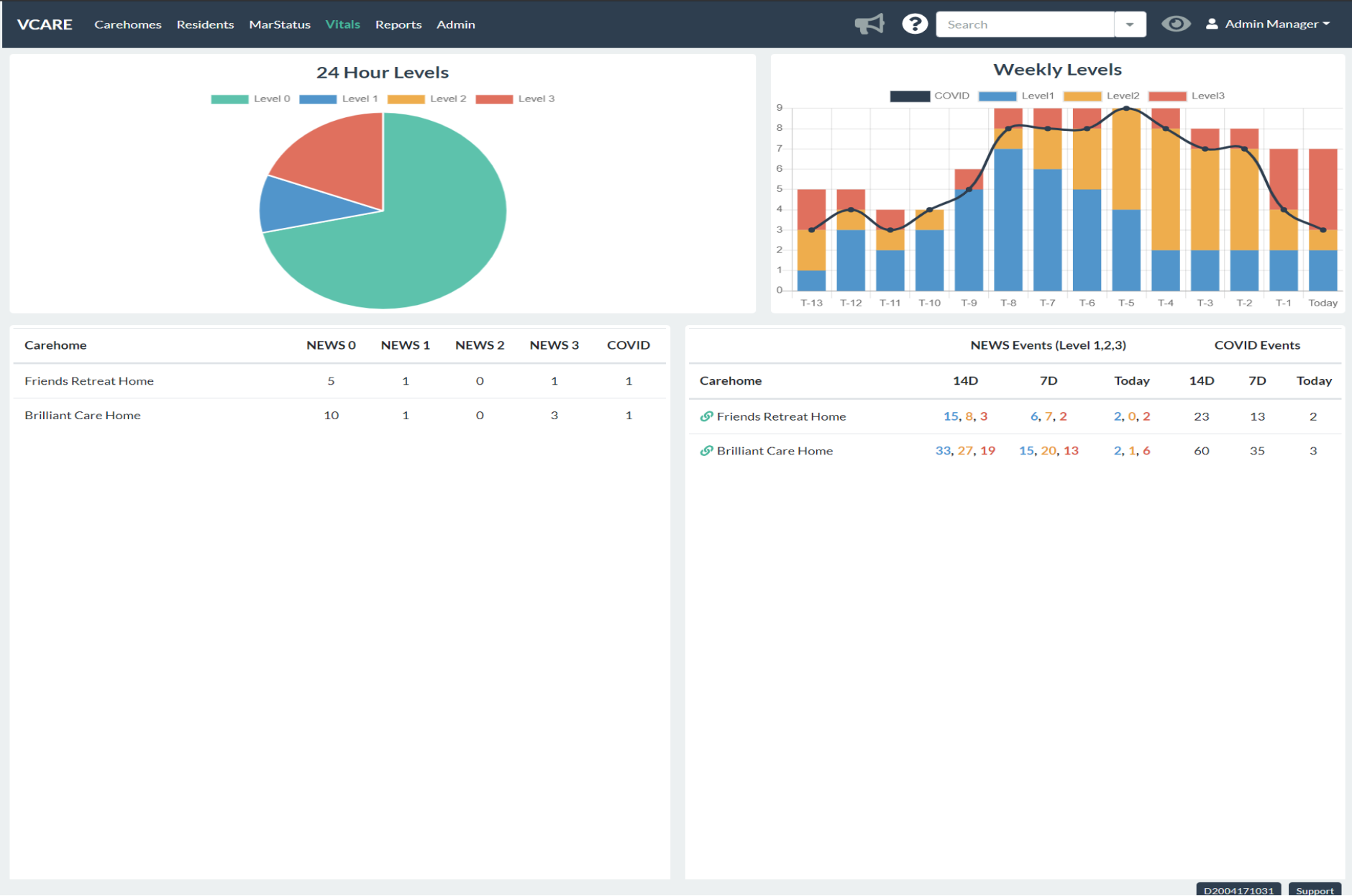
Report Updated

D2004171031

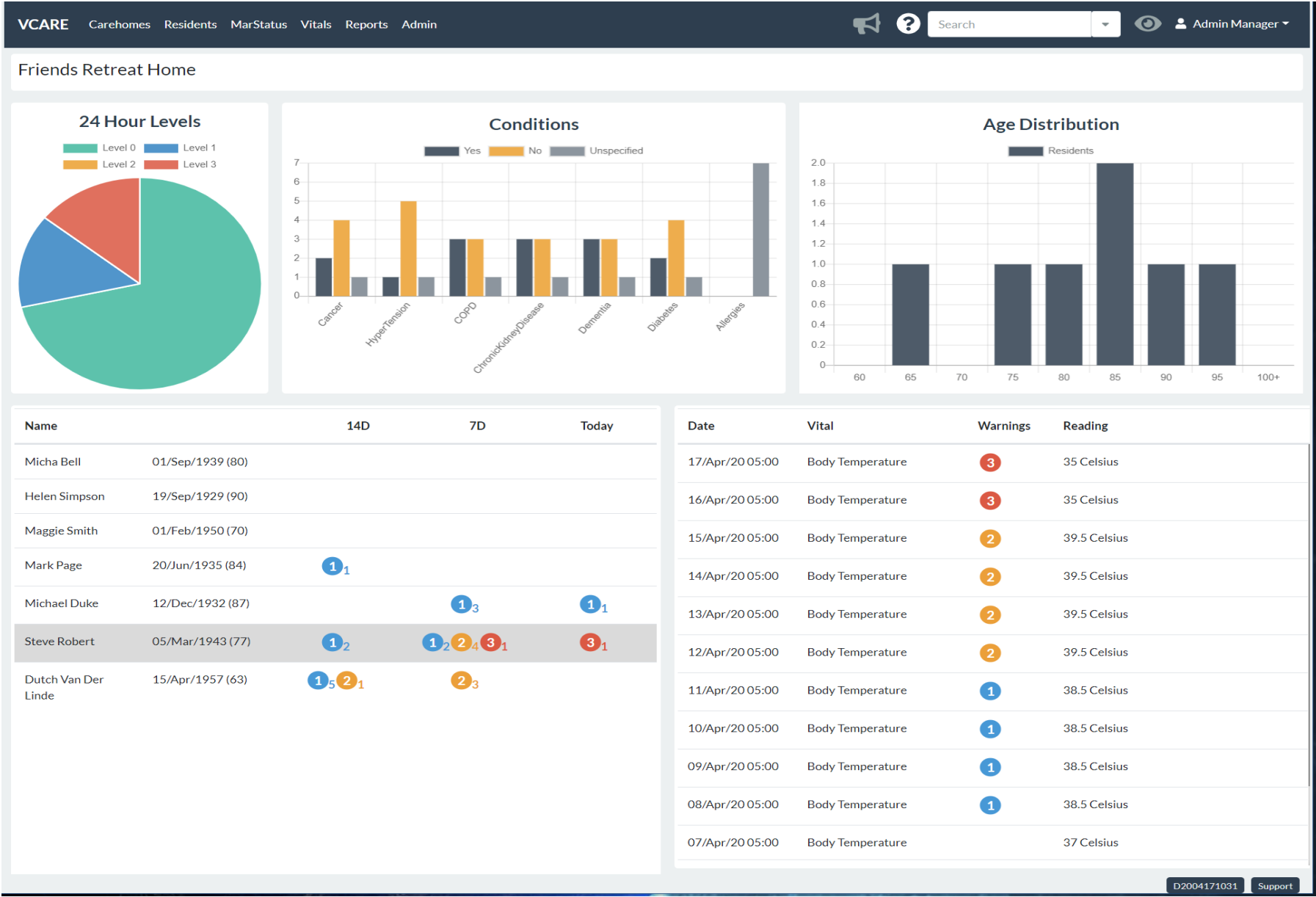
Support

- Automatic Reporting available for regional managers, care home managers or agency manager showing risk levels of residents and their vital reading.

Dashboard for Regional Managers / Care Home Group HQ / Dom Care Agency HQ



Dashboard for Care Home and Care Agencies – For Managers and Clinicians



- View service-users in a table along with their respective NEWS (National Early Warning Score) and important events over previous 24 hours, week and 14 days.
- Quickly review service-user details to view the vitals over a particular period.



Vitals Summary App For Care Staff On Hand-held Devices Or Laptops

VCARE Vitals

Brilliant Care Home

RefreshAdmin Manager

<div><div></div><div>Ben James</div><div>10Mar66</div></div> <div><div>C</div><div>2</div></div>	<div><div></div><div>37</div><div>06:00 (-1)</div></div> <div><div></div><div>37</div><div>06:00</div></div> <div><div></div><div>41.1</div><div>17:21 (-2)</div></div> <div><div></div><div>41.5</div><div>17:23 (-2)</div></div> <div><div></div><div>42</div><div>17:27 (-2)</div></div> <div><div></div><div>42.1</div><div>17:27 (-2)</div></div> <div><div></div><div>60</div><div>14:21</div></div> <div><div></div><div>24</div><div>14:21</div></div> <div><div></div><div>Mild[6]</div><div>15:32</div></div>
<div><div></div><div>Carl Johnson</div><div>04Mar64</div></div> <div><div>C</div><div>2</div></div> <div><div>COVID +</div><div>ISOLATED</div></div>	<div><div></div><div>37</div><div>06:00 (-1)</div></div> <div><div></div><div>36.1</div><div>15:32</div></div> <div><div></div><div>39.3</div><div>15:18 (-2)</div></div> <div><div></div><div>60</div><div>08:08</div></div> <div><div></div><div>100/70</div><div>15:32</div></div>
<div><div></div><div>Catherine DeMedici</div><div>01Sep39</div></div> <div><div>C</div><div>2</div></div>	<div><div></div><div>37</div><div>06:00 (-1)</div></div> <div><div></div><div>37</div><div>06:00</div></div> <div><div></div><div>38.8</div><div>14:54 (-2)</div></div> <div><div></div><div>39.5</div><div>14:54 (-2)</div></div> <div><div></div><div>40.1</div><div>14:54 (-2)</div></div> <div><div></div><div>39.2</div><div>15:03 (-2)</div></div> <div><div></div><div>40.5</div><div>15:04 (-2)</div></div> <div><div></div><div>40.2</div><div>15:08 (-2)</div></div> <div><div></div><div>39.4</div><div>15:09 (-2)</div></div> <div><div></div><div>39.5</div><div>15:12 (-2)</div></div> <div><div></div><div>43</div><div>15:13 (-2)</div></div>
<div><div></div><div>Dave Lister</div><div>01Jan55</div></div> <div><div>C</div><div>2</div></div> <div><div>COVID +</div><div>ISOLATED</div></div>	<div><div></div><div>24</div><div>08:08</div></div>
<div><div></div><div>James Blake</div><div>01Apr20</div></div>	
<div><div></div><div>Jane Shepherd</div><div>01Apr20</div></div>	
<div><div></div><div>Jasper Carrot</div><div>01Feb57</div></div> <div><div>0</div></div>	<div><div></div><div>37</div><div>06:00 (-1)</div></div> <div><div></div><div>37</div><div>06:00</div></div>
<div><div></div><div>Jessie James</div><div>06Feb20</div></div> <div><div>C</div><div>1</div></div>	<div><div></div><div>38.5</div><div>06:00 (-1)</div></div> <div><div></div><div>37</div><div>06:00</div></div>
<div><div></div><div>Jim Jones</div><div>21Mar75</div></div> <div><div>C</div><div>1</div></div> <div><div>COVID +</div><div>ISOLATED</div></div>	<div><div></div><div>37</div><div>06:00 (-1)</div></div> <div><div></div><div>38.5</div><div>06:00</div></div>
<div><div></div><div>John Smith</div><div>26Feb85</div></div> <div><div>C</div><div>2</div></div> <div><div>COVID +</div><div>ISOLATED</div></div>	<div><div></div><div>37</div><div>06:00 (-1)</div></div> <div><div></div><div>37</div><div>06:00</div></div> <div>↓ Scroll for more items below ↓</div>

- Simple vitals app used by care staff showing list of service users and their last 24-hours vitals
- Summary page on the app which shows since how many days a service users shows COVID symptoms for example -  also shows NEWS score for each service-user for example - 

Vitals Summary App For Care Staff On Hand-held Devices Or Laptops



VCARE Vitals

←

Brilliant Care Home

Refresh

Admin Manager

Jim Jones

21Mar75

Record

Name	DOB	Status
Jim Jones	21/Mar/1975	Active

Edit Details

Covid + 14/Mar/2020

In Isolation

Edit Profile

Cancer ✓

Chronic Obstructive Pulmonary Disease ✕

Chronic Kidney Disease ✕

Dementia ✓

Diabetes ✕

Hypertension ✕

In Dialysis ✓

Body Temperature

+ Record

37 CelsiusAdmin Manager20Apr 06:00 [20Apr 06:00]

38.5 CelsiusAdmin Manager21Apr 06:00 [21Apr 06:00]

Heart Rate

+ Record

Respiration Rate

+ Record

Blood Pressure

+ Record

Pain

+ Record

Cough

+ Record

Oxygen Saturation SpO2

+ Record


Other

+ Record


- Enables care staff to record various vitals along with the profile of the service-users.
- They can also mark whether a service-user is in isolation and if tested positive, the date on which they got tested positive.
- All data collected within the app automatically reported to the management dashboards in real-time.

Vitals Recording For Carers And Nurses On Any Hand-held Tablet Device Or Laptop

- Easy to use app for vitals recording, e.g. body temperature, heart rate, respiration rate, blood pressure, SpO2, Cough levels.


Netley Court Care Home

Refresh
Carer Netley


Mark Jones
05Mar43

Record

Body Temperature
+ Record

37 Celsius

user2 blah

20Apr 06:00 [20Apr 06:00]

37 Celsius

user2 blah

21Apr 06:00 [21Apr 06:00]

Respiration Rate
+ Record

New Respiration Rate

Save

Cancel

Override Entry Time

24

10 15 20 25 30 35 40

24 BPM

Pain
+ Record

New Pain

Save

Cancel

Override Entry Time

None

Mild

Moderate

Severe

Other

Head

Back

Joints

Abdomen

Chest

Other

Abdomen

Chest

Oxygen Saturation SpO2
+ Record

New Oxygen Saturation SpO2

Save

Cancel

Override Entry Time

90

70 76 82 88 94 100

90 Percent

Heart Rate
+ Record

New Heart Rate

Save

Cancel

Override Entry Time

60

30 50 70 90 110 130 150 170 190

60 BPM

Blood Pressure
+ Record

New Blood Pressure

Save

Cancel

Override Entry Time

Systolic

100

70 100 130 160 190

Diastolic

70

70 80 90 100 110

100/70 mmHg

Sitting

Standing

Laying

Cough
+ Record

New Cough

Save

Cancel

Override Entry Time

None

Mild

Moderate

Severe

Persistent

Chesty

Dry

Wheezing

Other
+ Record

New Other

Save

Cancel

Override Entry Time

Diarrhea

Loss of Appetite

Vomiting

Confusion

Loss of mobility

Fatigue

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Why VCare?



VITALS
RECORDING



CONNECTED
SYSTEMS



TRACKING
SYMPTOMS

Objectives

- *Capture early signs of COVID-19 Symptoms to help save lives* ✓
- *Simple to use vital recording* ✓
- *Less paperwork for staff – Reduce pressure on health and care providers* ✓
- *Increased management visibility* ✓
- *Build nationwide accurate data-sets on the effects of the pandemic* ✓
- *Enable rapid resource planning* ✓



THANK YOU FOR YOUR TIME

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