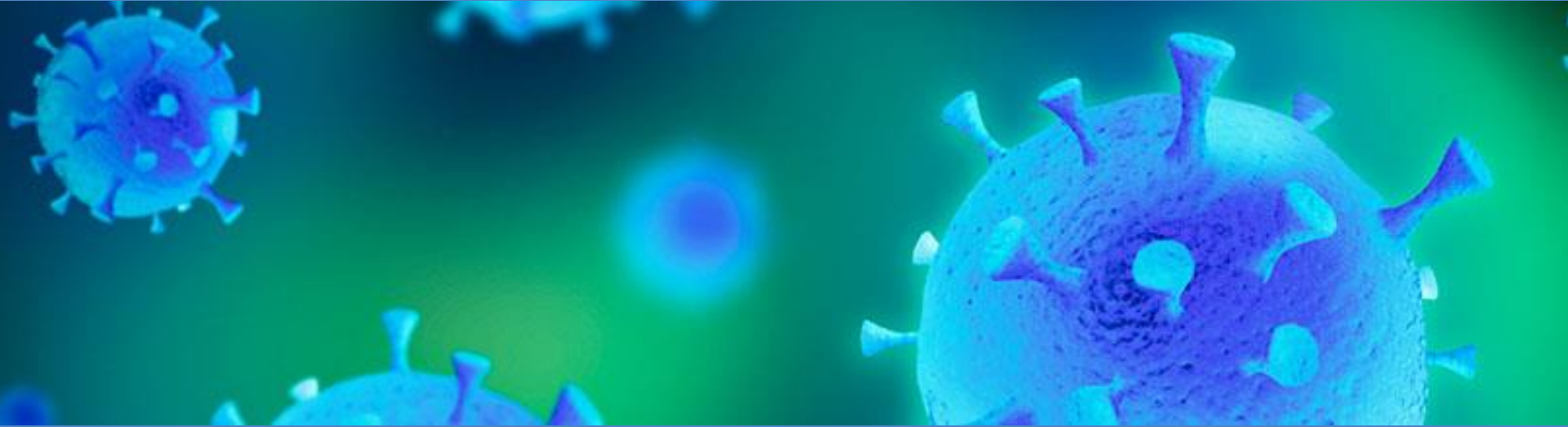


# VCHIP / CHAMP / VDH COVID-19 UPDATES



*Wendy Davis, MD FAAP - Vermont Child Health Improvement Program, UVM*

*Breena Holmes, MD FAAP – Director of Maternal & Child Health, Vermont Department of Health*

*April 8, 2020*



**Vermont Chapter**

INCORPORATED IN VERMONT

American Academy of Pediatrics  
DEDICATED TO THE HEALTH OF ALL CHILDREN®



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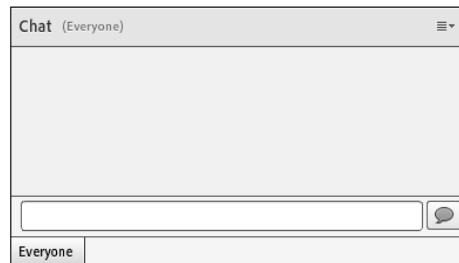
# Technology Notes

## 1) All participants will be muted upon joining the call.

If you dialed in or out, unmute by pressing #6 to ask a question (and press \*6 to mute).

Presenters: Please avoid the use of speakerphone and make sure your computer speaker is muted if you dialed in via phone.

## 2) To ask or respond to a question using the **Chat** box, type your question and click the icon or press Enter to send.



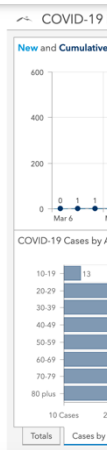
# Overview

- Situation update
  - ▣ VDH website
  - ▣ Surveillance & testing updates
  - ▣ Other updates/resources: Vermont Medicaid, cloth face coverings & PPE
- Pediatric ID Update: Drs. Ben Lee & Bill Raszka (UVM CH & Larner COM Dept. of Pediatrics)
  - ▣ MMWR
- Next up: mother/baby care; essential child care
- Question and Answer

*[Please note: the COVID-19 situation continues to evolve very rapidly – so the information we're providing today may change quickly]*

# VDH Web Site Update

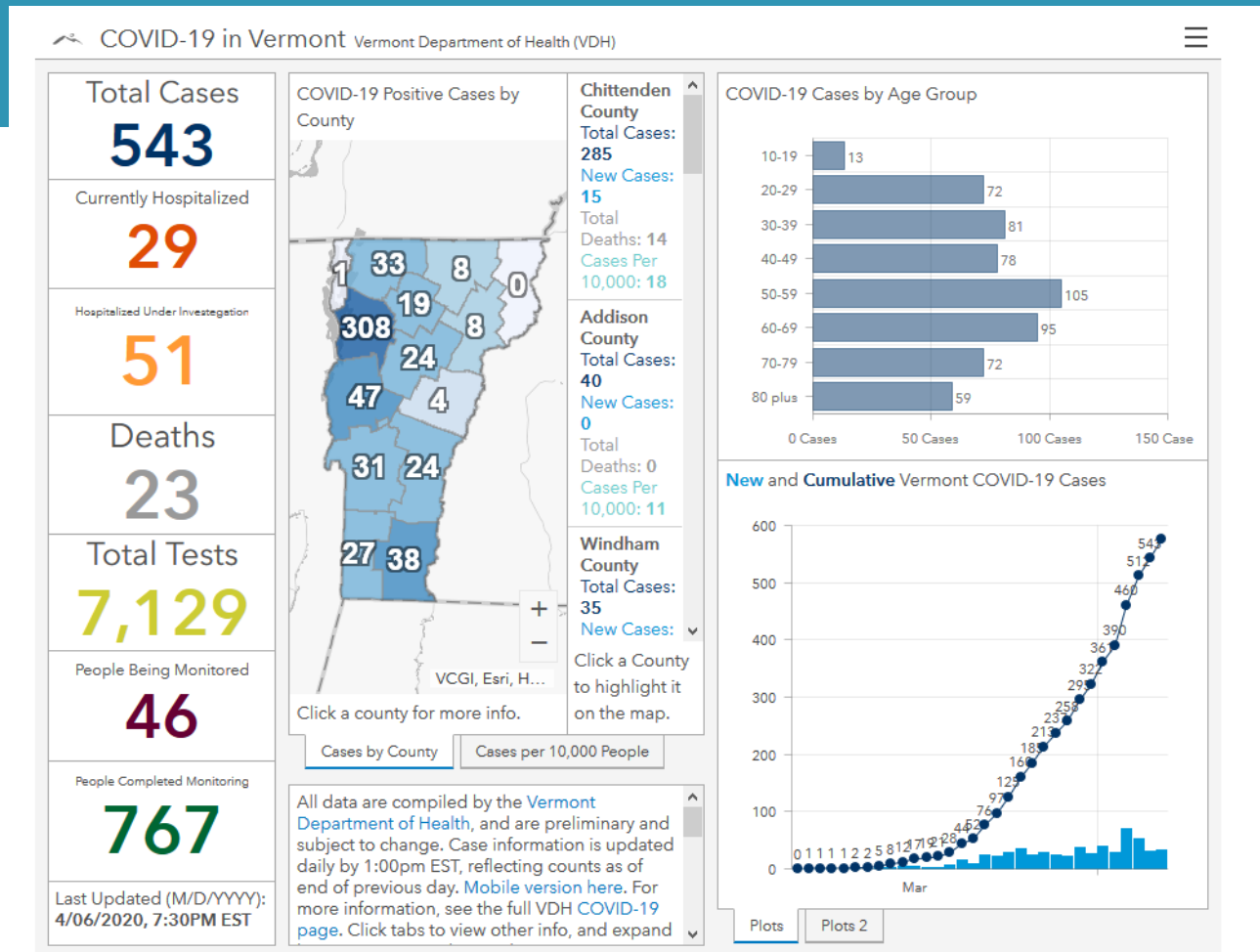
- New resource: COVID-19 data dashboard
  - ▣ Expands core data previously provided, including:
  - ▣ Interactive Vermont map
  - ▣ Cases by data (new/cumulative)
  - ▣ Cases by age group, gender
  - ▣ County-level information: total/new cases, deaths, cases/10,000 people
- List updated by 11 a.m. daily
- Web pages expanded to deliver group-specific content



# COVID-19 in Vermont

## New Data Dashboard Situational Awareness

[healthvermont.gov/covid](https://healthvermont.gov/covid)



# Situation update

Total Cases

**605**

Currently Hospitalized

**35**

Hospitalized Under Investigation

**40**

Deaths

**23**

Total Tests

**7,749**

People Being Monitored

**48**

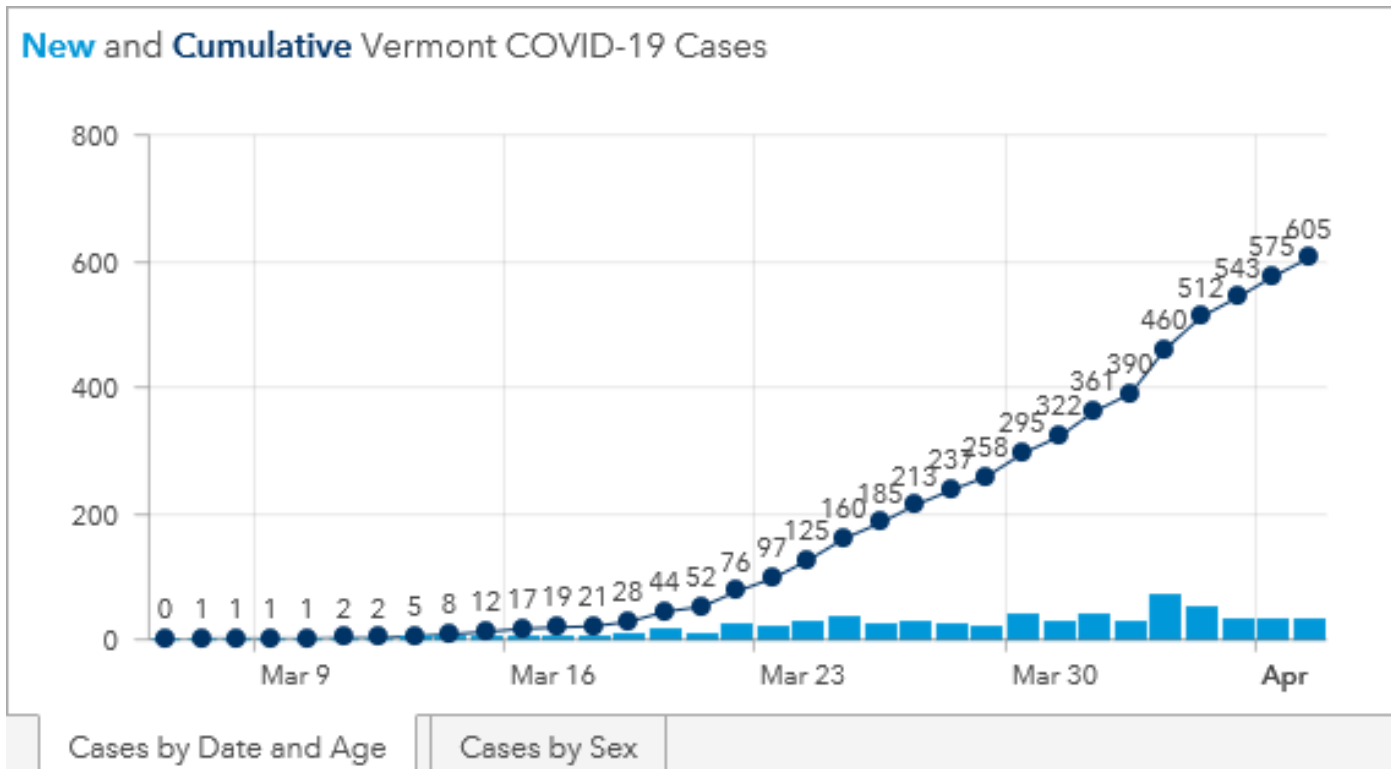
People Completed Monitoring

**773**

Last Updated (M/D/YYYY): 4/08/2020,  
11:00AM EST

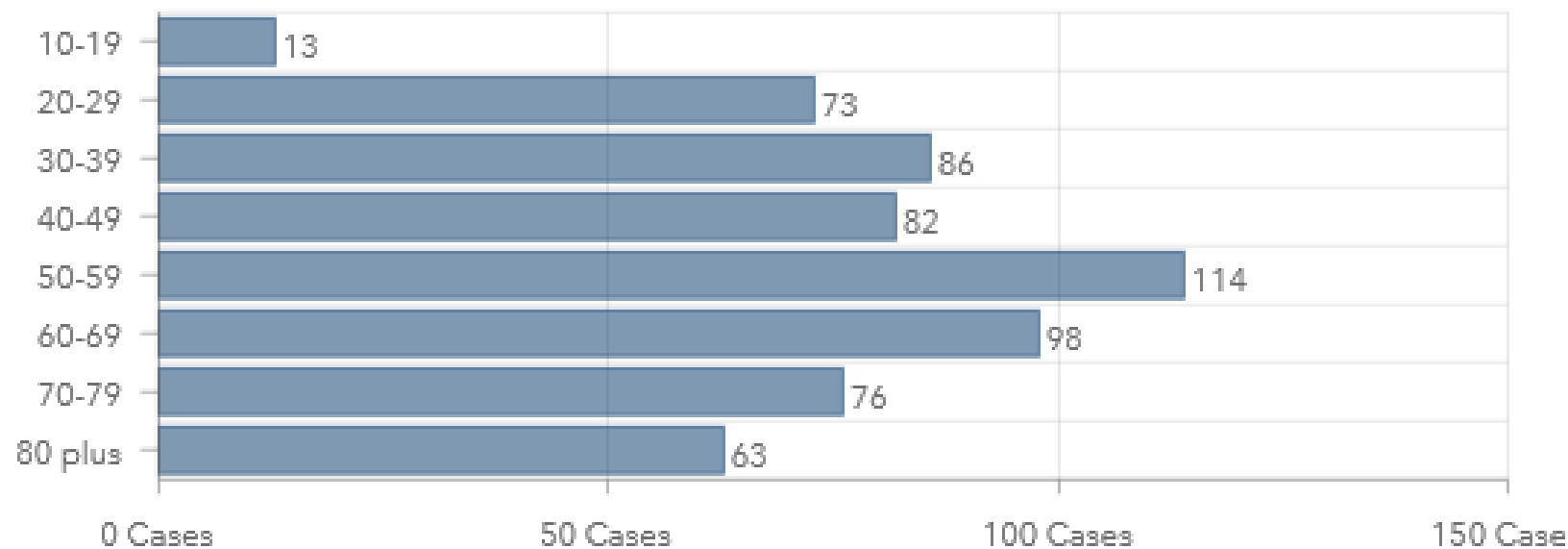
# Situation Update

- Surveillance – current COVID activity in Vermont (updated 4/5/20):



# Situation update

COVID-19 Cases by Age Group





# Testing

- Reminder: recent “liberalization” by Commissioner Levine
  - ▣ Target adults, cont. to include those with mild sx
- Pediatric population
  - ▣ Moderate-severe symptoms & those at highest risk
  - ▣ Ongoing discussion re: children of HCPs
- Abbott rapid test machines:
  - ▣ 15 expected for VT – distribution under discussion (LTC? HCPs?)
  - ▣ Test characteristics unknown; cartridge life/supply?

# DVHA/Medicaid Updates

- ❑ **Medicaid Retainer** (cash flow assistance) – SEE memo 4/3/20:
  - ❑ As of this morning: DVHA had received 26 applications, has done one test for approval/submitted for funding.
  - ❑ Have reviewed another “batch” and sent to the Secretary for approval.
  - ❑ Many still pending: either hadn’t been received before the first round of review or **incomplete** when first received.
  - ❑ VMS (thank you, Stephanie Winters!) requested breakdown of submissions: primary care vs. specialty care, geographic – DVHA working on response.
- ❑ DVHA continues to encourage these applications!
- ❑ **AAP National** aware, will share, & would like to know:
  - ❑ How it’s playing out: are practices applying, any additional info: please email Wendy, [swinters@vtmd.org](mailto:swinters@vtmd.org) & [DWalters@aap.org](mailto:DWalters@aap.org)

# DVHA/Medicaid Updates (cont'd.)

- DVHA plans to issue additional guidance re: pre-approved codes for telephone and telemedicine care to alleviate confusion (we will distribute when available).
- **Premium waiver:** DVHA waiving Dr. Dynasaur monthly premiums as of April 1, 2020, due to the COVID-19 emergency (via Betty Morse, CSHN/VDH).
- **SEE:** DVHA COVID-19 Vermont Medicaid Response to VT General Assembly (4/3/20) – comprehensive summary – we'll distribute in tonight's e-mail and post on VCHIP COVID-19 web page.
- Existing PA end dates will extend addtl. 6 mos. until emergency declaration terminated.

# Cloth face coverings, PPE

- Cloth face covering recommendations (CDC, VDH)
- UVM MC
  - Use in conjunction with all other recommendations such as stay at home, social distancing, etc.
  - For health care providers: wear the cloth face covering while in the public or in the hospital or clinic complex **until** seeing pts.
  - UVMHC and UVMHN now recommend universal use of procedure (surgical) masks during clinical care encounters. Once a HCW begins wearing a surgical mask, they should continue to wear the surgical mask for the duration of time seeing patients.
  - Cloth face coverings are NOT considered PPE. Once the HCW has completed clinical duties and have left the clinical environment, they may resume wearing the cloth face covering until home.

# Pediatric Infectious Disease Update

Benjamin Lee, MD FAAP

William Raszka, MD FAAP

*UVM Children's Hospital & Larner COM Dept. of Pediatrics*



# Coronavirus Disease 2019 in Children — United States, February 12–April 2, 2020

CDC COVID-19 Response Team

Benjamin Lee, MD

William Raszka, MD

University of Vermont Larner College of Medicine

VCHIP/CHAMP

April 8, 2020

# Methodology

- Data submitted to CDC from Feb 12-Apr 2 via electronic surveillance database
- 149,082 cases (99.6%) had age data
- Only a small proportion of cases had full data
  - Hospitalization status known for only 33%
  - Presence of underlying health conditions known for only 13%
  - Reported symptoms known for only 9.4%

# COVID-19 remains rare in children

- 2,572 (1.7%) of all reported cases were children <18 years
  - 71% from NY/NJ
- Median age, 11 years (range, 0-17)
  - 32% aged 15-17
  - 27% aged 10-14
  - 15% aged 5-9
  - 11% aged 1-4
  - 15% aged <1



# Clinical presentation slightly differs from adults

**TABLE. Signs and symptoms among 291 pediatric (age <18 years) and 10,944 adult (age 18–64 years) patients\* with laboratory-confirmed COVID-19 — United States, February 12–April 2, 2020**

Sign/Symptom	No. (%) with sign/symptom	
	Pediatric	Adult
Fever, cough, or shortness of breath <sup>†</sup>	213 (73)	10,167 (93)
Fever <sup>§</sup>	163 (56)	7,794 (71)
Cough	158 (54)	8,775 (80)
Shortness of breath	39 (13)	4,674 (43)
Myalgia	66 (23)	6,713 (61)
Runny nose <sup>¶</sup>	21 (7.2)	757 (6.9)
Sore throat	71 (24)	3,795 (35)
Headache	81 (28)	6,335 (58)
Nausea/Vomiting	31 (11)	1,746 (16)
Abdominal pain <sup>¶</sup>	17 (5.8)	1,329 (12)
Diarrhea	37 (13)	3,353 (31)



# Clinical presentation more variable

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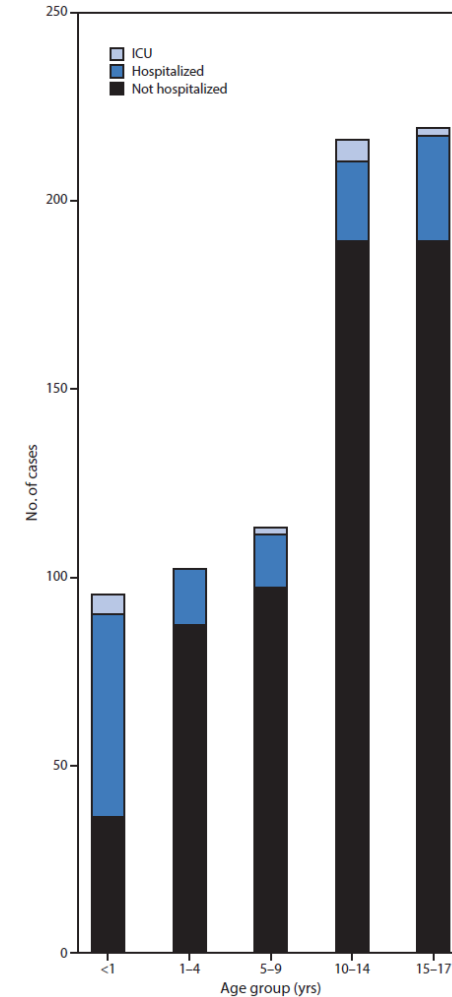
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# Clinical presentation milder

- Hospitalization rate lower in children
  - 6%-20% vs. 10-33% in adults 18-64
  - Infants <1 had highest proportion of hospitalized children
- Hospitalization, ICU admission more common in those with underlying conditions (77% and 100%)
- 3 pediatric deaths
  - Unconfirmed if COVID19 was cause

FIGURE 2. COVID-19 cases among children\* aged <18 years, among those with known hospitalization status (N = 745),† by age group and hospitalization status — United States, February 12–April 2, 2020



# Summary

- Most comprehensive dataset to date for US children
- Infection in children, particularly younger children, continues to be far less common and overall of milder severity, consistent with international data
  - Infants who do become infected may be at slightly increased risk for more severe disease compared to older children
- Children less likely to experience classic symptoms of fever, cough, or SOB

# Upcoming topics

- Mother-baby care:
  - ▣ AAP/VDH
  - ▣ UVM MC, NNEPQIN
  - ▣ WHO?
  
- Updated guidance for provision of essential child care

# Questions/Discussion

- ❑ Q & A Goal: monitor/respond in real time – record/ disseminate later as needed (and/or revisit next day).
- ❑ **For additional questions, please e-mail:**
  - ❑ [vchip.champ@med.uvm.edu](mailto:vchip.champ@med.uvm.edu)
  - ❑ **What do you need** – how can we be helpful (specific guidance)?
- ❑ **VCHIP CHAMP VDH COVID-19 website:**  
[https://www.med.uvm.edu/vchip/projects/vchip\\_champ\\_vdh\\_covid-19\\_updates](https://www.med.uvm.edu/vchip/projects/vchip_champ_vdh_covid-19_updates)
- ❑ Next CHAMP call: ***Thursday, April 9, 2020 12:15-12:45*** (same webinar/call information – invitation to follow)
- ❑ Please tune in to VMS call with Commissioner Levine:  
***Tuesday, April 14, 12:15-12:45***  
**Phone: 1-802-552-8456**  
**Conference ID: 993815551**