

**MEDICAL UNIVERSITY OF SOUTH CAROLINA
BOARD OF TRUSTEES MEETING MINUTES
AUGUST 13, 2021**

The MUSC Board of Trustees convened August 13, 2021, with the following board members present: Dr. James Lemon, Chair; Charles Schulze, Vice-Chair; Terri Barnes; Jim Battle; Bill Bingham; Dr. Melvin Brown; Dr. Fritz Butehorn; Dr. Guy Castles; Dr. Richard Christian; Dr. Paul Davis; Barbara Johnson-Williams; Dr. Donald Johnson; Dr. Murrell Smith; Tom Stephenson; Dr. Bart Witherspoon. MUSC administrative officials present: Dr. David Cole; Kate Azizi; Dr. Patrick Cawley; Annette Drachman; Dr. Ray DuBois; Dr. Lori McMahon; Stewart Mixon; Dr. Lisa Saladin; and Mark Sweatman.

REGULAR AGENDA

Item 1. Call to Order.

There being a quorum present, Chairman Lemon called the meeting to order.

Item 2. Roll Call for the MUHA and MUSC Board of Trustees.

Mark Sweatman called the roll and announced that, "In compliance with FOIA, notice of meetings and agendas were furnished to all news media and persons requesting notification."

Item 3. Date of Next Meeting.

The date of the next regular meeting of the MUSC/MUHA Board of Trustees is October 8, 2021.

Item 4. Approval of Minutes.

Chairman Lemon called for a motion to the approve the meeting minutes of May 14, 2021, June 25, 2021, and July 22, 2021.

Board Action: A motion was made by Mr. Schulze, was seconded, voted on and unanimously carried.

RECOMMENDATIONS AND INFORMATIONAL REPORTS OF THE PRESIDENT

Item 5. Other Business.

None.

RESEARCH & INSTITUTIONAL ADVANCEMENT COMMITTEE - CHAIR: MS. TERRI BARNES (*Detailed minutes attached*)

Item 6. Development Update.

Ms. Barnes reported that Kate Azizi, Vice President for Institutional Advancement, updated the committee on development activities through June 30, 2021.

Board Action: Received as information.

Item 7. **Development Update.**

Ms. Barnes made a motion to approve the naming request for “The Harvey and Marcia Schiller Center for Surgical Innovation at MUSC.”

Board Action: The motion made by Ms. Barnes was seconded, voted on and unanimously carried.

Item 8. **MUSC Foundation Report.**

Ms. Barnes reported that Stuart Ames, CEO, MUSC Foundation, gave a FY2021 year-end update and shared FY2022 goals for the MUSC Foundation.

Board Action: Received as information.

Item 9. **Office of Research Report.**

Ms. Barnes reported that Dr. Lori McMahon, Vice President for Research, gave a brief report on MUSC’s research activities.

Board Action: Received as information.

Item 10. **Other Committee Business.**

None.

EDUCATION, FACULTY & STUDENT AFFAIRS COMMITTEE - CHAIR: MS. BARBARA JOHNSON-WILLIAMS
(Detailed minutes attached)

Item 11. **Provost Report.**

No report.

Item 12. **New Program Proposal for Master of Science in Genetic Counseling (MS).**

Ms. Barbara Johnson-Williams made a motion to approve the new program proposal for Master of Science in Genetic Counseling (MS).

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 13. **Other Committee Business.**

None.

FINANCE & ADMINISTRATION COMMITTEE - CHAIR: MR. JAMES A. BATTLE, JR. (*Detailed minutes attached*)

Item 14. Medical University of South Carolina (MUSC) Financial Report.

Mr. Battle reported that Patrick Wamsley, Chief Financial Officer, MUSC, gave an update on MUSC's financial status through June 30, 2021.

Board Action: Received as information.

Item 15. FY2022 MUSC and AHEC Budgets for Approval.

Mr. Battle made a motion to approve the FY2022 budgets for MUSC and AHEC.

Board Action: The motion made by Mr. Battle was seconded, voted on and unanimously carried.

Item 16. MUSC Physicians Financial Report.

Mr. Battle reported that Eva Greenwood, Chief Financial Officer, MUSC Physicians, gave an update on MUSC Physician's financial status through June 30, 2021.

Board Action: Received as information.

Item 17. FY2022 MUSC Physicians Operating Budget for Information.

Mr. Battle reported that Ms. Eva Greenwood, presented the FY2022 MUSC Physicians Operating Budget for information.

Board Action: Received as information.

Item 18. FY2022 MUSC Physicians Budget for Capital Asset Purchases in Excess of \$50,000 for approval.

Mr. Battle made a motion to approve the FY2022 MUSC Physicians Budget for Capital Asset Purchases in Excess of \$50,000.

Board Action: The motion made by Mr. Battle was seconded, voted on and unanimously carried.

Item 19. Diversity & Inclusion Update.

Report deferred to October.

Item 20. Other Committee Business.

None.

OTHER BUSINESS FOR THE BOARD OF TRUSTEES

Item 21. FY2020-2021 Performance Evaluation of MUSC President.

Chairman Lemon stated that this item was discussed in executive session.

Board Action: Received as information.

Item 22. Approval of Consent Agenda.

Approval of the consent agenda was requested.

Board Action: Mr. Schulze made a motion for the approval of the consent agenda in its entirety. The motion was seconded, voted on and unanimously carried.

Item 23. Executive Session.

A motion was made by Mr. Jim Battle to move into closed session to discuss the following items pursuant to sections 30-4-70(a) of the South Carolina Code for the following:

- Negotiations of pending contracts related to the expansion of clinical services, possible sale or purchase of real property;
- Receipt of information and legal advice regarding development of information security personnel or devices, liabilities, claims and possible settlement of legal matters, or other matters covered by the attorney/client privilege; and
- Discussion of personnel matters.

Board Action: The motion made by Mr. Battle was seconded, vote on and unanimously carried. Chairman Lemon announced that the Board of Trustees will move into closed session following the conclusion of the MUSC Board of Trustees Regular Agenda.

Item 24. New Business for the Board of Trustees.

None.

Item 25. Report from the Chairman.

None.

CONSENT AGENDA

EDUCATION, FACULTY & STUDENT AFFAIRS COMMITTEE: MS. BARBARA JOHNSON-WILLIAMS, CHAIR

Item 26. Sabbatical Leave.

The following sabbatical leave request was presented for approval:

College of Health Professions - Patty Coker-Bolt, Ph.D., OTR/L, FNAP, FAOTA, eight-month sabbatical leave beginning May 1, 2022, through December 31, 2022.

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 27. Endowed Chair Appointments.

The following appointments to Endowed Chair were presented for approval.

College of Medicine

Mark Hassid, M.D., Associate Professor for appointment to the Charles T. Wallace, M.D. Endowed Chair for Pediatric Anesthesiology, effective July 1, 2021.

Daniel P. Judge, M. D., Professor for appointment to the Edwin W. and Teresa H. Rogers Endowed Chair for Cardiovascular Research, in the Department of Medicine, Division of Cardiology, effective August 13, 2021.

Albert Craig Lockhart, M.D., MHS., Professor for appointment to the Blatt Ness Endowed Chair in Oncology, effective April 1, 2021.

Oleg Palygin, Ph.D., Associate Professor for appointment to the SmartState MUSC Renal Disease Biomarkers Endowed Chair, effective July 1, 2021.

Scott Sullivan, M.D., Professor, in the Department of Ob/Gyn, for appointment to the Spaulding-Paolozzi Endowed Chair for Ob/Gyn, effective August 13, 2021.

Ravi Veeraswamy, M.D., Professor in the Department of Surgery, for appointment to the Elliott-Robison Endowed Chair in Vascular Surgery, effective August 13, 2021.

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 28. **Change in Faculty Status.**

The following changes in faculty status were presented for approval.

College of Medicine

Shean J. Aujla, M.D., from Associate Professor to Clinical Associate Professor in the Dept. of Pediatrics, Division of Pediatric Pulmonary Medicine, effective May 1, 2021.

Chanita Hughes-Halbert, Ph.D., from Professor to Adjunct Professor, in the Department of Psychiatry and Behavioral Sciences, effective July 1, 2021

Susan C. Harvey, M.D., from Associate Professor to Clinical Associate Professor, in the Department of Anesthesia and Perioperative Medicine, effective May 14, 2021.

Daria Ilatavskaya, Ph.D., from Associate Professor to Adjunct Associate Professor, in the Department of Regenerative Medicine and Cell Biology, effective July 1, 2021.

Yukiko Sugi, Ph.D. from Associate Professor to Adjunct Associate Professor, in the Department of Regenerative Medicine and Cell Biology, effective July 1, 2021.

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 29. **Affiliate Faculty Appointments.**

The following affiliate faculty appointments were presented for approval.

James B. Edwards College of Dental Medicine

J. Mark Barry, DDS, MBA, Affiliate Professor, in the James B. Edwards College of Dental Medicine, Department of Stomatology, Division of Oral Medicine, effective July 1, 2021.

Chad S. Webb, DDS, MS, Affiliate Associate Professor, in the James B. Edwards College of Dental Medicine, the Department of Orthodontics, effective June 1, 2021.

College of Medicine

Gauri Dhir, M.D., as Affiliate Associate Professor, in the College of Medicine, Department of Family Medicine, effective July 1, 2021.

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 30. Faculty Appointments.

The following faculty appointments were presented for approval.

College of Medicine

Lori L. McMahon (Wakefield), Ph.D. as Professor **with Tenure**, on the Academic Investigator track, in the College of Medicine, Department of Neuroscience, effective July 1, 2021. She will also serve as Vice President for Research at MUSC.

Oleg Palygin, Ph.D., as Associate Professor, on the Academic Investigator track, in the Department of Medicine, Division of Nephrology, with dual appointment as Associate Professor, in the Department of Regenerative Medicine and Cell Biology, effective July 1, 2021. Dr Palygin's primary appointment will rest in the Department of Medicine, Division of Nephrology. Dr. Palygin will also hold the SmartState MUSC Renal Disease Biomarkers Endowed Chair, effective July 1, 2021.

David Park, M.D., as Associate Professor, on the Clinician Educator track, in the Department of Pathology and Laboratory Medicine, effective August 2, 2021.

LalithKumar Solai, M.D., as Professor, on the Clinician Educator track, in the Department of Psychiatry and Behavioral Sciences, effective July 1, 2021.

James B. Edwards College of Dental Medicine

Sophie Paczesny, M.D., Ph.D., [joint appointment] as Professor in the Department of Oral Health Sciences, effective June 1, 2021. Dr. Paczesny's primary appointment rests in the Department of Microbiology and Immunology, in the College of Medicine.

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 31. Emerita/Emeritus.

The following requests for emerita/emeritus status were presented for approval.

Gil Boissonneault, Ph.D., PA-C, from Professor to Professor Emeritus, in the College of Health Professions, Department of Physician Assistant Studies, effective July 1, 2021.

Debora D. Brown, D.P.T., from Professor to Professor Emerita, in the College of Health Professions, Department of Rehabilitation Sciences, effective July 17, 2021.

Jane M. Charles, M.D., from Professor to Professor Emerita in the College of Medicine, Department of Pediatrics, Division of Developmental/Behavioral Pediatrics, effective July 1, 2021

Lisa Montgomery, MHA, from Instructor to Instructor Emerita, in the College of Health Professions, Department of Health Studies, effective July 1, 2021.

Lynne Nemeth, Ph.D., RN, from Professor to Professor Emerita, in the Department of Nursing, College of Nursing, effective August 31, 2021.

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 32. Distinguished University Professor.

The following request for distinguished university professor was presented for approval.

Paul R. Lambert, M.D. as Distinguished University Professor, in the College of Medicine, Department of Otolaryngology-Head & Neck Surgery, effective August 13, 2021.

Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and unanimously carried.

Item 33. Faculty Promotions Effective January 1, 2022.

The following faculty promotions were presented for approval.

Associate Professor to Professor, Academic Investigator Track

Suhua Sha, M.D., Department Pathology and Laboratory Medicine

Associate Professor to Professor, Academic Clinician Track

Diane Kamen, M.D., MSCR, Department of Medicine, Division of Rheumatology

Associate Professor to Professor, Clinician Educator Track

Harry A. Demos, M.D., Department of Orthopaedics and Physical Medicine

Whitney S. Graybill, M.D., MS, Department of Obstetrics and Gynecology, Division of Gynecologic Oncology

Faye N. Hant, DO, MSCR, Department of Medicine, Division of Rheumatology

Michelle P. Hudspeth, M.D., Department of Pediatrics, Division of Hematology/Oncology

Gweneth B. Lazenby, M.D., Department of Obstetrics and Gynecology, Division of BenFign Obstetrics and Gynecology; Dual in Medicine, Division of Infectious Diseases

Steven D. McSwain, M.D., MPH, Dept. of Pediatrics, Division of Pediatric Critical Care

W. Scott Russell, M.D., Dept. of Pediatrics, Division of Pediatric Emergency Medicine

Ashlyn H. Savage, M.D., MSCR, Department of Obstetrics and Gynecology, Division of Benign Obstetrics and Gynecology

Zachery M. Soler, M.D., MSc, Department of Otolaryngology – Head and Neck Surgery

Clinical Associate Professor to Clinical Professor, Modified track

Daniel Y. Reuben, M.D., Department of Medicine, Division of Hematology/Oncology

Assistant Professor to Associate Professor, Academic Clinician track

Andreana M. Benitez, PhD, Dept. of Neurology; Dual in Radiology & Radiological Science

John L. Pearce, PhD, Department of Public Health Sciences

Assistant Professor to Associate Professor, Clinician Educator track

Russell S. Blackwelder, M.D., Department of Family Medicine

Jason R. Buckley, M.D., Department of Pediatrics, Division of Pediatric Cardiology

Lillian M Christon, Ph.D., Department of Psychiatry and Behavioral Sciences

Clarice S. Clemmens, M.D., Department of Otolaryngology

Theodore S Gourdin, M.D., Department of Medicine, Division of Hematology /Oncology

David A. Gutman, M.D., Department of Anesthesia and Perioperative Medicine; Dual:

Department of Obstetrics and Gynecology, Division of Benign Obstetrics and Gynecology

Christopher L. Heine, M.D., Department of Anesthesia and Perioperative Medicine
Julie Wentworth Hirschhorn, PhD, Department of Pathology and Laboratory Medicine
Keri T. Holmes-Maybank, M.D., Department of Medicine, Division of Hospital Medicine
Kathryn Cristaldi King, M.D., MHS, Dept. of Pediatrics, Division of General Pediatrics
Jennifer R. Matos, M.D., Department of Anesthesia and Perioperative Medicine
Blaithin A. McMahon, PhD, MB BCh, Department of Medicine, Division of Nephrology
Christopher L. Metts, M.D., Department of Pathology and Laboratory Medicine
Kristoff R. Reid, M.D., Department of Orthopaedics and Physical Medicine
Daniel Clay Williams, M.D., MSCR, Dept. of Pediatrics, Division of General Pediatrics
Matthew David Wooster, M.D., Department of Surgery, Division of Vascular Surgery

Research Assistant Professor to Research Associate Professor, Modified track

Caitlyn N. Meinzer, PhD, Department of Public Health Sciences
Zengdun Shi, M.D., Department of Medicine, Division of Gastroenterology
Zhiwei Ye, PhD, Department of Cell and Molecular Pharmacology
Jie Zhang, PhD, Department of Cell and Molecular Pharmacology

Clinical Assistant Professor to Clinical Associate Professor, Modified track

Anand Achanti, M.D., Department of Medicine, Division of Nephrology

Affiliate Assistant Professor to Affiliate Associate Professor

Vipin Verma, M.D., Department of Medicine, Division of Gen. Internal
Medicine (AnMed Anderson)

*Board Action: The motion made by Ms. Johnson-Williams was seconded, voted on and
unanimously carried.*

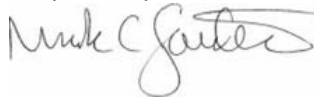
Item 34. Foundation for Research Development Financial Report.

The interim financials ending May 31, 2021, were presented for information.

Board Action: Received as information.

There being no further business, the meeting of the MUSC Board of Trustees was adjourned.

Respectfully submitted,



Mark C. Sweatman, Secretary

RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE
MINUTES
August 12, 2021

Item 6. **General Report of the Vice President for Institutional Advancement**

Ms. Kate Azizi reported on the status of the Office of Development. In FY2021, \$52,762,828 was raised and thus far in FY2022, \$5,126,439 has been raised. The FY2022 fundraising goal is \$65M. Gifts of \$1 million or more in FY22 have supported:

- The Schiller Surgical Innovation Center, which will be an interdisciplinary effort to develop, assess, and enhance new technologies in biomedical and surgical care.
- The College of Pharmacy Part of the Moment Fund, which will fund need-based scholarships.
- The Scleroderma Endowment Fund, which will provide a permanent funding source for the MUSC Scleroderma Center of Excellence.

Action: Report received as information.

Item 7. **Naming Request**

Ms. Kate Azizi presented a naming request for “The Harvey and Marcia Schiller Center for Surgical Innovation at MUSC.”

Action: Recommend approval.

Item 8. **General Report of the Chief Executive Officer of the MUSC Foundation**

Mr. Stuart Ames reported on the MUSC Foundation. He reviewed the Foundation’s purpose which is to provide financial and other support to MUSC and MUSC Health through gift administration, investments, real estate, and other support. In FY2021, the Foundation’s total assets increased to \$747 million based on strong investment performance of the Foundation’s portfolios. The Foundation processed over 15,000 gifts in FY 2021 and created 68 new funds, bringing total endowment funds to 734 and total expendable funds to 866. The Foundation’s FY2022 goals include continuing the buildout of private equity investments and increasing the Foundation’s operational capacity and efficiency through digitization of their processes.

Action: Report received as information.

Item 9. **General Report of the Office of the Vice President for Research**

Dr. Lisa Saladin introduced Dr. Lori McMahon, MUSC’s new Vice President for Research. Dr. McMahon shared updates about MUSC’s research endeavors.

- Through efforts of the Office of Clinical Research, MUSC joins only six other institutions nationally that are 100% compliant for clinic trials through clinicaltrials.gov.

- Dr. Susan Dorman led a worldwide tuberculosis clinical trial sponsored by the CDC and NIH that was featured in the *New England Journal of Medicine* in May 2021. Hopefully these outcomes will lead to FDA and WHO changes for treatment recommendations.
- Dr. Shikhar Mehrotra developed an assay to rapidly detect antibodies to COVID-19. This statewide initiative offers important understanding of how long immunity lasts.
- COVID-19 vaccination trials for children continue to expand at MUSC with 140 children ages 6-12 signed up for the current Phase 2 trial.

Action: Report received as information.

Item 10. **Other Committee Business**

None.

Education, Faculty and Student Affairs Committee
Minutes
August 12, 2021

Regular Agenda

Item 11. Provost Report.

No report.

Item 12. New Program Proposal for Master of Science in Genetic Counseling (MS).

Dr. Lisa Saladin, Executive Vice President for Academic Affairs and Provost, presented for approval the new program proposal for Master of Science in Genetic Counseling (MS).

Committee Action: Recommend approval

Item 13. Other Committee Business.

None.

Consent Agenda

Item 26. Sabbatical Leave.

The following sabbatical leave request was presented for approval:

College of Health Professions - **Patty Coker-Bolt, Ph.D., OTR/L, FNAP, FAOTA**, eight-month sabbatical leave beginning May 1, 2022, through December 31, 2022.

Committee Action: Recommend approval

Item 27. Endowed Chair Appointments.

The following appointments to Endowed Chair were presented for approval.

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Scott Sullivan, M.D., Professor, in the Department of Ob/Gyn, for appointment to the Spaulding-Paolozzi Endowed Chair for Ob/Gyn, effective August 13, 2021.

Ravi Veeraswamy, M.D., Professor in the Department of Surgery, for appointment to the Elliott-Robison Endowed Chair in Vascular Surgery, effective August 13, 2021.

Committee Action: Recommend approval

Item 28. **Change in Faculty Status.**

The following changes in faculty status were presented for approval.

College of Medicine

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Susan C. Harvey, M.D., from Associate Professor to Clinical Associate Professor, in the Department of Anesthesia and Perioperative Medicine, effective May 14, 2021.

Daria Ilatavskaya, Ph.D., from Associate Professor to Adjunct Associate Professor, in the Department of Regenerative Medicine and Cell Biology, effective July 1, 2021.

Yukiko Sugi, Ph.D. from Associate Professor to Adjunct Associate Professor, in the Department of Regenerative Medicine and Cell Biology, effective July 1, 2021.

Committee Action: Recommend approval

Item 29. **Affiliate Faculty Appointments.**

The following affiliate faculty appointments were presented for approval.

James B. Edwards College of Dental Medicine

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Chad S. Webb, DDS, MS, Affiliate Associate Professor, in the James B. Edwards College of Dental Medicine, the Department of Orthodontics, effective June 1, 2021.

College of Medicine

Gauri Dhir, M.D., as Affiliate Associate Professor, in the College of Medicine, Department of Family Medicine, effective July 1, 2021.

Committee Action: Recommend approval

Item 30. Faculty Appointments.

The following faculty appointments were presented for approval.

College of Medicine

Lori L. McMahon (Wakefield), Ph.D. as Professor **with Tenure**, on the Academic Investigator track, in the College of Medicine, Department of Neuroscience, effective July 1, 2021. She will also serve as Vice President for Research at MUSC.

Oleg Palygin, Ph.D., as Associate Professor, on the Academic Investigator track, in the Department of Medicine, Division of Nephrology, with dual appointment as Associate Professor, in the Department of Regenerative Medicine and Cell Biology, effective July 1, 2021. Dr Palygin's primary appointment will rest in the Department of Medicine, Division of Nephrology. Dr. Palygin will also hold the SmartState MUSC Renal Disease Biomarkers Endowed Chair, effective July 1, 2021.

David Park, M.D., as Associate Professor, on the Clinician Educator track, in the Department of Pathology and Laboratory Medicine, effective August 2, 2021.

LalithKumar Solai, M.D., as Professor, on the Clinician Educator track, in the Department of Psychiatry and Behavioral Sciences, effective July 1, 2021.

James B. Edwards College of Dental Medicine

Sophie Paczesny, M.D., Ph.D., [joint appointment] as Professor in the Department of Oral Health Sciences, effective June 1, 2021. Dr. Paczesny's primary appointment rests in the Department of Microbiology and Immunology, in the College of Medicine.

Committee Action: Recommend approval

Item 31. **Emerita/Emeritus.**

The following requests for emerita/emeritus status were presented for approval.

Gil Boissonneault, Ph.D., PA-C, from Professor to Professor Emeritus, in the College of Health Professions, Department of Physician Assistant Studies, effective July 1, 2021.

Debora D. Brown, D.P.T., from Professor to Professor Emerita, in the College of Health Professions, Department of Rehabilitation Sciences, effective July 17, 2021.

Jane M. Charles, M.D., from Professor to Professor Emerita in the College of Medicine, Department of Pediatrics, Division of Developmental/Behavioral Pediatrics, effective July 1, 2021

Lisa Montgomery, MHA, from Instructor to Instructor Emerita, in the College of Health Professions, Department of Health Studies, effective July 1, 2021.

Lynne Nemeth, Ph.D., RN, from Professor to Professor Emerita, in the Department of Nursing, College of Nursing, effective August 31, 2021.

Committee Action: Recommend approval

Item 32. **Distinguished University Professor.**

The following request for distinguished university professor was presented for approval.

Paul R. Lambert, M.D. as Distinguished University Professor, in the College of Medicine, Department of Otolaryngology-Head & Neck Surgery, effective August 13, 2021.

Committee Action: Recommend approval

Item 33. **Faculty Promotions Effective January 1, 2022.**

The following faculty promotions were presented for approval.

Associate Professor to Professor, Academic Investigator Track
Suhua Sha, M.D., Department Pathology and Laboratory Medicine

Associate Professor to Professor, Academic Clinician Track
Diane Kamen, M.D., MSCR, Department of Medicine, Division of Rheumatology

Associate Professor to Professor, Clinician Educator Track

Harry A. Demos, M.D., Department of Orthopaedics and Physical Medicine

Whitney S. Graybill, M.D., MS, Department of Obstetrics and Gynecology,
Division of Gynecologic Oncology

Faye N. Hant, DO, MSCR, Department of Medicine, Division of Rheumatology

Michelle P. Hudspeth, M.D., Department of Pediatrics, Division of
Hematology/Oncology

Gweneth B. Lazenby, M.D., Department of Obstetrics and Gynecology,
Division of BenFign Obstetrics and Gynecology; Dual in Medicine, Division of
Infectious Diseases

Steven D. McSwain, M.D., MPH, Department of Pediatrics, Division of
Pediatric Critical Care

W. Scott Russell, M.D., Department of Pediatrics, Division of Pediatric
Emergency Medicine

Ashlyn H. Savage, M.D., MSCR, Department of Obstetrics and Gynecology,
Division of Benign Obstetrics and Gynecology

Zachery M. Soler, M.D., MSc, Department of Otolaryngology – Head and
Neck Surgery

Clinical Associate Professor to Clinical Professor, Modified track

Daniel Y. Reuben, M.D., Department of Medicine, Division of
Hematology/Oncology

Assistant Professor to Associate Professor, Academic Clinician track

Andreana M. Benitez, PhD, Department of Neurology; Dual in Radiology &
Radiological Science

John L. Pearce, PhD, Department of Public Health Sciences

Assistant Professor to Associate Professor, Clinician Educator track

Russell S. Blackwelder, M.D., Department of Family Medicine

Jason R. Buckley, M.D., Department of Pediatrics, Division of Pediatric
Cardiology

Lillian M Christon, Ph.D., Department of Psychiatry and Behavioral Sciences

Clarice S. Clemmens, M.D., Department of Otolaryngology

Theodore S Gourdin, M.D., Department of Medicine, Division of Hematology
/Oncology

David A. Gutman, M.D., Department of Anesthesia and Perioperative
Medicine; Dual: Department of Obstetrics and Gynecology, Division of Benign
Obstetrics and Gynecology

Christopher L. Heine, M.D., Department of Anesthesia and Perioperative
Medicine

Julie Wentworth Hirschhorn, PhD, Department of Pathology and Laboratory
Medicine

Keri T. Holmes-Maybank, M.D., Department of Medicine, Division of
Hospital Medicine

Kathryn Cristaldi King, M.D., MHS, Department of Pediatrics, Division of
General Pediatrics

Jennifer R. Matos, M.D., Department of Anesthesia and Perioperative
Medicine

Blaithin A. McMahon, PhD, MB BCh, Department of Medicine, Division of
Nephrology

Christopher L. Metts, M.D., Department of Pathology and Laboratory
Medicine

Kristoff R. Reid, M.D., Department of Orthopaedics and Physical Medicine

Daniel Clay Williams, M.D., MSCR, Department of Pediatrics, Division of
General Pediatrics

Matthew David Wooster, M.D., Department of Surgery, Division of Vascular
Surgery

**Research Assistant Professor to Research Associate Professor, Modified
track**

Caitlyn N. Meinzer, PhD, Department of Public Health Sciences

Zengdun Shi, M.D., Department of Medicine, Division of Gastroenterology

Zhiwei Ye, PhD, Department of Cell and Molecular Pharmacology

Jie Zhang, PhD, Department of Cell and Molecular Pharmacology

Clinical Assistant Professor to Clinical Associate Professor, Modified track

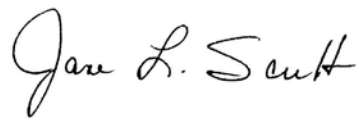
Anand Achanti, M.D., Department of Medicine, Division of Nephrology

Affiliate Assistant Professor to Affiliate Associate Professor

Vipin Verma, M.D., Department of Medicine, Division of Gen. Internal
Medicine (AnMed Anderson)

Committee Action: Recommend approval

There being no further business, the committee meeting adjourned.



Finance & Administration Committee Minutes

August 12, 2021

Regular Agenda

Item 14. MUSC Financial Report.

Mr. Patrick Wamsley, Chief Financial Officer, presented the University's June 30, 2021 interim financials and reported 171 Days of Operating Cash and an Operating Budget margin of \$49.5 million, or 5.31%. Mr. Wamsley discussed budget to actual variances related to Operating Revenues such as Federal Grant Revenues and Tuition and Fees, and Operating Expenses such as Salaries and Fringes and Travel.

Action: Received as information.

Item 15. FY2022 Budgets for MUSC and AHEC.

Mr. Patrick Wamsley requested approval of the FY2022 MUSC and AHEC budgets.

Action: Recommend approval.

Item 16. MUSC Physicians Financial Report.

Ms. Eva Greenwood, CFO, presented the June 30, 2021, interim financials. Days Cash on Hand were 278 and an operating margin percentage of 4% or \$28M favorable. This is significant improvement over last year with COVID; clinical not only recovered but exceeded the clinical revenue budget by about 4%. Compared to last year, MUSC Physicians growth was about 16%. Approximately \$8M was spent on capital projects including Nexton Phase 1A, Chuck Dawley and Bluffton which helped facilitate some of the clinical revenue growth. Mr. Greenwood reported that as a result of MUSC Physicians' strong financials, consistent with the physician compensation plan and the funds flow model, an estimated \$19M (including fringe) will be distributed to approximately 700 physicians and providers next week.

Action: Received as information.

Item 17. FY2022 MUSC Physicians Operating Budget for Information

Ms. Eva Greenwood, CFO, presented for information the FY2022 Operating Budget for MUSC Physicians.

Action: Received as information.

Item 18. **FY2022 MUSC Physicians Budget for Capital Asset Purchases >\$50,000 for Approval.**

Ms. Eva Greenwood presented for approval the FY2021 MUSC Physicians budget for the purchase of capital assets whose acquisition costs exceed \$50,000. This request also includes the including the addition of the Kiawah ENT project at \$81,301 and the Nexton MOB Phase 1B project at \$2,112,779.

Action: Recommend approval.

Item 19. **Diversity and Inclusion Report.**

Report was deferred until October meeting.

Item 20. **Other Committee Business.**

None.

Consent Agenda for Information

Item 34. **Foundation for Research Development Financial Report.**

The interim financials for the period ending May 31, 2021, were presented for information.

Action: Recommend approval.

There being no further business, the committee meeting adjourned.

A handwritten signature in black ink that reads "Jane L. Scott". The signature is written in a cursive, flowing style.

COVID-19 Update

Board of Trustees Meeting

August 12th, 2021

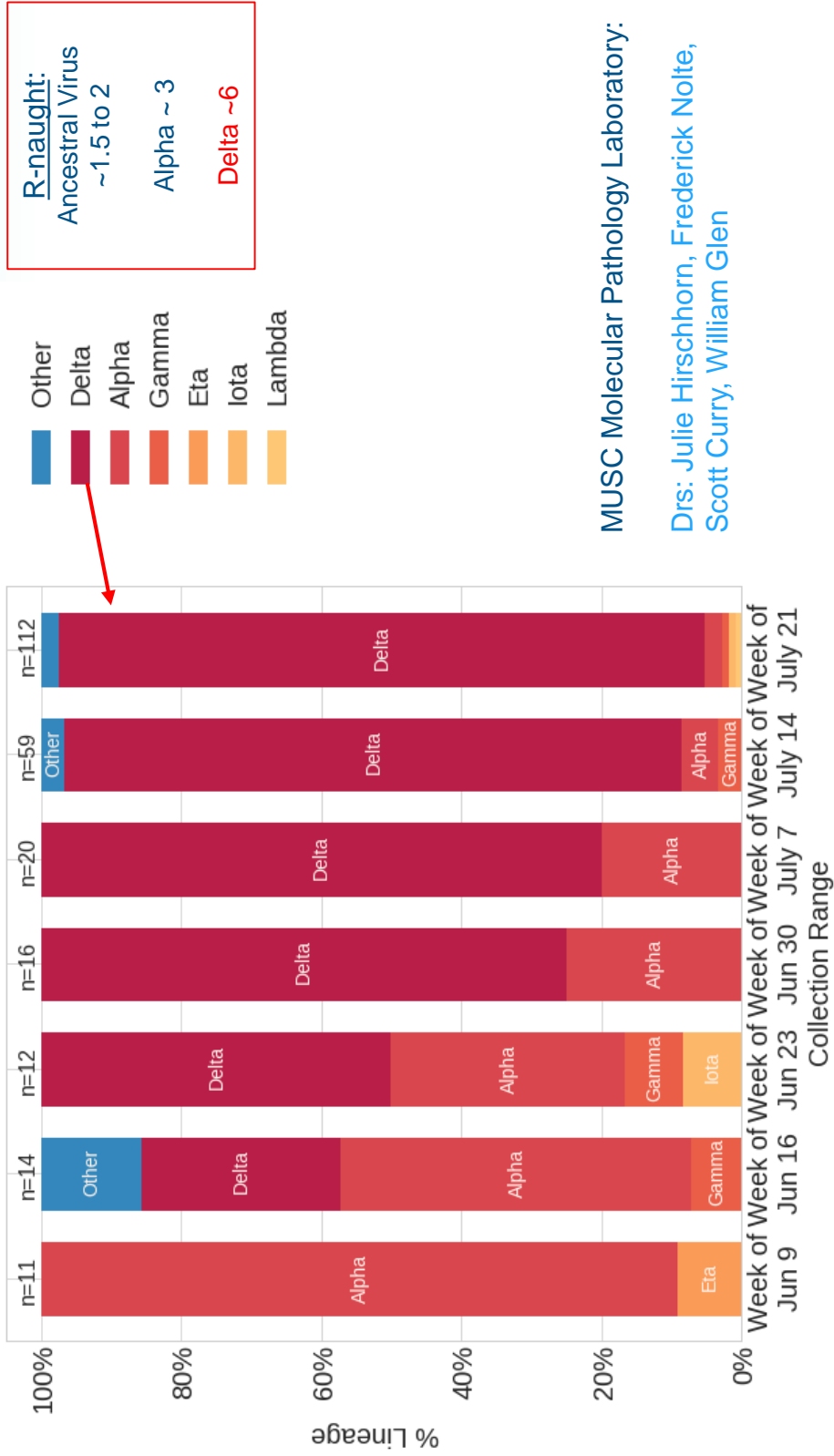
Michael Sweat, PhD

Department of Psychiatry and Behavioral Sciences
Faculty Director MUSC Center for Global Health

Project Leader: MUSC COVID-19 Epidemiology Intelligence Project



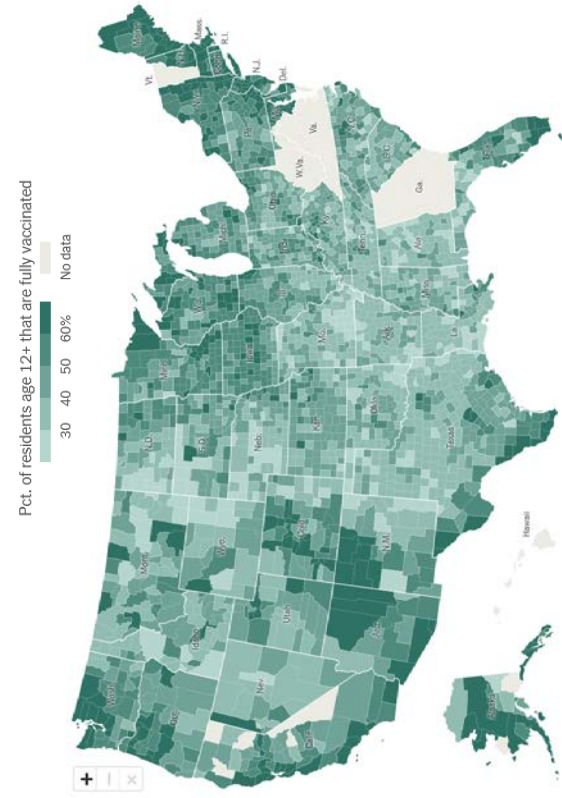
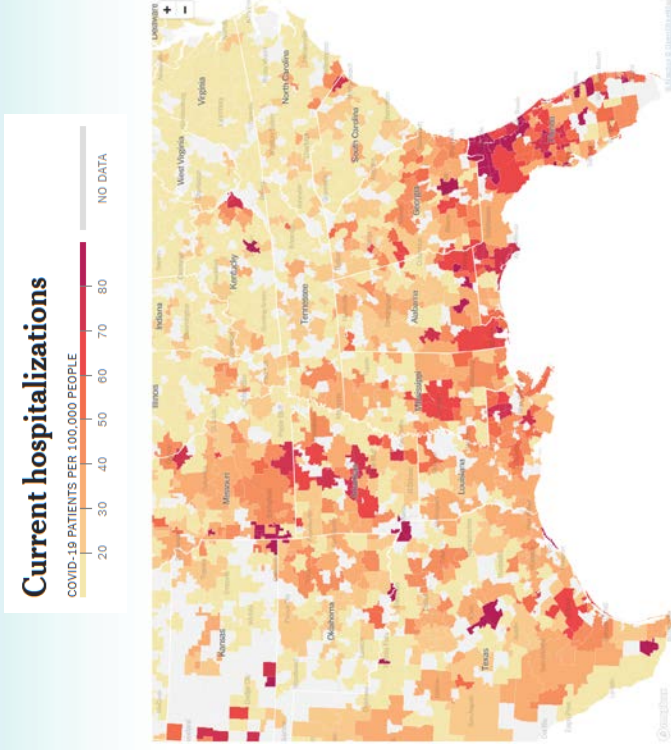
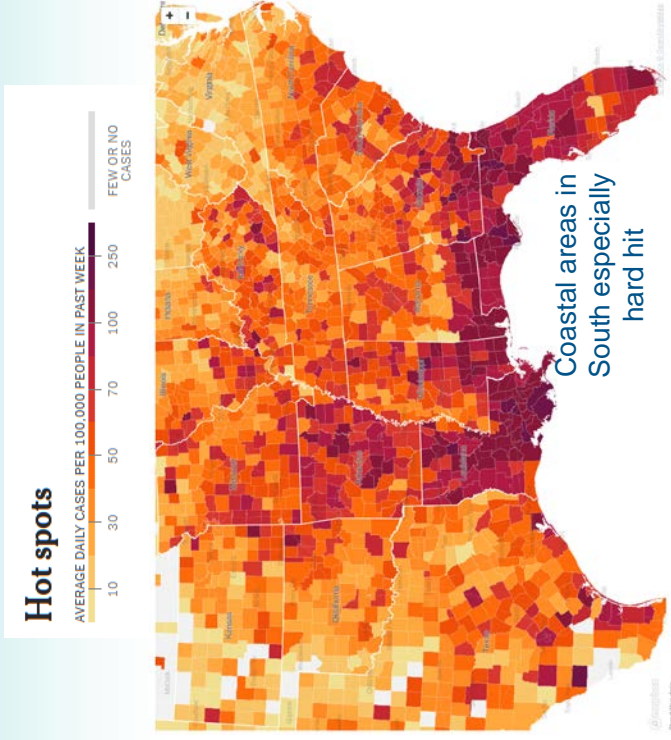
Variants: Genetic Sequencing of MUSC Positive COVID-19 Tests



Red and Orange are Variants of Concern

>90% of all cases are now Delta variant

Rapid spread, especially through poorly vaccinated areas



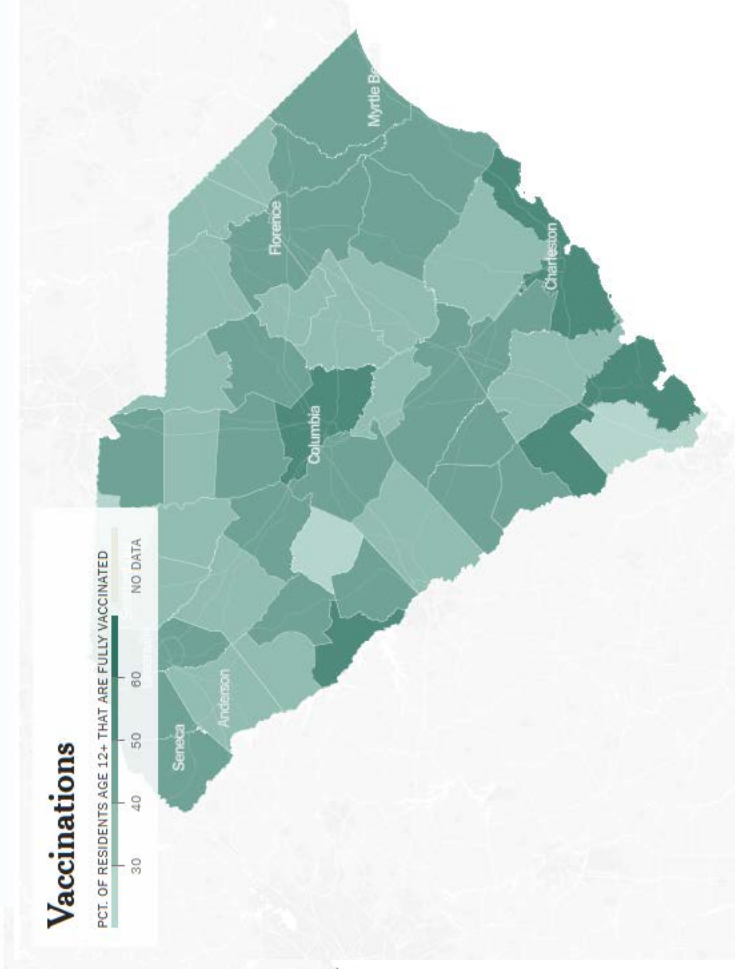
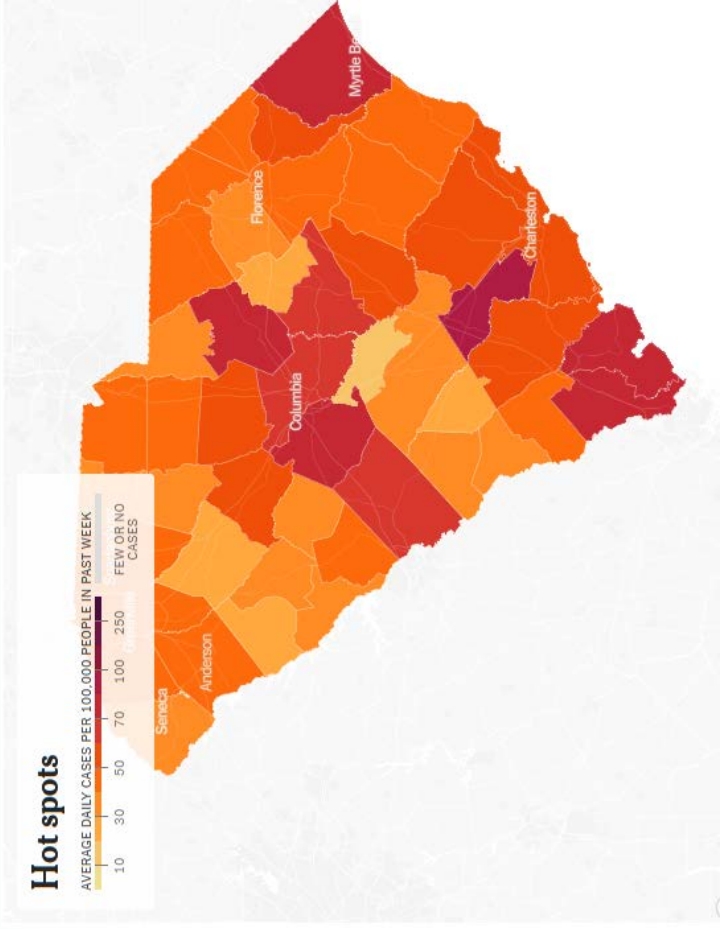
Source: NY Times (Aug 10, 2021): <https://www.nytimes.com/interactive/2021/us/covid-cases.html>



Changing What's Possible | MUSC.edu



Hot Spots / Vaccination in South Carolina



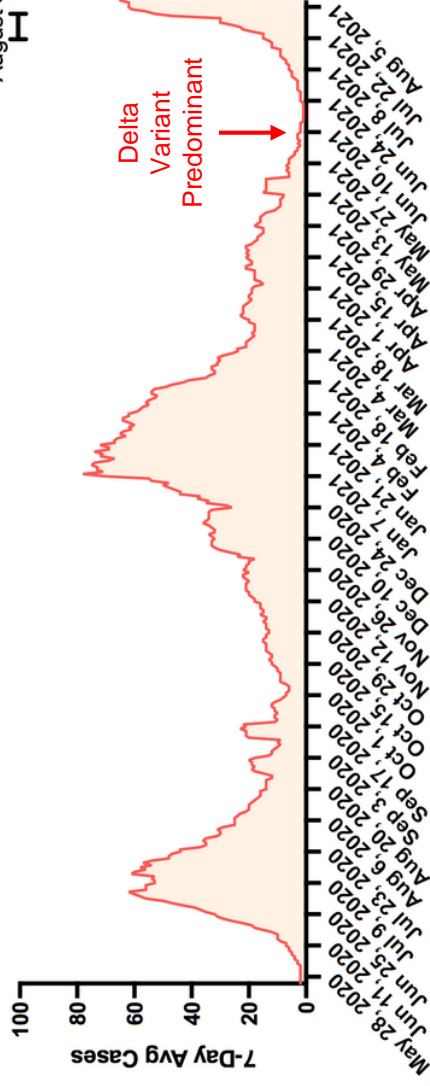
	AT LEAST ONE DOSE	FULLY VACCINATED
All ages	48%	41%
18 and up	59%	51%
65 and up	87%	78%



Key Metrics – Charleston / Tri-County Area

Charleston Area COVID-19 Impact: Severe

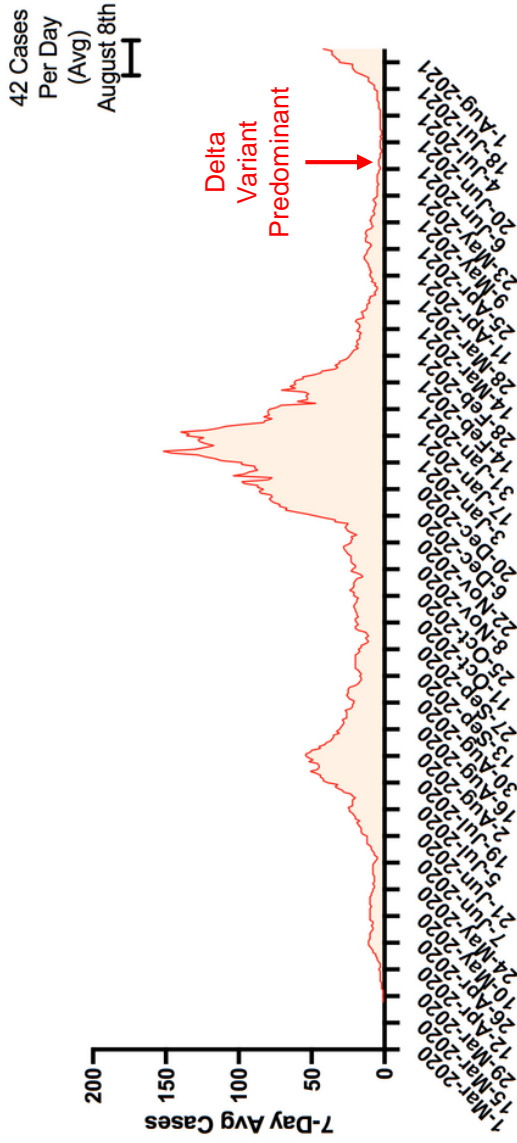
65 Cases
Per
Day
August 8th



<p>Cases per day per 100k Population (7-Day Average)</p> <p>65</p>	<p>Cases per day per 100k Without Immunity (7-Day Average)</p> <p>180</p>	<p>Test Positivity (7-day Average)</p> <p>17.1%</p>	<p>ICU Beds in Use Per Week (Past Week)</p> <p>72%</p> <p>Past 4 Weeks</p>	<p>Rt (Effective Reproduction Number)</p> <p>1.07</p>	<p>Percentage of Population Vaccinated (at least 1 dose) in Tri-County Area:</p> <p>49%</p>
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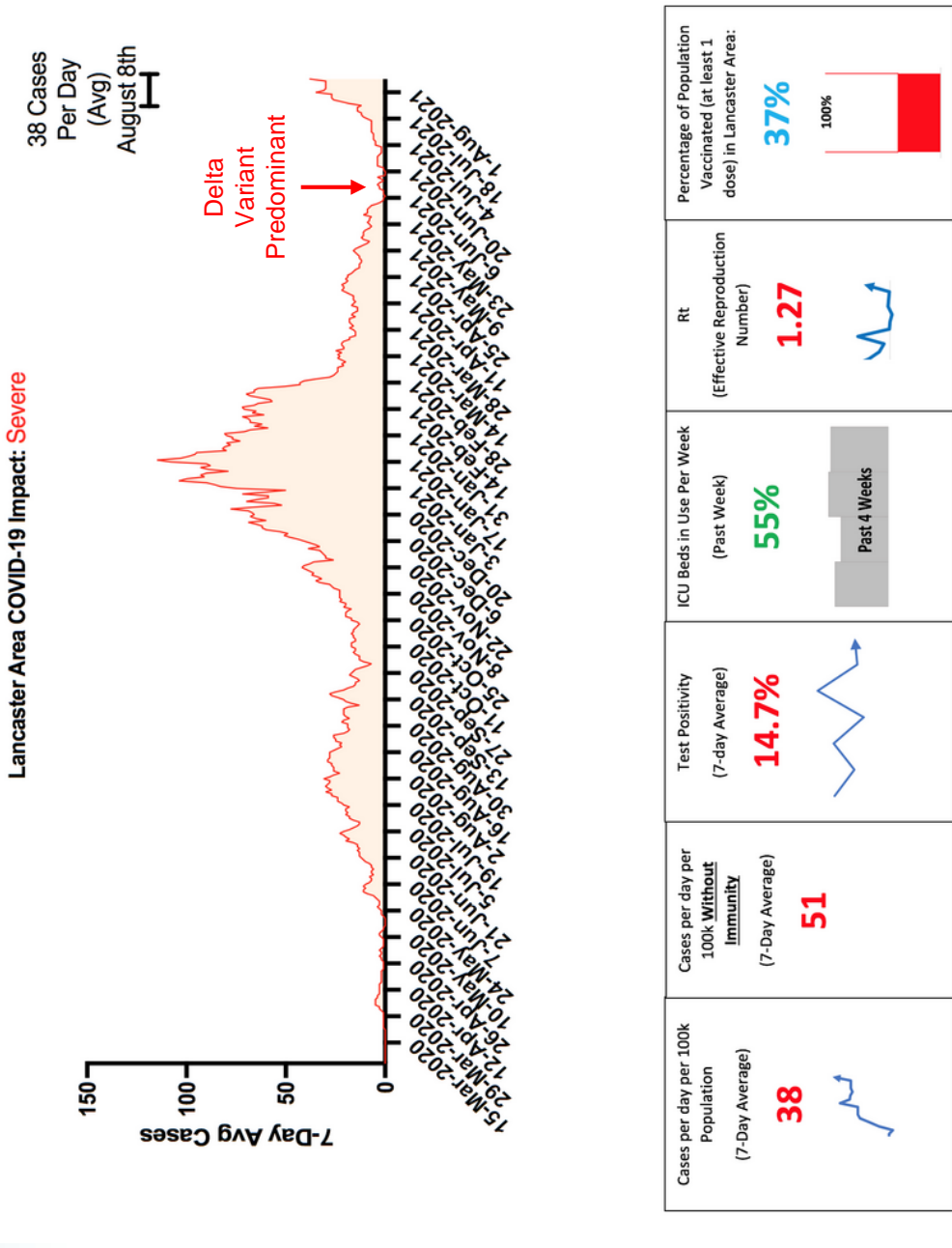
Key Metrics – Florence Area

Florence Area COVID-19 Impact: **Severe**



Cases per day per 100k Population (7-Day Average)	42	
Cases per day per 100k <u>Without Immunity</u> (7-Day Average)	112	
Test Positivity (7-day Average)	14.7%	
ICU Beds in Use Per Week (Past Week)	76%	
Rt (Effective Reproduction Number)	1.21	
Percentage of Population Vaccinated (at least 1 dose) in Florence Area:	43%	

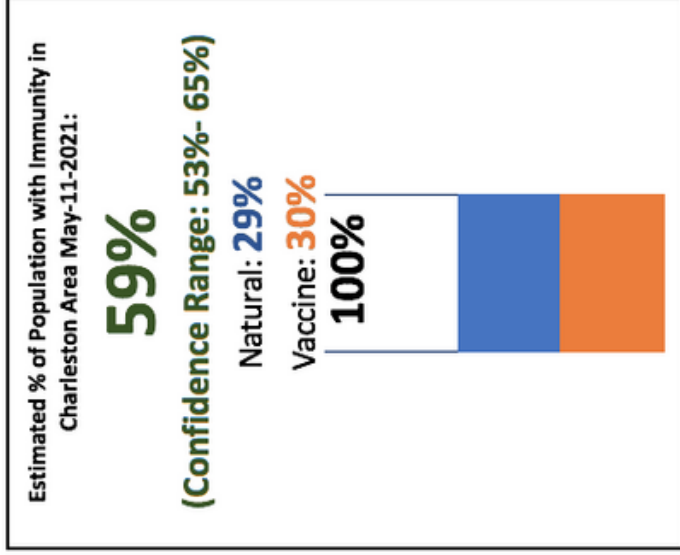
Key Metrics – Lancaster Area



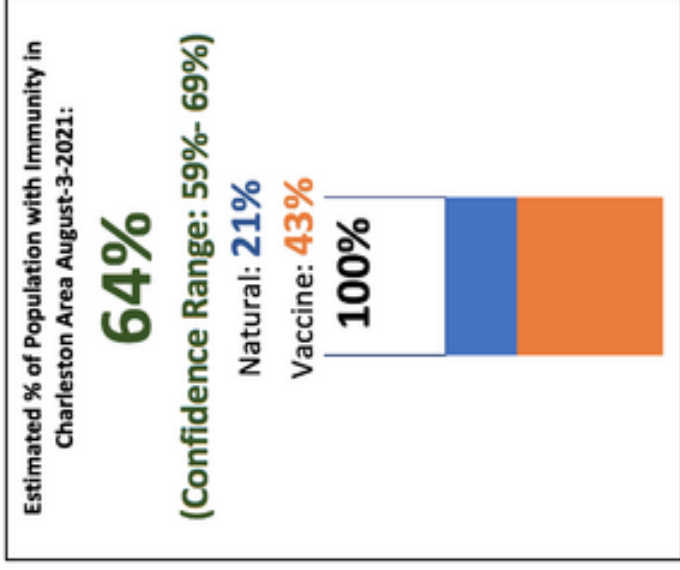
Charleston Area

Estimated immunity from vaccination and natural infection
(Among total population – regardless of age / eligibility)

May
Charleston Area



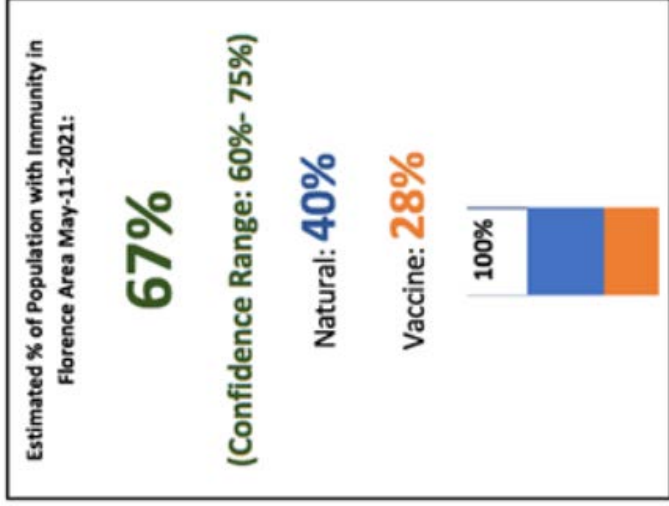
August
Charleston Area



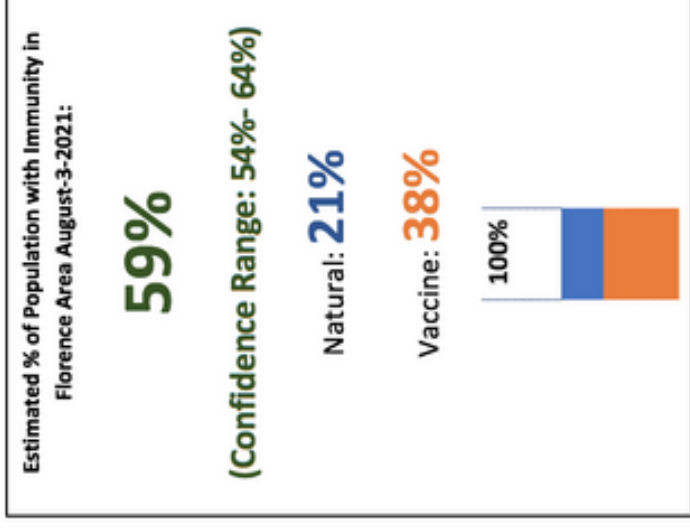
Florence Area

Estimated immunity from vaccination and natural infection
(Among total population – regardless of age / eligibility)

May Florence Area



August Florence Area

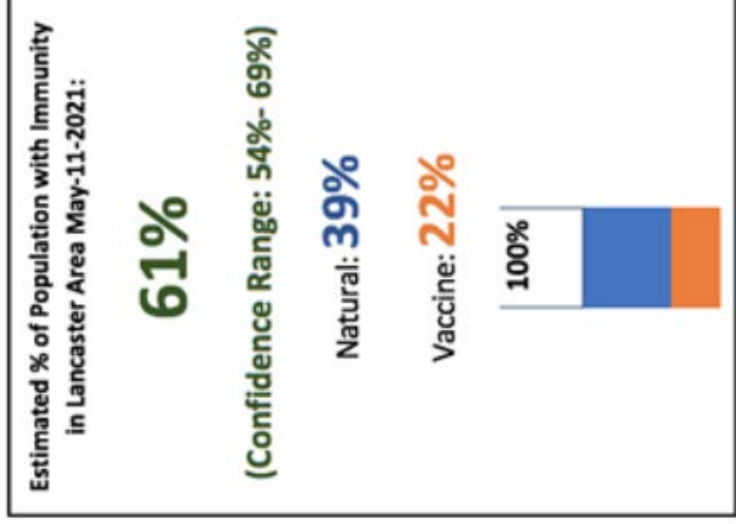


Lancaster Area

Estimated immunity from vaccination and natural infection (Among total population – regardless of age / eligibility)

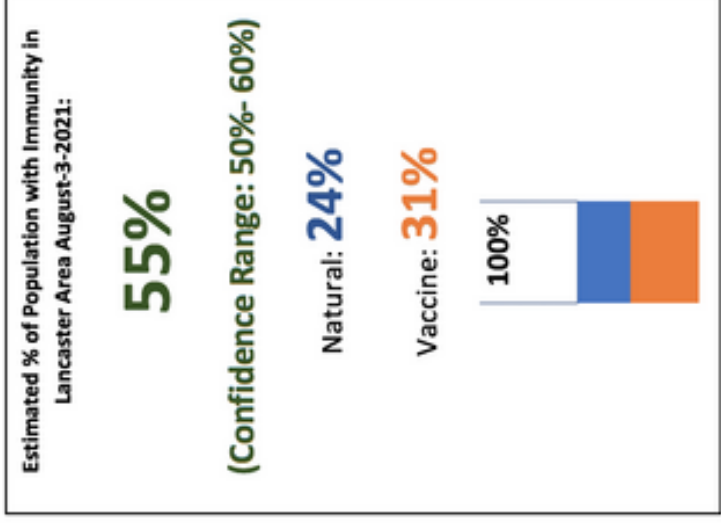
May

Lancaster Area

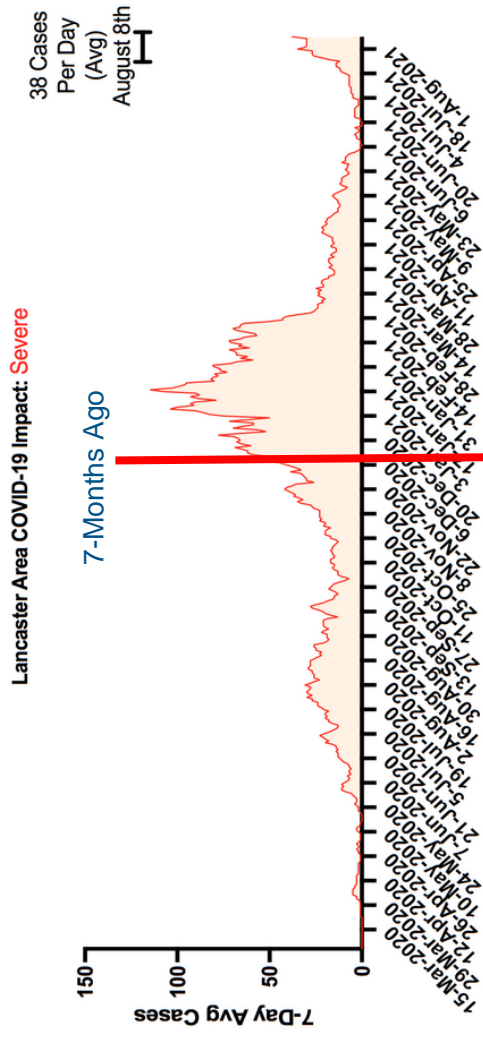
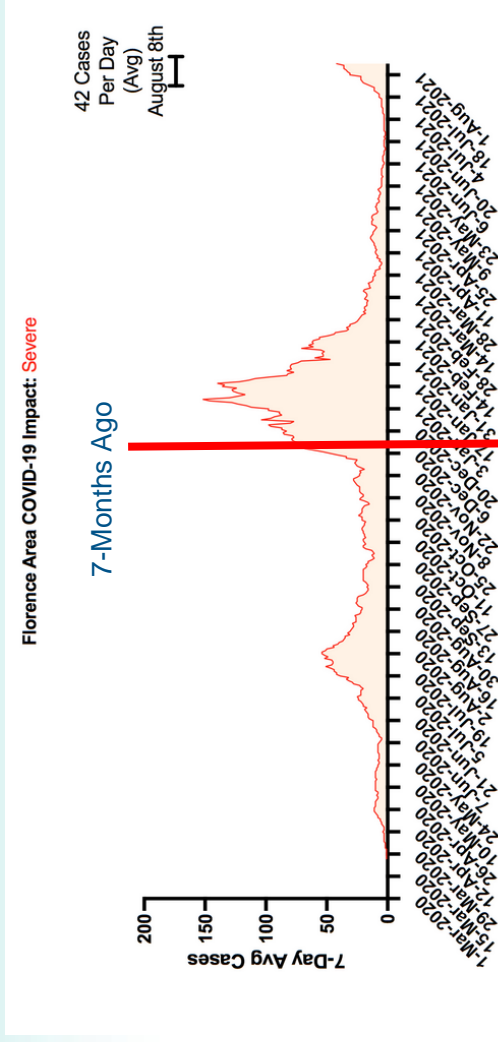


August

Lancaster Area



Why the Decline in Immunity in Florence & Lancaster?



Immunity among Total Population

County	Pct Total Population with vaccine immunity	Pct Total Pop with natural immunity (minus vaccine immunity)	Lower Range	Pct Total Population with any immunity	Upper Range
Abbeville	35%	22%	53%	58%	62%
Aiken	33%	21%	49%	54%	59%
Allendale	38%	21%	54%	59%	63%
Anderson	33%	22%	51%	55%	60%
Bamberg	37%	18%	50%	54%	59%
Barnwell	35%	21%	51%	56%	60%
Beaufort	43%	17%	55%	60%	65%
Berkeley	36%	17%	49%	53%	57%
Calhoun	38%	14%	48%	52%	55%
Charleston	49%	20%	64%	70%	75%
Cherokee	26%	22%	44%	48%	52%
Chester	33%	25%	53%	58%	63%
Chesterfield	27%	23%	45%	50%	55%
Clarendon	36%	21%	53%	58%	62%
Colleton	35%	20%	50%	55%	60%
Darlington	38%	23%	55%	60%	65%
Dillon	30%	25%	50%	55%	60%
Dorchester	38%	27%	59%	64%	70%
Edgefield	33%	23%	51%	56%	61%
Fairfield	40%	20%	55%	60%	65%
Florence	38%	20%	53%	58%	63%
Georgetown	48%	19%	61%	67%	71%
Greenville	40%	27%	61%	67%	72%
Greenwood	37%	22%	54%	59%	63%
Hampton	38%	19%	52%	57%	61%
Horry	43%	24%	61%	67%	72%
Jasper	31%	15%	43%	47%	50%
Kershaw	37%	24%	55%	61%	66%
Lancaster	31%	23%	49%	54%	59%
Laurens	31%	22%	49%	53%	58%
Lee	33%	17%	46%	50%	54%
Lexington	40%	24%	58%	63%	68%
Marion	37%	20%	52%	56%	61%
Marlboro	27%	24%	46%	51%	56%
McCormick	48%	24%	66%	72%	77%
Newberry	38%	23%	56%	61%	66%
Oconee	35%	23%	53%	58%	63%
Orangeburg	38%	22%	55%	60%	65%
Pickens	32%	25%	52%	57%	62%
Richland	41%	22%	58%	63%	68%
Saluda	34%	16%	46%	50%	54%
Spartanburg	32%	27%	54%	59%	65%
Sumter	30%	21%	46%	51%	56%
Union	31%	24%	50%	55%	60%
Williamsburg	39%	23%	57%	63%	68%
York	33%	24%	52%	58%	63%
Whole state	38%	23%	55%	61%	65%

Tri-County	43%	21%	59%	64%	69%
Florence area	38%	21%	54%	59%	64%
Lancaster Area	31%	24%	50%	55%	60%

Results are being calculated for all SC Counties

Updated Weekly

Available on our website

<https://web.musc.edu/coronavirus-updates/epidemiology-project/estimated-immunity-statewide>

Risk to those without immunity is higher than it appears.

Infections are happening among a smaller group of people without immunity

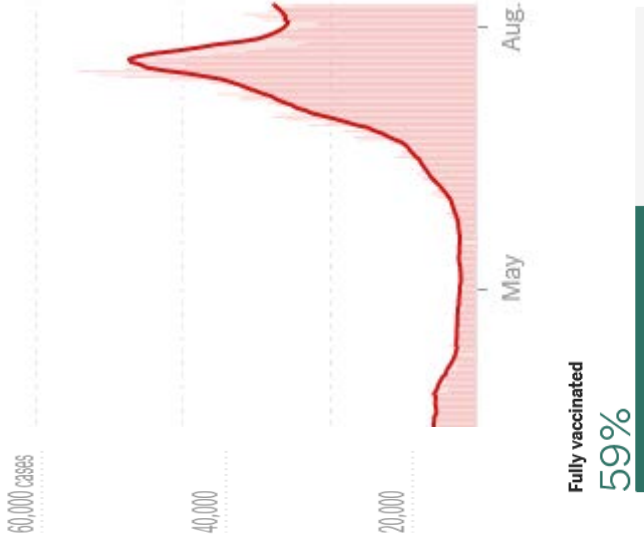
Rate of infection among total Charleston area population	
Number of Cases Past Week	2,951
Total Population	802,122
Weekly Cases per 100k Population	368

Rate of infection among Charleston Area population without immunity	
Number of Cases Past Week	2,951
Population without immunity (36% of total)	288,763
Weekly Cases per 100k Population without immunity	1,022

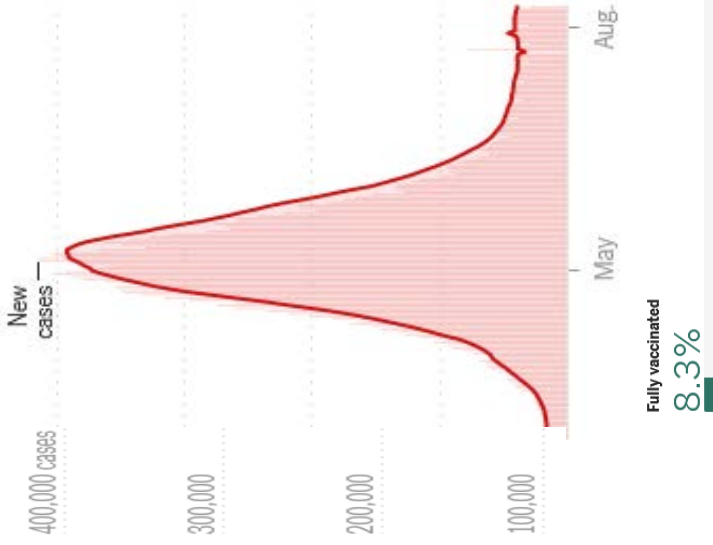


What might happen next? Delta Variant Outbreaks in other places

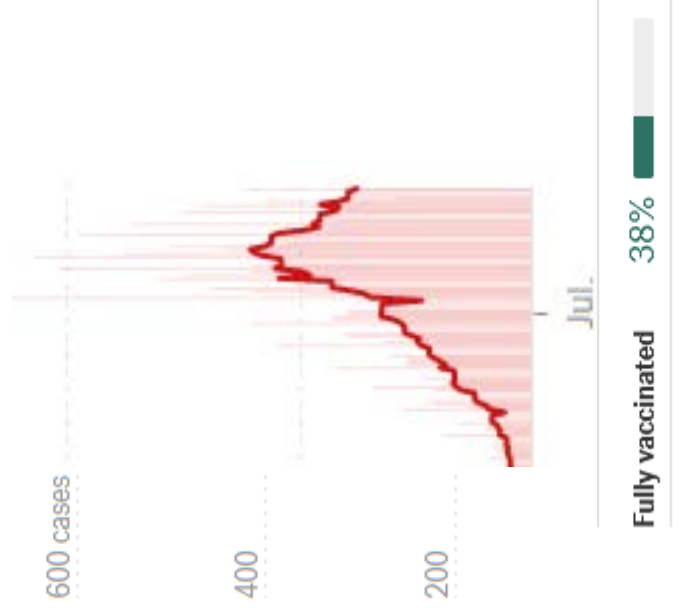
UK



India



Springfield Mo.



[UK Office National Statistics](#)

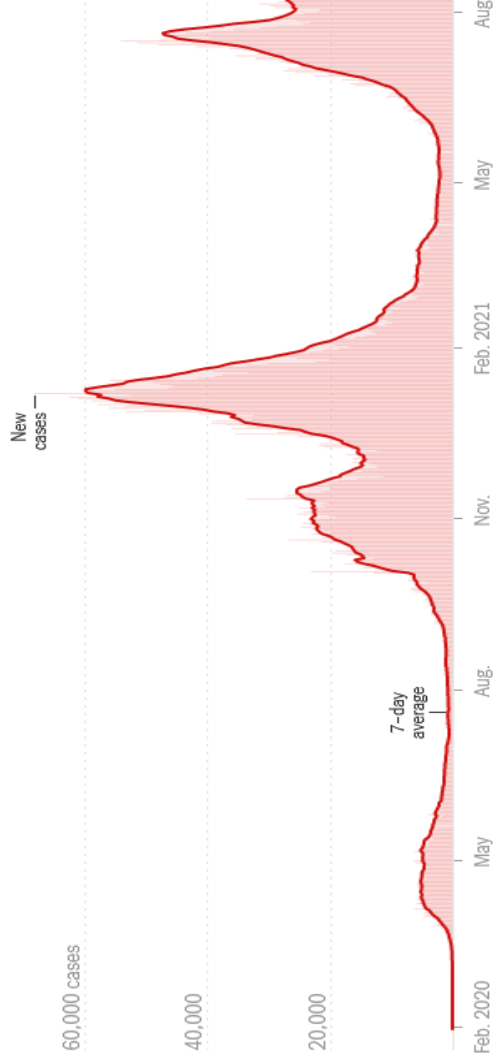
Estimate of % of Adults with COVID-19 Antibodies

- 93.6% England
- 93.2% Wales
- 90.7% No. Ireland
- 92.5% Scotland

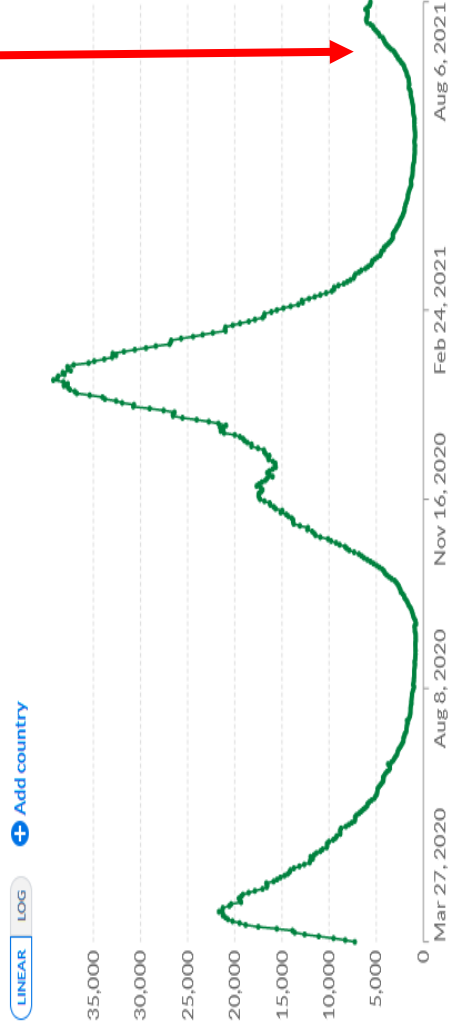
Sources: NY Times, UK-ONS

<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/articles/coronaviruscovid19latestinsights/antibodies>

New reported cases



Number of COVID-19 patients in hospital



Source: European CDC for EU countries; government sources for other countries - Last updated 10 August, 14:14 (London time)
OurWorldInData.org/coronavirus • CC BY

Our World
in Data

Data from the UK:

Much Lower
Hospitalization for
COVID-19 During
Delta Variant Wave

IHME Projections: Daily Infections South Carolina

Daily infections and testing

Estimated infections are the number of people we estimate are infected with COVID-19 each day, including those not tested.

Estimated infections Confirmed infections Tests
Scenario Projection X Worse X Masks X

Trend Compare Map

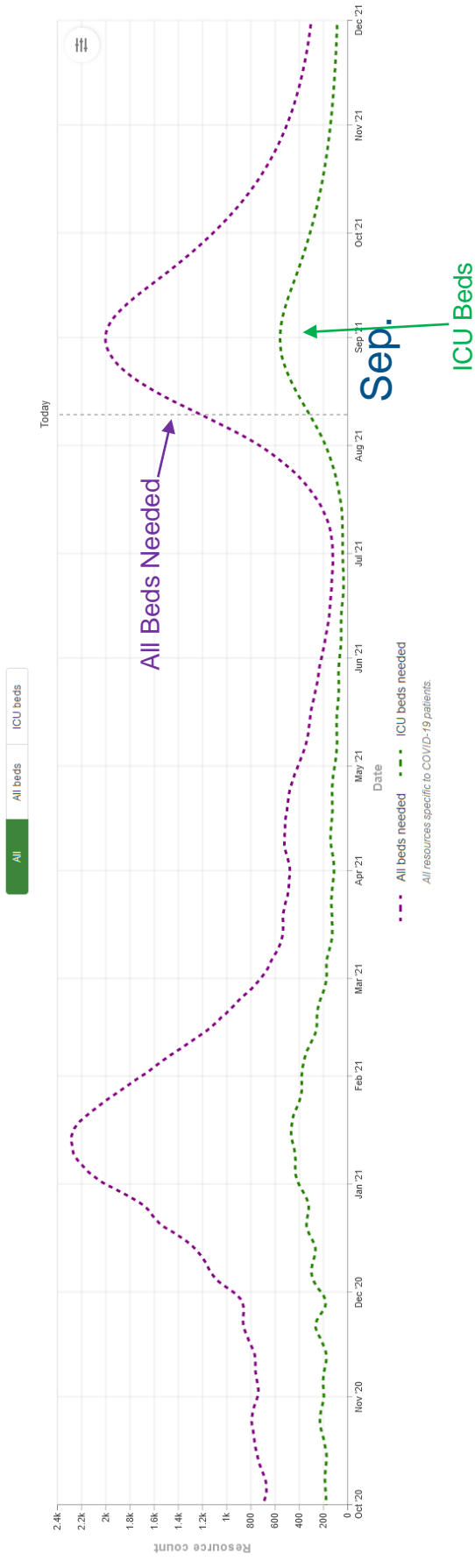


Source: IHME
<https://covid19.healthdata.org/united-states-of-america/south-carolina>

IHME Projections: Hospital Resource Use South Carolina

Hospital resource use [↗](#)

Hospital resource use indicates how equipped a location is to treat COVID-19 patients for the **Current projection** scenario. Select **All beds** or **ICU beds** for descriptions of each measure.



Source: IHME
<https://covid19.healthdata.org/united-states-of-america/south-carolina>

Key Points

- **>90% of new cases are now from the Delta variant**
 - Rapid onset of Delta variant
 - Highly transmissible
 - Correlated with rapid increase in diagnosed cases
 - Experience from other states suggests worst is yet to come
 - Mathematical models suggest similar impact to our winter surge
 - Peak impact in September
 - Significant uncertainty in the models
- **Population-level immunity is currently sub-optimal for epidemic control**
 - Vaccination rates too low, with pockets of areas and populations highly unvaccinated
 - Impact of natural immunity is a key question going forward
 - Need more data on durability of natural immunity, and resistance to breakthroughs with Delta variant
- **Expect large number of cases quickly**
 - Experience from other sites suggests steep increase, but also steep decline
 - Possibility for saturation of infection among those lacking immunity
 - Could push us closer to herd immunity based on UK experience
 - Proportion of cases hospitalized may be lower than in past
 - High rate of vaccination in older people
 - UK data suggests lower hospitalization than past, but still high uncertainty
 - However, many US counties have stress on hospital systems

