August’s Mental Health Data Shows Mental Health Crisis Remains and Is Beginning to Impact Cognition of U.S. Workers
SPEAKERS

LOUIS GAGNON
CEO, Total Brain

MICHAEL THOMPSON
CEO, National Alliance

COLLEEN MCHUGH
President, Healthcare Policy Roundtable / HR Policy Association

GAREN STAGLIN
Chairman & Co-Founder, One Mind at Work

ROSA NOVO
Executive Benefits Director, Miami-Dade County Public Schools
COVID-19 IMPACT TIMELINE

1st Wave
Immediate mortality and morbidity of COVID-19

2nd Wave
- Psychological trauma
- Mental Illness
- Economic injury
- Burnout

3rd Wave
Impact of resource restriction on urgent non-COVID conditions

4th Wave
Impact of interrupted care on chronic conditions

1st Wave Tail
Post-ICU recovery

HEALTH FOOTPRINT OF PANDEMIC

TIME

No history of anxiety/depression
Preexisting anxiety/depression
Mental Health Index

How we build and publish

• Dozens of large US corporations use the Total Brain platform
• Each week, we randomly selects 500 employees from all companies who completed their assessment. We control for statistical biases and implement one-way anova and linear regression analysis (α = .05) to determine what changed
• Each month, we publish a full report on all health and illness markers. In this webinar, we focus on markers that have significantly changed or for which age or gender tells a very different story
From July to August, risk of Anxiety declined 7%. It is, however, 45% higher than February (pre-COVID) level.

At the end of August, risk of Anxiety was:
- 81% ↑ for females vs males
- 143% ↑ for those aged 20-39 vs 40-59
- 78% ↑ for those aged 20-39 vs 60+

From July to August, risk of Depression declined 23%. It is, however, 56% higher than February (pre-COVID) level.

At the end of August, risk of Depression was:
- 55% ↑ for females vs males
- 130% ↑ for those aged 20-39 vs 40-59
- Not significantly different for those aged 20-39 vs 60+

From July to August, risk of PTSD declined 6%. It is, however, 39% higher than February (pre-COVID) level.

At the end of August, risk of PTSD was:
- 62% ↑ for females vs males
- 107% ↑ for those aged 20-39 vs 40-59
- Not significantly different for those aged 20-39 vs 60+
Our Brain Capacities are Under Attack

As the fallout from the pandemic continues, we are moving from an acute state to a chronic adaptive one.

Our brain capacities are under sustained attack causing us to adapt and reframe.

This, in turn, impacts our performance, including cognitive capacities like focus and planning.
Support and Insights

1. **Whitepaper:**
   Help you and your employees understand how to mitigate the impact of COVID-19 on their mental health

2. **Zero Cost Baseline Evaluation:**
   Baseline and benchmark mental health risk and corporate brain power in your company

**Sample:** Mental Health Risk and Capacity Baseline Report

### General Anxiety Disorder (GAD)

<table>
<thead>
<tr>
<th>Month</th>
<th>% Positive Screens</th>
</tr>
</thead>
<tbody>
<tr>
<td>US WORKERS</td>
<td>↑ 41%*</td>
</tr>
<tr>
<td>YOUR COMPANY</td>
<td>↑ 63%*</td>
</tr>
</tbody>
</table>

**Visit:** [https://info.totalbrain.com/request-a-demo](https://info.totalbrain.com/request-a-demo)
THANK YOU
Disclaimer

This presentation is issued by Total Brain (ASX: TTB) (“Total Brain”, “the Company” or “we”) to you, is to be held confidentially by you and may not be shared by you with third parties. This presentation is general background information about the Company’s activities current as at the date of this presentation. The information is given in summary form and does not purport to be complete. This presentation is not an offer to sell, or any sale, of securities. Any offer and sale of securities would be done only pursuant to a written agreement between Total Brain and its investors.

Total Brain has made every effort to ensure that the information in this presentation is accurate. However, its accuracy, reliability or completeness cannot be assured. To the maximum extent permitted by law, we and our associates, respective officers, employees and agents, disclaim any liability for any error or omission or for any loss suffered as a result of others acting on the basis of the information contained in this document.

In particular this presentation includes forward looking statements (e.g. phrases with “will” “may”, “would”, “anticipate”, “expect” and other statements about future events, results or outcomes) regarding our belief, intent or expectations with respect to the Company’s businesses, market conditions and/or results of operations, and while our management believes reasonable assumptions have been made, the Company’s actual results may vary in a material and adverse manner, nothing herein is a guarantee of future performance and you are cautioned not to place undue reliance on such statements.

Except to the extent required by law, the Company has no intention to update or revise forward-looking statements, or to publish prospective financial information in the future, regardless of whether new information, future events or any other factors affect the information contained in this presentation.

Any investment in the Company is subject to various risks, including but not limited to, our technology and science not meeting current expectations, intellectual property challenges, competition in the market, insufficient customer acquisition, legal and regulatory limitations in certain jurisdictions, privacy issues, among others.

Information in this presentation, including financial information, should not be considered as legal, financial or tax advice or a recommendation to investors or potential investors in relation to holding, purchasing or selling securities. Before acting on any information you should consider the appropriateness of the information having regard to these matters, any relevant offer document and in particular, you should seek your own independent financial, legal and tax advice.