

The image shows the interior of the Pennsylvania State Capitol dome, featuring a large central skylight and ornate architectural details. The text is overlaid on the image.

# REOPENING PENNSYLVANIA

***COVID-19  
Economic  
Recovery Plan***



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# EXECUTIVE SUMMARY

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The purpose of this conceptual timeline is to answer Governor Wolf's call for help from the Legislature. In putting forth concepts and ideas, the hope is to form a joint task force with the Legislature and the governor to begin the slow and steady process of reopening Pennsylvania. The best way to do this is with open and honest dialogue and the presentation of ideas that can be examined by medical experts and representatives from various fields including, but not limited to: computer software, nursing homes/home health care, PPE manufactures, doctors and nurses, hospital administrators, manufacturing, small retailers, big retailers, farmers, laboratories (testing), county health departments, construction, real estate, pharmaceutical, grocery store owner, food processor/manufacturer, telecommunications, and the media.

Our state has done a great job of "flattening the curve." The goal of flattening the curve was to buy time, create additional hospital capacity, ramp-up production of PPE and prevent the hospital system from being overwhelmed. The area "under the curve" is still the same regardless of how flat the curve gets because it extends the amount of time infections will occur. Without a vaccine or an approved treatment, the number of people who will eventually become infected will stay approximately the same.

The very broad monitoring process laid out in this plan is designed to prevent a major spike in any one area, so that contact tracing can be done. That is also why giving primary care physicians the ability to test should be something considered.

The ideas laid forth in this conceptual piece should be evaluated by the above representatives and experts. Adjustments and recommendations should be made. This is not intended to be the final plan, but a road map to what a final plan of action could look like.

This conceptual piece is meant to provide hope to the people of Pennsylvania and to give them a time frame of when we can begin to transition our state.

# 1. STAGGERED LIFTING OF STAY-AT-HOME ORDER

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Approach opening counties on a basis of the spread in their counties. We start by going off the cases per 100,000 residents and afterward adjust for total cases. Any county that has fewer than 100 cases present gets bumped into the previous grouping. For instance (total cases listed in parenthesis):

**Group A:** **Opening Day: Monday, May 4, 2020**

**Counties with cases under 75/100,000\***

**Counties (40 counties):** Adams (91), Armstrong (38), Bedford (16), Blair (14), Bradford (31), Cambria (20), Cameron (1), Centre (77), Clarion (18), Clearfield (11), Clinton (11), Crawford (17), Elk (2), Erie (60), Fayette (69), Forest (7), Fulton (2), Greene (25), Huntingdon (13), Indiana (55), Jefferson (3), Lawrence (60), Lycoming (42), McKean (5), Mercer (59), Mifflin (21), Northumberland (77), Perry (20), Potter (4), Snyder (30), Somerset (19), Sullivan (1), Susquehanna (71), Tioga (15), Union (29), Venango (6), Warren (2), Washington (86), Wayne (86), and Wyoming (17).

**Group B:** **Opening Day: Monday, May 11, 2020**

**Counties with cases under 200/100,000\***

**Counties (11 counties):** Allegheny (1059), Beaver (303), Butler (162), Chester (919), Cumberland (194), Dauphin (400), Franklin (143), Juniata (72), Montour (47), Westmoreland (291) and York (517).

**Group C:** **Opening Day: Monday, May 18, 2020**

**Counties with over 200/100,000 cases\***

**Counties (8 counties):** Bucks (1917), Carbon (150), Columbia (225), Lancaster (1295), Lackawanna (666), Lebanon (525), Montgomery (3154), and Schuylkill (277).

**Group D:** **Opening Day: Monday, May 25, 2020**

**Counties with over 500/100,000 cases\***

**Counties (8 Counties):** Berks (1988), Delaware (2654), Lehigh (2295), Luzerne (1800), Monroe (995), Northampton (1544) Philadelphia (9391), and Pike (314).

*\*Statistics as of April 21*

## 2. STATEWIDE OPENINGS

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- All car dealerships, real estate, and outdoor recreational activities may open on May 4 on a voluntary basis only if they follow strict social distancing and CDC guidelines.

## 3. WAVE ONE OPENINGS

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The businesses listed below would begin opening immediately on a voluntary basis (given the timeline outlined for their county in step one) with any protocols listed in parenthesis behind the specific industry.

- Construction of buildings
- Heavy and civil engineering construction
- Specialty-trade contractors
- Textile mills and textile product mills
- Apparel manufacturing
- Leather and allied product manufacturing
- Chemical manufacturing
- Non-metallic mineral product manufacturing
- Primary metal manufacturing
- Fabricated metal product manufacturing
- Machine manufacturing
- Computer and electronic product manufacturing
- Electrical equipment
- Appliance and component manufacturing
- Transportation equipment manufacturing
- Furniture and related product manufacturing
- Miscellaneous manufacturing
- Furniture and home merchant wholesalers (durable goods)
- Merchant wholesalers (nondurable goods)
- Wholesale electronic markets and agents and brokers
- Motor vehicle and parts dealers
- Furniture and home furnishing stores (curbside pickup and delivery only)
- Electronics and appliance stores (curbside pickup and delivery only)
- Lawn and garden equipment and supplies store (limited capacity in store)
- State wine and spirits stores (limited capacity in store)
- Clothing and clothing accessory stores (curbside pickup and delivery only)
- Sporting goods
- Hobby, book, and music stores (curbside pickup and delivery only)
- General merchandise stores (curbside pickup and delivery only)

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- Non-store retailers
- Publishing industries
- Securities, commodity contracts and other financial investment-related activities such as funds, trusts, and other financial activities
- Real estate
- Lessons of nonfinancial intangible assets
- Legal services
- Architectural
- Engineering and related services
- Specialized design services
- Computer systems design and related services
- Management, scientific, and technical consulting services
- Advertising and related services
- Other professional, scientific, and technical services
- Management of companies and enterprises
- Administrative and support services
- Office of dentists
- Child day care services (capacity limits)
- Personal care services
- Civic and social organizations (capacity limits)
- Business, professional, labor, political, and similar organizations.

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**Advancing the Next Wave:** If 100 new hospitalization cases are not presented over the first three-week period, then the county can move to the second wave of openings.

## 4. WAVE TWO OPENINGS (WEEKS 4-6)

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Four to six weeks after the initial business openings, the businesses listed below could begin to reopen with any protocols listed in parenthesis behind the specific industry. **Any interventions will push each phase back 3 weeks.**

- Furniture and home furnishing stores (limiting capacity in stores)
- Electronics and appliance stores (limiting capacity)
- Clothing and clothing accessory stores (limited capacity)
- Sporting goods, hobby, book, and music stores (limited store capacity)
- General merchandise stores (limited capacity in store).



### 5. WAVE THREE OPENINGS (WEEKS 7-9)

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Seven to nine weeks after the initial business openings, the businesses listed below could begin to reopen with any protocols listed in parenthesis behind the specific industry. **Any interventions will push each phase back 3 weeks.**

- Bars, restaurants, and dining rooms (capacity limits)
- Charter bus industry
- Scenic and sightseeing transportation
- Motion picture and sound recordings industries
- Junior colleges, colleges, universities, and professional schools
- Business schools and computer management training
- Technical and trade schools
- Other schools and education support services
- Museums, historical sites, and similar institutions (capacity limits)
- Gambling industries (capacity limits).

### 6. WAVE FOUR OPENINGS (WEEKS 10+)

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Ten weeks and on, after the initial business openings, the businesses listed below could begin to reopen with any protocols listed in parenthesis behind the specific industry. **Any interventions will push each phase back 3 weeks.**

- All other businesses including amusement parks, performing arts, spectator sports, and related industries.

## 7. GUIDELINES ON OPENINGS

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### Shut Down Alert:

- **For Group A:** If 100 new positive cases in a county in any three-week period, businesses in that county would revert to shut down and implement intervention strategy.
- **For Group B:** If 100 new hospitalization cases in any three-week period, revert to shut down and implement intervention strategy.
- **For Group C & D:** If 150 new hospitalization cases in any three-week period, revert to shut down and implement intervention strategy.

### Employer Guidance: Follow CDC guidelines for employers:

- Social distancing by maintaining six feet from others
- Protective equipment like masks and gloves must be provided
- Proper sanitation every workday
- Voluntary temperature checks before entering the workplace (no more than 100.4 degree)
- Implement a workplace tracing policy and procedure after a positive COVID-19 test
- Anyone with symptoms must stay home and cannot return to work until cleared by a doctor
- High traffic areas must be cleaned on a regular basis
- Capacity requirements cannot exceed 20% of occupancy
- Encourage employees to work from home where possible
- Groups cannot be any larger than 10 people
- Retail operations should have recommended hours or make special accommodations for vulnerable populations
- Workplace safety operational guidelines must be established and provided to employees

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**Medical Capacity:** Hospital capacity, bed capacity, ICU bed capacity, testing capacity, PPE counts, and medical staff. Hospitals must reserve at least one-third of its capacity for treatment of COVID-19. If one-third capacity is reached, in a hospital, the area served would go back into a shutdown until threshold is met again.

#### Monitoring Process in the Community:

- Temperature checks before entering places of business. Anyone with a fever will not be allowed to enter the place of business.
- Move testing kits to doctor's office (primary care physicians) to allow for testing during office visits (includes a plan from PA DOH to perform antibody testing too)
- Interview people who test positive to see who they have interacted with and where they have traveled (contact tracing)

**Protecting the Vulnerable:** People 65 years and older, and/or people with serious underlying health conditions, including high blood pressure, chronic lung disease, diabetes, obesity, asthma, and those whose immune system is compromised such by chemotherapy should remain sheltered in place until after the final wave has been completed and limit their public exposure.

**Nursing and Assisted Living Facilities:** Should remain closed to visitors and shelter in place at least until all other openings have occurred, then a re-evaluation can take place.

## 8. DATA & MAP

County	Total Cases	Negatives	Deaths	Cases/100K
Adams	95	1286	1	93.12
Allegheny	1149	12625	69	93.75
Armstrong	43	552	2	64.83
Beaver	319	1667	46	191.14
Bedford	20	129	1	41.14
Berks	2212	4408	86	530.91
Blair	15	675	0	12.11
Bradford	28	466	2	45.67
Bucks	2131	6414	116	340.21
Butler	164	1944	6	87.9
Cambria	20	760	1	14.86
Cameron	1	23	0	21.34
Carbon	155	837	9	242.45
Centre	76	718	1	47.08
Chester	989	4322	64	191.24
Clarion	20	391	1	51.51
Clearfield	11	357	0	13.71
Clinton	14	138	0	35.83
Columbia	245	332	7	369.98
Crawford	19	559	0	22.05
Cumberland	229	1053	7	92.55
Dauphin	445	2733	16	162.1
Delaware	2902	6967	119	514.97
Elk	2	129	0	6.53
Erie	68	1416	0	24.64
Fayette	71	1475	3	53.67
Forest	7	21	0	95.23
Franklin	151	2367	1	98.21
Fulton	2	58	0	13.79
Greene	25	358	0	67.31
Huntingdon	20	207	0	44.03
Indiana	59	488	4	68.8
Jefferson	4	273	0	9.07
Juniata	77	82	0	313.49
Lackawanna	707	1762	58	334.35



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Lancaster	1359	6267	72	252.44
Lawrence	61	585	5	69.81
Lebanon	544	2128	6	392.29
Lehigh	2418	6205	43	666.83
Luzerne	1880	3733	58	591.41
Lycoming	44	876	0	38.31
McKean	5	141	0	11.96
Mercer	60	560	1	53.27
Mifflin	24	573	0	51.77
Monroe	1024	2167	42	611.03
Montgomery	3395	13442	204	413.37
Montour	47	2941	0	256.91
Northampton	1656	5341	45	548.75
Northumberland	82	355	0	88.82
Perry	23	145	1	50.08
Philadelphia	10090	22384	271	640.42
Pike	327	1031	12	589.21
Potter	4	68	0	23.62
Schuylkill	290	1600	5	202.01
Snyder	31	154	1	76.61
Somerset	20	427	0	26.68
Sullivan	1	25	0	16.19
Susquehanna	72	198	4	174.17
Tioga	14	191	1	33.96
Union	30	447	0	66.5
Venango	7	199	0	13.36
Warren	1	138	0	2.5
Washington	92	1722	2	44.33
Wayne	87	430	3	168.81
Westmoreland	307	3801	17	86.54
Wyoming	17	90	1	61.62
York	546	5705	7	122.97

*\*Data obtained from PA Department of Health's website*

