



**COVID-19 Parenting Survey III**  
**April 2021**

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# 1

## BACKGROUND

## 1.1 Commissioning of the study

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The [Aspen Institute's Sports & Society Program](#) has been in existence since 2013 and its primary mission is to convene leaders, foster dialogue, and inspire solutions that help sport serve the public interest, with a focus on the development of healthy children and communities. The program has successfully provided a venue for thought leadership where knowledge can be deepened and breakthrough strategies explored on a range of issues.

To date, its signature initiative has been Project Play. The Sports & Society Program has issued [State of Play reports](#) on the issues affecting youth sports engagement in Baltimore, Harlem, Mobile, Southeast Michigan, Western New York, Seattle-King County, Hawaii, Central Ohio, and Camden, New Jersey. In Spring 2020, the Sports & Society Program commissioned a national study to assess the state of youth sport in the United States during the coronavirus pandemic. Data were collected in June ( $N = 2603$  parents) and September ( $N = 1103$  parents) in partnership with [Dr. Travis Dorsch](#), associate professor and founding director of the Families in Sport Lab at Utah State University, and [Dr. Jordan Blazo](#), assistant professor of kinesiology at Louisiana Tech University.

Since the onset of the pandemic, COVID-19 has continued to have a profound impact on the communities, organizations, and families who engage in youth sports in the United States. The study described in this report utilized a third nationally representative sample of 1263 youth sport parents whose children were participating regularly in one or more youth sports. The study sought to address the behaviors and expectations of children, parents, and families in youth sport in the current context of COVID-19. In this report, parents are defined as the biological, adoptive, or otherwise regular caregivers of a child. This included mothers and fathers, step parents, aunts and uncles, godparents, foster parents, and grandparents who served as primary caregivers.

The survey, hosted and distributed by Qualtrics International, Inc. in Provo, Utah, was a study designed instrument built by the Aspen Institute Sports & Society Program, through scientific consultation with Drs. Dorsch and Blazo. Some questions were re-used from the June and September 2020 surveys. The initial section of the survey asked parents to answer sociodemographic items about themselves, their children, and their families. The second section asked parents to summarize the sport participation behaviors of their children in sport. The third section asked parents to identify barriers to the resumption of normal participation in sport and physical activity settings. The final survey section asked parents to disclose the comfort they had in their children's return to normal participation in a range of sport and physical activity settings. Data were collected online between April 5 and 14, 2021.

This report extends knowledge on the state of youth sports in the United States during the COVID-19 pandemic. The results presented herein will be used to guide Aspen's Sports & Society programming, including the continued refinement of Project Play's "[Call for Leadership](#)" for stakeholders that was released in parallel with the most recent Project Play Summit.

Although wide-ranging, this report is not comprehensive; additional analyses are to be conducted by Drs. Dorsch and Blazo at the discretion of the Sports & Society Program. Multiple manuscripts outlining this study's findings are also being prepared for submission to peer-reviewed journal outlets. For academic or media requests regarding the data herein, please contact [Jon Solomon](#), editorial director of the Aspen Institute Sports & Society Program.

Many thanks to members of [Project Play 2024](#) for making this research possible.

# 2

## THE NATIONAL SAMPLE

## 2.1 Parent demographics

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**SURVEY ITEM:** *What is your AGE?*

<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>Range</i>
1263	39.15	8.66	18-71

**TAKE HOME:** The national sample was comprised of 1263 parents ranging in age from 18-71 ( $M = 39.15$ ).

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**SURVEY ITEM:** *What is your SEX?*

	<i>n</i>	<i>% of sample</i>
Male	655	51.9%
Female	603	47.7%
Non-binary	5	0.4%

**TAKE HOME:** Of the 1263 parents, 655 males and 603 females completed the survey. Five participants identified as non-binary.

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**SURVEY ITEM:** *What is your RACE or ETHNICITY?*

	<i>n</i>	<i>% of sample</i>
American Indian or Alaskan Native	10	0.8%
Asian	75	5.9%
Black or African American	164	13.0%
Hispanic, Latino, or Spanish Origin	231	18.3%
Native Hawaiian or Pacific Islander	2	0.2%
White	755	59.8%
Multiracial	20	1.6%
Prefer not to say	1	0.1%
Other	5	0.4%

**TAKE HOME:** Though predominantly White (59.8%), the distribution of parent races aligns roughly with published national averages ([US Census Bureau, 2020](#)).

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**SURVEY ITEM:** *What is your current RELATIONSHIP STATUS?*

	<i>n</i>	<i>% of sample</i>
Married	911	72.1%
Single, never married	122	9.7%
Living with partner, not married	96	7.6%
Widowed	21	1.7%
Divorced	84	6.7%
Separated	27	2.1%
Other	2	0.2%

**TAKE HOME:** Though coming primarily from married relationships (72.1%), parents represented a range of relationship statuses.

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**SURVEY ITEM:** *What is your current EMPLOYMENT STATUS?*

	<i>n</i>	<i>% of sample</i>
Full-time	877	69.4%
Part-time	116	9.2%
Self-employed	58	4.6%
Out of work due to COVID-19	49	3.9%
Out of work, not due to COVID-19	12	1.0%
Homemaker	80	6.3%
Student	13	1.0%
Retired	20	1.6%
Unable to work	34	2.7%
Other	4	0.3%

**TAKE HOME:** Most parents (69.4%) were in full-time positions, but participants represented a range of employment statuses. Of note, 3.9% reported being out of work due to COVID-19 (down from 7.5% and 4.3% in the June and September 2020 surveys, respectively), suggesting an improving employment ecosystem for American families since Fall 2020.

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## 2.2. Athlete demographics

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**SURVEY ITEM:** *What is your oldest child's AGE?*

<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>Range</i>
1263	12.26	3.24	6-18

**TAKE HOME:** Participating parents answered questions related to their oldest child ( $N = 1263$ ) who was an active participant in youth sport prior to COVID-19-related restrictions. These athletes ranged in age from 6 to 18 years ( $M = 12.26$  years).

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**SURVEY ITEM:** *What is your oldest child's SEX?*

	<i>n</i>	<i>% of sample</i>
Male	636	50.4%
Female	623	49.3%
Non-binary	4	0.3%

**TAKE HOME:** The 1263 athletes on whom parents reported were 636 males and 623 females. Four children were identified by a parent participant as non-binary.

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## 2.3 Household demographics

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**SURVEY ITEM:** *In what STATE does your family currently reside?*

	<i>n</i>	<i>% of sample</i>
Alabama	14	1.1%
Alaska	9	0.7%
Arizona	31	2.5%
Arkansas	9	0.7%
California	178	14.1%
Colorado	26	2.1%
Connecticut	11	0.9%
Delaware	6	0.5%
Florida	98	7.8%
Georgia	48	3.8%
Hawaii	2	0.2%
Idaho	4	0.3%
Illinois	53	4.2%
Indiana	15	1.2%
Iowa	6	0.5%
Kansas	5	0.4%
Kentucky	12	1.0%
Louisiana	16	1.3%
Maine	1	0.1%
Maryland	17	1.3%
Massachusetts	23	1.8%
Michigan	32	2.5%
Minnesota	14	1.1%
Mississippi	5	0.4%
Missouri	21	1.7%
Montana	1	0.1%

	<i>n</i>	<i>% of sample</i>
Nebraska	6	0.5%
Nevada	13	1.0%
New Hampshire	2	0.2%
New Jersey	30	2.4%
New Mexico	4	0.3%
New York	165	13.1%
North Carolina	28	2.2%
North Dakota	3	0.2%
Ohio	34	2.7%
Oklahoma	15	1.2%
Oregon	9	0.7%
Pennsylvania	33	2.6%
Rhode Island	2	0.2%
South Carolina	13	1.0%
South Dakota	4	0.3%
Tennessee	22	1.7%
Texas	118	9.3%
Utah	19	1.5%
Vermont	1	0.1%
Virginia	33	2.6%
Washington	22	1.7%
West Virginia	6	0.5%
Wisconsin	19	1.5%
Wyoming	2	0.2%
Washington DC	3	0.2%

**TAKE HOME:** Families whose parents participated in the survey represented all 50 states and the District of Columbia. Respondents per state ranged from 1 (in Maine, Montana, and Vermont) to 178 (California) ( $M = 24.76$  respondents per state). The four most represented states (California, New York, Texas, and Florida) each had 98 or more respondents and collectively represent 44.3% of the study sample.

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**COMPUTED VARIABLE: US REGION**

	<i>n</i>	<i>% of sample</i>
Northeast	267	21.1%
Southeast	330	26.2%
Midwest	212	16.8%
Southwest	168	13.3%
West	286	22.6%

*NOTE:* Regions are based on the National Geographic Society's 2020 breakdown of [United States Regions](#):

**Northeast:** Connecticut, Massachusetts, Maine, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont. **Southeast:** Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia, Washington DC. **Midwest:** Indiana, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin. **Southwest:** Arizona, New Mexico, Oklahoma, Texas. **West:** Alaska, California, Colorado, Hawaii, Idaho, Oregon, Montana, Nevada, Utah, Washington, Wyoming

**TAKE HOME:** A plurality (26.2%) of families resided in the Southeast region of the United States. The four other regions were comprised of between 13.3% and 22.6% of the study population, respectively.

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**SURVEY ITEM:** *Please describe your COMMUNITY/NEIGHBORHOOD.*

	<i>n</i>	<i>% of sample</i>
Urban	624	49.4%
Suburban	487	38.6%
Rural	152	12.0%

**TAKE HOME:** Families whose parents participated in the survey represented primarily urban (49.4%) and suburban (38.6%) households.

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**SURVEY ITEM:** *What is your family's ANNUAL INCOME across all earners, before taxes?*

<i>Mean</i>	<i>Median</i>	<i>SD</i>	<i>Range</i>
\$101,910	\$72,000	\$163,205	\$0-\$2,578,889

**TAKE HOME:** The 1263 parent respondents reported gross annual incomes ranging from \$0 to \$2,578,889 ( $M = \$101,910$ ). Of note, the median income of households in the sample was \$72,000, which is a close approximation of the national average of \$68,703 ([US Census Bureau, 2020](#)).

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**SURVEY ITEM:** *How many CHILDREN AGED 18 OR YOUNGER are currently living in your household?*

<i>Mean</i>	<i>SD</i>	<i>Range</i>
1.99	1.02	1-10

**TAKE HOME:** Parents reported having from 1 to 10 children currently living in the household ( $M = 1.99$ ).

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**SURVEY ITEM:** *How many of these children have been regularly participating and/or competing in youth sports OVER THE PAST MONTH?*

<i>Mean</i>	<i>SD</i>	<i>Range</i>
1.47	1.29	0-10

**TAKE HOME:** Parents reported having from 0 to 10 children in the household who had been regularly participating in youth sports over the past month ( $M = 1.47$ ).

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**SURVEY ITEM:** *How many of these children have been regularly participating in pickup games, free play, or physical activity OVER THE PAST MONTH?*

<i>Mean</i>	<i>SD</i>	<i>Range</i>
1.80	1.43	0-10

**TAKE HOME:** Parents reported having from 0 to 10 children in the household who had been regularly participating in pickup games, free play, or physical activity over the past month ( $M = 1.80$ ).

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# 3

## DESCRIPTIVE STATISTICS

### 3.1 Sport participation

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**SURVEY ITEM:** *Please select the sport(s) in which your child regularly participated and/or competed DURING THE COVID-19 PANDEMIC.*

	<i>n</i>	<i>% of sample</i>
Baseball	269	21.3%
Basketball	495	39.2%
Bicycling	141	11.2%
Cross country	80	6.3%
Field hockey	49	3.9%
Flag football	205	16.2%
Tackle football	160	12.7%
Golf	97	7.7%
Gymnastics	143	11.3%
Ice hockey	47	3.7%
Lacrosse	40	3.2%
Martial arts	93	7.4%
Skateboarding	73	5.8%
Skiing/Snowboarding	35	2.8%
Soccer	362	28.7%
Softball	104	8.2%
Swimming	158	12.5%
Tennis	188	14.9%
Track & field	108	8.6%
Volleyball	145	11.5%
Wrestling	36	2.9%
Other	83	6.6%

*NOTE:* The total column *N* and the cumulative percentages are greater than 1263 and 100%, respectively, because the majority of children participated in more than one sport.

**TAKE HOME:** Parents reported that the most commonly participated in youth sports were basketball (39.2% of the sample), soccer (28.7%), and baseball (21.3%).

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**SURVEY ITEM:** *Of the sports you just identified, which would you consider your child's PRIMARY SPORT?*

	<i>n</i>	<i>% of sample</i>
Baseball	128	10.1%
Basketball	302	23.9%
Bicycling (team or competitive)	30	2.4%
Cross country	12	1.0%
Field hockey	5	0.4%
Football (flag)	55	4.4%
Football (tackle)	67	5.3%
Golf	16	1.3%
Gymnastics	67	5.3%
Ice hockey	10	0.8%
Lacrosse	8	0.6%
Martial arts	36	2.9%
Skateboarding	11	0.9%
Skiing/snowboarding	3	0.2%
Soccer	207	16.4%
Softball	38	3.0%
Swimming (team)	46	3.6%
Tennis	54	4.3%
Track and field	35	2.8%
Volleyball (court or beach)	60	4.8%
Wrestling	12	1.0%
Other	61	4.8%

**TAKE HOME:** Parents reported that their children's most common primary sports were basketball (23.9% of the sample), soccer (16.4%), and baseball (10.1%).

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**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>n</i>	<i>% of sample</i>
At the SAME amount/level as before the pandemic	504	39.9%
At a LOWER amount/level as before the pandemic	577	45.7%
At a HIGHER amount/level as before the pandemic	180	14.4%

**TAKE HOME:** 85.6% of parents reported that their child had resumed sport participation at the SAME or at a LOWER amount/level than before the pandemic.

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**SURVEY ITEM:** *In the last month, how often has your child been participating in scheduled/organized practices or competitions for their PRIMARY SPORT?*

	<i>n</i>	<i>% of sample</i>
0 days per week	100	7.9%
1 day per week	203	16.1%
2 days per week	322	25.5%
3 days per week	277	21.9%
4 days per week	184	14.6%
5 days per week	122	9.7%
6 days per week	28	2.2%
7 days per week	25	2.0%

	<i>n</i>	<i>% of sample</i>
0 days per week	100	7.9%
1-2 days per week	525	41.6%
3-5 days per week	583	46.2%
6-7 days per week	53	4.2%

<i>Mean</i>	<i>SD</i>	<i>Range</i>
2.67	1.60	0-7

**TAKE HOME:** 583 parents (46.2%) reported that their child has been participating in a primary sport 3 to 5 days a week over the past month, whereas 100 parents (7.9%) reported that their child has *not* been participating in their primary sport at all over the past month.

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**SURVEY ITEM:** *Why hasn't your child participated in scheduled/organized practices or competitions for their PRIMARY SPORT?*

	<i>n</i>	<i>% of sample</i>
It is out of season	27	2.1%
It is not presently being offered where we live	30	2.4%
Our family has chosen not to re-engage yet in their primary sport	18	1.4%
Our family has chosen not to re-engage yet in youth sports at all	25	2.0%

**TAKE HOME:** Of the 100 parents who reported that their child has *not* been participating in a primary sport over the past month, most noted that the sport was not being offered at present where the family lives.

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**SURVEY ITEM:** *In the last month, how often has your child been participating in scheduled/organized practices or competitions for ALL SPORTS?*

	<i>n</i>	<i>% of sample</i>
0 days per week	106	8.4%
1 day per week	224	17.7%
2 days per week	272	21.5%
3 days per week	277	21.9%
4 days per week	169	13.4%
5 days per week	137	10.8%
6 days per week	49	3.9%
7 days per week	27	2.1%

	<i>n</i>	<i>% of sample</i>
0 days per week	106	8.4%
1-2 days per week	544	39.2%
3-5 days per week	583	46.1%
6-7 days per week	76	6.0%

<i>Mean</i>	<i>SD</i>	<i>Range</i>
2.73	1.70	0-7

**TAKE HOME:** 583 parents (46.1%) reported that their child has been participating in any sport 3 to 5 days a week over the past month, whereas 106 parents (8.4%) reported that their child has *not* been participating in any sport at all over the past month.

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**SURVEY ITEM:** *Why hasn't your child participated in scheduled/organized practices or competitions for ALL SPORTS?*

	<i>n</i>	<i>% of sample</i>
The sports my child plays are out of season	34	2.7%
The sports my child plays are not presently being offered where we live	29	2.3%
Our family has chosen not to re-engage yet in the youth sports being offered right now	24	1.9%
Our family has chosen not to re-engage yet in youth sports at all	19	1.5%

**TAKE HOME:** Of the 106 parents who reported that their child has *not* been participating in any sports over the past month, most noted that the sport(s) the child plays was not presently being offered where the family lives.

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>n</i>	<i>% of sample</i>
Free play	690	54.6%
Community-based sports	500	39.6%
Intramural sports at school	385	30.5%
Interscholastic school sports	417	33.0%
Travel/elite or club league sports	155	12.3%

**TAKE HOME:** Over the past month, the majority of children (54.6%) have been engaging in free play, whereas just 12.3% have been participating in travel/elite or club leagues in their primary sport.

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**SURVEY ITEM:** *Are FREE PLAY opportunities presently available to your child?*

	<i>n</i>	<i>% of sub-sample</i>
Yes, at the same level as before	366	53.0%
Yes, but not at the same level	291	42.2%
No	33	4.8%

**TAKE HOME:** Of the 690 parents who reported that their children participated in free play opportunities prior to COVID-19-related restrictions, nearly all parents (95.2%) said that free play opportunities were presently available at the same level as before.

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**SURVEY ITEM:** *Are COMMUNITY-BASED sport opportunities presently available to your child?*

	<i>n</i>	<i>% of sub-sample</i>
Yes, at the same level as before	278	55.6%
Yes, but not at the same level	207	41.4%
No	15	3.0%

**TAKE HOME:** Of the 500 parents who reported that their children participated in community-based sport opportunities prior to COVID-19-related restrictions, the majority of parents (55.6%) said that community-based sport opportunities were presently available at the same level as before.

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**SURVEY ITEM:** *Are INTRAMURAL sport opportunities presently available to your child?*

	<i>n</i>	<i>% of sub-sample</i>
Yes, at the same level as before	208	54.0%
Yes, but not at the same level	164	42.6%
No	13	3.4%

**TAKE HOME:** Of the 385 parents who reported that their children participated in intramural sport opportunities prior to COVID-19-related restrictions, the majority of parents (54.0%) said that intramural sport opportunities were presently available at the same level as before.

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**SURVEY ITEM:** *Are INTERSCHOLASTIC sport opportunities presently available to your child?*

	<i>n</i>	<i>% of sub-sample</i>
Yes, at the same level as before	234	56.1%
Yes, but not at the same level	169	40.5%
No	14	3.4%

**TAKE HOME:** Of the 417 parents who reported that their children participated in interscholastic sport opportunities prior to COVID-19-related restrictions, the majority of parents (56.1%) said that interscholastic sport opportunities were presently available at the same level as before.

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**SURVEY ITEM:** *ARE TRAVEL/ELITE CLUB sport opportunities presently available to your child?*

	<i>n</i>	<i>% of sub-sample</i>
Yes, at the same level as before	94	60.6%
Yes, but not at the same level	61	39.4%
No	0	0.0%

**TAKE HOME:** Of the 155 parents who reported that their children participated in travel/elite club sport opportunities prior to COVID-19-related restrictions, more than half (60.6%) said that travel/elite club sport opportunities were presently available at the same level as before.

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**SURVEY ITEM:** Over the last week, how many HOURS did your child engage in the following types of sport participation?

Weekly hours of participation	Pickup/Free play	Virtual Training	Focused Practice or Drills	Games or Competition	TOTAL HOURS
Baseball	4.50	3.32	4.48	4.49	16.78
Basketball	3.76	2.54	3.59	3.33	13.19
Bicycling	4.62	2.83	2.90	2.87	13.07
Cross country	3.67	1.67	3.75	2.25	11.33
Field hockey	2.40	3.20	2.60	2.00	10.20
Football (flag)	3.78	2.82	3.45	3.18	13.24
Football (tackle)	3.76	3.17	4.89	4.30	16.12
Golf	3.69	2.56	3.56	2.75	12.56
Gymnastics	3.34	1.43	3.09	2.07	9.94
Ice hockey	1.50	0.70	1.90	1.90	6.00
Lacrosse	2.00	0.50	4.00	3.38	9.88
Martial arts	2.86	0.86	3.83	1.25	8.81
Skateboarding	4.45	3.18	3.45	3.45	14.55
Skiing/Snowboarding	4.00	5.17	6.67	1.00	16.83
Soccer	3.52	2.05	3.11	2.77	11.45
Softball	1.71	1.59	2.84	1.97	8.08
Swimming	3.39	1.98	2.74	3.04	11.15
Tennis	3.46	2.26	2.44	2.30	10.46
Track & field	2.83	1.51	3.60	2.43	10.37
Volleyball	3.32	1.15	3.15	2.33	9.95
Wrestling	3.75	3.92	4.92	2.67	15.25
Other sports	2.49	0.43	4.30	1.21	8.39
<b>FULL SAMPLE</b>	<b>3.54</b>	<b>2.22</b>	<b>3.54</b>	<b>2.95</b>	<b>12.23</b>

**TAKE HOME:** Children are participating most broadly in pickup/free play and focused practice or drills. For breakdowns by US region, community type, race, child sex, household income, child age, primary sport, and state, see Chapter 4.

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**SURVEY ITEM:** *Over the past month, how often has your child participated in organized competitive video gaming (eSports) with others or in a league?*

	<i>n</i>	<i>% of sub-sample</i>
Never	380	30.2%
Rarely	241	19.1%
Sometimes	459	36.4%
Often	181	14.3%

**TAKE HOME:** Over the past month, 69.8% of children have participated in organized competitive video gaming (eSports) with others or in a league.

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**SURVEY ITEM:** *How has your child stayed active OVER THE LAST MONTH?*

	<i>n</i>	<i>% of sub-sample</i>
My child has been INACTIVE over the last month	141	11.2%
Taking walks	629	49.8%
Riding bicycles	577	45.7%
Free play in the house	661	52.3%
Free play in the yard	724	57.3%
Free play in the neighborhood	487	38.6%
Private or small group sport training	358	28.3%
Participation in organized youth sport	392	31.0%
Other	27	2.1%

**TAKE HOME:** Over the last month, children are staying active by engaging in free play in the yard (57.3%) and house (52.3%).

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**SURVEY ITEM:** *How many NEW sports or recreational activities has your child tried, in any form, during the COVID-19 pandemic?*

<i>Mean</i>	<i>SD</i>	<i>Range</i>
1.30	1.20	0-5

**TAKE HOME:** On average, children have tried 1.30 new sports or recreational activities during the pandemic.

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**SURVEY ITEM:** *Our family is now spending \_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>n</i>	<i>% of sub-sample</i>
Substantially less	186	14.7%
A little less	352	27.9%
The same amount of	347	27.5%
A little more	244	19.3%
Substantially more	132	10.5%

**TAKE HOME:** 29.8% of families report spending more TIME than they did before the pandemic on their child's youth sport participation.

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**SURVEY ITEM:** *Our family is now spending \_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<i>n</i>	<i>% of sub-sample</i>
Substantially less	182	14.4%
A little less	299	23.7%
The same amount of	420	33.3%
A little more	239	18.9%
Substantially more	121	9.6%

**TAKE HOME:** 28.5% of families report spending more MONEY than they did before the pandemic on their child's youth sport participation.

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## 3.2 COVID-19-related Barriers to Participation

**SURVEY ITEM:** Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.

	<i>n</i>	% of sub-sample
FULL restrictions	360	28.5%
PARTIAL restrictions	749	59.3%
NO restrictions	154	12.2%

**TAKE HOME:** 87.8% of families report FULL or PARTIAL restrictions remain on their children's sport participation.

**SURVEY ITEM:** Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation

(Families experiencing FULL and PARTIAL restrictions)

	<i>Fear of illness (Child)</i>	<i>Fear of illness (Parent)</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>	<i>Child Injury</i>	<i>Team doesn't exist</i>
Baseball	3.37	3.26	3.03	2.63	2.73	3.04	2.75
Basketball	3.47	3.25	2.89	2.48	2.72	2.84	2.66
Bicycling	3.58	3.31	3.31	3.00	3.31	3.00	3.38
Cross country	2.55	2.55	2.09	1.55	1.91	2.18	1.91
Field hockey	4.40	3.60	3.00	2.40	2.80	3.00	2.40
Flag football	3.52	3.35	3.07	2.57	3.15	3.11	2.96
Tackle football	3.12	3.16	2.77	2.39	2.47	2.96	2.39
Golf	3.93	3.80	3.60	3.00	3.53	3.33	3.33
Gymnastics	3.23	3.09	2.39	2.14	2.16	2.38	2.11
Ice hockey	2.10	2.40	2.00	1.20	1.90	2.20	1.50
Lacrosse	3.25	3.38	3.13	3.25	3.00	3.13	3.00
Martial arts	3.00	2.69	2.06	1.66	1.84	2.19	1.72
Skateboarding	3.50	3.30	3.00	2.80	2.90	2.50	2.60
Skiing/Snowboarding	3.00	3.00	3.00	2.00	2.67	2.67	3.00
Soccer	3.27	3.11	2.88	2.27	2.43	2.73	2.48
Softball	2.97	2.93	2.20	1.93	2.00	2.37	1.73
Swimming	3.35	3.05	2.90	2.23	2.53	2.78	2.43
Tennis	3.23	3.17	2.83	2.44	2.63	2.83	2.35
Track & field	3.44	3.70	2.70	2.41	2.63	2.63	2.07
Volleyball	3.12	3.06	2.50	2.02	2.42	2.46	1.88
Wrestling	3.67	3.67	2.89	2.78	2.67	2.67	2.11
Other sports	2.75	2.57	2.18	1.84	1.86	1.96	1.61
<b>FULL SAMPLE</b>	<b>3.30</b>	<b>3.16</b>	<b>2.79</b>	<b>2.35</b>	<b>2.56</b>	<b>2.74</b>	<b>2.45</b>

NOTE: Data were collected on a scale ranging from 1 (strongly disagree) to 5 (strongly agree)

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>		<i>Strongly Agree</i>	
	1	2	3	4	5	
Fear of illness (Child)	15.0%	14.9%	19.3%	26.8%	24.0%	50.8%
	29.9%					
Fear of illness (Parent)	15.0%	19.2%	19.2%	28.3%	18.3%	46.6%
	34.2%					
Schedule conflicts	20.6%	25.3%	22.1%	18.6%	13.3%	31.9%
	45.9%					
Child not interested	39.0%	23.3%	12.9%	13.4%	11.4%	24.8%
	62.3%					
Transport difficulty	29.1%	25.5%	18.1%	15.0%	12.2%	27.2%
	54.6%					
Child injury	23.8%	23.4%	20.8%	19.3%	12.7%	32.0%
	47.2%					
Team doesn't exist	35.7%	22.9%	15.1%	13.8%	12.5%	26.3%
	58.6%					

**TAKE HOME:** Parents whose children were experiencing FULL and PARTIAL restrictions reported a relatively consistent concern regarding a fear of illness for their child and for themselves ( $M = 3.30$  and  $M = 3.16$ , respectively). These values are down slightly from 3.57 and 3.31 in June 2020 and 3.63 and 3.47 in September 2020. Their children no longer being interested when sports return ( $M = 2.35$ ) was parents' lowest rated concern. This value remains close to the reported level of 2.24 in June and 2.44 in September. Overall, 50.8% of parents either "agreed" or "strongly agreed" that fear of illness for their child was a barrier to their child participating (down from 60.6% in June 2020 and 63.9% in September 2020). A plurality (46.6%) also "agreed" or "strongly agreed" that fear of illness for themselves was a barrier to their child participating (up from 52.7% in June 2020 and 59.3% in September 2020). For breakdowns by US region, community type, race, child sex, household income, child age, primary sport, and state, see Chapter 4.

**SURVEY ITEM:** *I am concerned with how quickly my child may ramp back up into intensive training/practice and games/competition following time away from sports*

(Families experiencing FULL and PARTIAL restrictions)

<i>n</i>	<i>Mean</i>	<i>SD</i>
1109	6.42	2.74

<i>Not at all Concerned</i>										<i>Very Concerned</i>
0	1	2	3	4	5	6	7	8	9	10
2.6%	5.9%	3.5%	4.2%	4.4%	12.4%	10.8%	16.3%	15.7%	9.2%	14.9%
12.0%			48.2%				39.8%			



NOTE: Data were collected on a sliding scale ranging from 0 (*less concerned*) to 10 (*more concerned*)

**TAKE HOME:** Of the 1109 parents whose children are still navigating FULL and PARTIAL restrictions on sport participation, 39.8% are concerned with how quickly their child may ramp back up into intensive training/practice and games/competition following time away from sports.

**SURVEY ITEM:** *Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation*

(Families experiencing NO restrictions)

	<i>Fear of illness (Child)</i>	<i>Fear of illness (Parent)</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>	<i>Child Injury</i>	<i>Team Doesn't Exist</i>
Baseball	2.46	2.54	2.38	2.23	2.08	2.31	1.92
Basketball	3.31	2.83	2.66	2.45	2.45	2.69	2.66
Bicycling	3.00	2.50	3.00	2.50	2.50	3.00	2.75
Cross country	1.00	1.00	4.00	3.00	2.00	3.00	3.00
Field hockey							
Flag football	1.00	1.00	1.00	4.00	2.00	2.00	2.00
Tackle football	2.22	1.78	2.78	1.67	1.89	2.00	1.56
Golf	1.00	1.00	2.00	1.00	1.00	1.00	1.00
Gymnastics	2.82	2.36	2.36	1.91	1.64	2.09	1.91
Ice hockey							
Lacrosse							
Martial arts	2.25	2.25	2.75	1.50	1.75	2.00	1.75
Skateboarding	4.00	4.00	4.00	3.00	2.00	3.00	2.00
Skiing/Snowboarding							
Soccer	2.29	2.10	2.26	1.87	1.87	2.16	1.58
Softball	2.75	2.25	2.38	2.13	2.13	2.00	1.88
Swimming	3.00	2.33	2.67	1.83	1.83	2.00	2.33
Tennis	2.00	2.33	2.00	1.67	2.00	1.67	1.67
Track & field	1.88	1.88	1.38	1.63	1.50	2.00	1.50
Volleyball	2.40	2.10	1.70	2.10	1.80	1.90	1.80
Wrestling	3.00	2.33	3.00	2.00	1.67	2.00	2.33
Other sports	2.50	2.40	1.50	1.80	1.80	2.60	1.40
<b>FULL SAMPLE</b>	<b>2.58</b>	<b>2.31</b>	<b>2.32</b>	<b>2.03</b>	<b>1.97</b>	<b>2.24</b>	<b>1.94</b>

NOTE: Data were collected on a scale ranging from 1 (*strongly disagree*) to 5 (*strongly agree*). Missing cells indicate that no participants in these sports (field hockey, ice hockey, lacrosse, skiing, snowboarding) reported experiencing NO restrictions.

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>		<i>Strongly Agree</i>	
	1	2	3	4	5	
Fear of illness (Child)	35.3	18.6	12.8%	19.2	14.1	33.3%
	53.9%					
Fear of illness (Parent)	41.7	18.6	14.7%	16.7	8.3	25.0%
	60.3%					
Schedule conflicts	37.8	24.4	14.7%	14.1	9.0	23.1%
	62.2%					
Child not interested	53.2	15.4	12.2%	13.5	5.8	19.3%
	68.6%					
Transport difficulty	46.2	26.9	15.4%	6.4	5.1	11.5%
	73.1%					
Child Injury	40.4	20.5	17.9%	16.7	4.5	21.2%
	60.9%					
Team doesn't exist	54.5	17.9	12.2%	10.3	5.1	15.4%
	72.4%					

**TAKE HOME:** Parents whose children were experiencing NO restrictions reported a relatively consistent concern regarding a fear of illness for their child and for themselves ( $M = 2.58$  and  $M = 2.31$ , respectively). These values are down sharply from 3.57 and 3.31 in June 2020 and 3.63 and 3.47 in September 2020. Transportation difficulty ( $M = 1.97$ ), down from 2.33 in June and 2.64 in September, was parents' lowest rated concern. Overall, 33.3% of parents either "agreed" or "strongly agreed" that fear of illness for their child was a barrier to their child participating (cut nearly in half from 60.6% in June 2020 and 63.9% in September 2020). Only 25.0% "agreed" or "strongly agreed" that fear of illness for themselves was a barrier to their child participating (again, down sharply from 52.7% in June 2020 and 59.3% in September 2020). For breakdowns by US region, community type, race, child sex, household income, child age, primary sport, and state, see Chapter 4.

**SURVEY ITEM:** *I am concerned with how quickly my child ramped back up into intensive training/practice and games/competition following time away from sports*

(Families experiencing NO restrictions)

<i>n</i>	<i>Mean</i>	<i>SD</i>
154	4.01	3.18

<i>Not at all Concerned</i>										<i>Very Concerned</i>
0	1	2	3	4	5	6	7	8	9	10
16.2%	16.2%	9.7%	5.2%	7.8%	9.7%	9.7%	8.4%	6.5%	3.9%	6.5%
42.1%			40.8%				17.1%			

**NOTE:** Data were collected on a sliding scale ranging from 0 (*less concerned*) to 10 (*more concerned*)

**TAKE HOME:** Of the 154 parents whose children have NO restrictions on their sport participation, 17.1% identified as being “very concerned” with how quickly their child has ramped back up into intensive training/practice and games/competition following their time away from sports.

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**SURVEY ITEM:** *Studies suggest that most children are not yet participating and/or competing in sports at pre-pandemic levels. What, if anything, has taken the place of organized youth sports in your family’s daily schedule?*

	<i>n</i>	<i>% of sub-sample</i>
Travel	95	7.5%
Other forms of entertainment	221	17.5%
Games and free play at home	478	37.9%
Hobbies and other interests	243	19.3%
Nothing. My child is participating regularly in sport	223	17.7%

**TAKE HOME:** A plurality of parents (37.9%) indicated that games and free play at home have taken the place of organized youth sport during COVID-19-related restrictions.

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### 3.3 Comfort with sport and physical activity participation

**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>M</i>	<i>SD</i>
Individual pickup sports	3.83	1.14
Neighborhood pickup games	3.71	1.13
Intramural sports at school	3.58	1.15
Interscholastic school sports	3.49	1.21
Community based sport	3.56	1.20
Travel/elite or club league sport	3.30	1.32

*NOTE:* Data were collected on a scale ranging from 1 (*extremely uncomfortable*) to 5 (*extremely comfortable*)

	<i>Extremely Uncomfortable</i> 1	<i>Uncomfortable</i> 2	<i>Neither Uncomfortable nor Comfortable</i> 3	<i>Comfortable</i> 4	<i>Extremely Comfortable</i> 5
Individual pickup sports	4.5%	10.6%	15.1%	36.4%	33.2%
	15.1%			69.6%	
Neighborhood pickup games	4.0%	13.1%	18.8%	36.0%	27.9%
	17.1%			63.9%	
Intramural sports at school	5.1%	14.5%	21.7%	34.2%	24.3%
	19.6%			58.5%	
Interscholastic school sports	7.2%	15.8%	21.3%	32.3%	23.2%
	23.0%			55.5%	
Community based sport	6.4%	14.6%	21.6%	31.3%	26.0%
	21.0%			57.3%	
Travel/elite or club league sport	12.8%	16.1%	21.1%	27.8%	22.0%
	28.9%			49.8%	

**TAKE HOME:** Parents reported feeling more comfortable with children participating in less-competitive forms of sport within their communities and less comfortable with children participating in more-competitive forms of sport away from their communities. For breakdowns by US region, community type, race, child sex, household income, child age, primary sport, and state, see Chapter 4.

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**SURVEY ITEM:** Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.

	Number of Times Ranking Given						Mean Rank
	1	2	3	4	5	6	
Federal protocols	353	192	229	231	116	138	2.98
State protocols	143	337	282	246	181	70	3.15
Local protocols	145	224	330	242	213	105	3.37
League, organization, or team protocols	217	122	212	325	171	212	3.59
Me getting a vaccine	158	222	111	121	429	218	3.87
My child getting a vaccine	243	162	95	94	149	516	4.03

**TAKE HOME:** Parents described macro influences (e.g., federal protocols) as being most important, on average, to their comfort with children re-engaging in regular youth sport participation. Parent vaccines and child vaccines were ranked lowest on the list, respectively.

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# 4

## GROUP DIFFERENCES

## 4.1 Differences by US Region

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
Northeast	267	21.1%
Southeast	330	26.2%
Midwest	212	16.8%
Southwest	168	13.3%
West	286	22.6%
<b>FULL SAMPLE</b>	<b>1263</b>	<b>100.0%</b>

---

**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
Northeast	28.5%	62.2%	9.3%
Southeast	27.7%	58.6%	13.7%
Midwest	26.9%	61.3%	11.8%
Southwest	31.0%	52.3%	16.7%
West	29.4%	59.1%	11.5%

**TAKE HOME:** The southwest region has the highest rate of FULL restrictions *and* the highest rate of NO restrictions. The majority of parents in all five regions, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

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**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
Northeast	40.4%	39.0%	20.6%
Southeast	40.6%	46.7%	12.1%
Midwest	41.5%	48.6%	9.9%
Southwest	43.5%	42.9%	13.7%
West	35.3%	50.3%	14.3%

**TAKE HOME:** Athletes in the northeast have resumed at a relatively higher level/amount (20.6%) than their counterparts from the other four regions (9.9% to 14.3%).

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>Free Play</i>	<i>Community-Based</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Travel/Elite or Club</i>
Northeast	58.4%	40.1%	32.6%	36.7%	14.6%
Southeast	51.2%	40.6%	30.3%	30.0%	12.4%
Midwest	55.2%	32.5%	28.8%	33.0%	11.8%
Southwest	53.6%	38.7%	33.9%	32.1%	7.7%
West	55.2%	43.7%	28.0%	33.6%	12.9%

**TAKE HOME:** Athletes in the southwest are participating in travel/elite or club sports at a lower rate (7.7%) than their counterparts from the other four regions (between 11.8% to 14.6%, respectively). More than half the athletes in all five regions are engaging in free play in their primary sport.

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**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<b>TOTAL</b>
Northeast	3.67	2.24	3.25	2.89	12.04
Southeast	3.31	2.16	3.79	2.84	12.08
Midwest	3.71	1.83	3.26	2.51	11.31
Southwest	3.44	2.14	3.47	3.07	12.10
West	3.62	2.59	3.78	3.37	13.36
<b>FULL SAMPLE</b>	<b>3.54</b>	<b>2.22</b>	<b>3.54</b>	<b>2.95</b>	<b>12.23</b>

**NOTES:** No statistically significant differences across US regions were found

**TAKE HOME:** Athletes in the west are participating in more hours of organized sport per week (13.36) than athletes from other regions (range: 11.31 to 12.10).

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**SURVEY ITEM:** *Our family is now spending \_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
Northeast	2.97
Southeast	2.82
Midwest	2.87
Southwest	2.73
West	2.85

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Substantially More</i> 5
Northeast	12.4%	22.5%	31.1%	24.0%	10.1%
	34.9%			34.1%	
Southeast	12.7%	23.9%	39.7%	14.2%	8.8%
	36.6%			23.0%	
Midwest	15.1%	22.6%	34.0%	16.5%	11.8%
	37.7%			28.3%	
Southwest	20.2%	17.9%	38.1%	16.1%	7.7%
	38.1%			23.8%	
West	14.3%	28.7%	24.5%	23.1%	9.4%
	43.0%			32.5%	

**TAKE HOME:** There were no significant differences by region on how much MONEY parents report spending in youth sport, compared to pre-pandemic levels.

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
Northeast	2.93
Southeast	2.81
Midwest	2.72
Southwest	2.75
West	2.88

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>
Northeast	13.1	26.6	26.6%	21.3	12.4
	39.7%			33.7%	
Southeast	13.0	27.0	33.9%	16.7	8.8
	40.0%			25.5%	
Midwest	15.6	32.1	25.5%	18.9	8.0
	47.7%			26.9%	
Southwest	18.5	24.4	29.8%	18.5	8.9
	42.9%			27.4%	
West	15.4	29.0	21.0%	21.3	13.3
	44.4%			34.6%	

**TAKE HOME:** There were no significant differences by region on how much TIME parents report spending in youth sport, compared to pre-pandemic levels.

---

**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
Northeast	3.91	3.84	3.68	3.53	3.64	3.64
Southeast	3.86	3.70	3.59	3.49	3.52	3.52
Midwest	3.90	3.71	3.62	3.54	3.61	3.61
Southwest	3.72	3.68	3.59	3.54	3.56	3.56
West	3.74	3.62	3.45	3.37	3.49	3.49
<b>FULL SAMPLE</b>	<b>3.83</b>	<b>3.71</b>	<b>3.58</b>	<b>3.49</b>	<b>3.56</b>	<b>3.56</b>

**TAKE HOME:** There were no significant differences by region on how comfortable parents were with their children participating in the various types of sport activities.

---

**SURVEY ITEM:** Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.

	Federal protocols	State protocols	Local protocols	League, organization, or team protocols	Me getting a vaccine	My child getting a vaccine
Northeast	2.83 <sup>b</sup>	3.18	3.52	3.63 <sup>b</sup>	3.88	3.96
Southeast	2.95 <sup>b</sup>	3.14	3.38	3.64 <sup>b</sup>	3.82	4.08
Midwest	3.30 <sup>a</sup>	3.31	3.34	3.20 <sup>a</sup>	3.82	4.03
Southwest	2.82 <sup>b</sup>	3.05	3.38	3.61 <sup>b</sup>	3.99	4.15
West	3.04 <sup>ab</sup>	3.09	3.24	3.79 <sup>b</sup>	3.88	3.95
<b>FULL SAMPLE</b>	<b>2.98</b>	<b>3.15</b>	<b>3.37</b>	<b>3.59</b>	<b>3.87</b>	<b>4.03</b>

**TAKE HOME:** Parents in the Midwest region rated federal protocols and league/organization/team protocols as more important to their children RE-ENGAGING in regular youth sports participation and competition than parents from the other regions.

**SURVEY ITEM:** Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.

	Fear of illness (Child)	Fear of illness (Parent)	Schedule conflicts	Child not interested	Transport difficulty	Child Injury	Team Doesn't Exist
Northeast	3.40 <sup>a</sup>	3.27 <sup>a</sup>	2.90 <sup>a</sup>	2.48	2.61	2.82	2.48
Southeast	3.23 <sup>a</sup>	3.11 <sup>ab</sup>	2.69 <sup>ab</sup>	2.25	2.48	2.70	2.31
Midwest	2.93 <sup>b</sup>	2.83 <sup>c</sup>	2.50 <sup>b</sup>	2.20	2.28	2.50	2.21
Southwest	3.20 <sup>ab</sup>	2.95 <sup>bc</sup>	2.78 <sup>a</sup>	2.40	2.53	2.63	2.45
West	3.22 <sup>a</sup>	3.01 <sup>bc</sup>	2.76 <sup>a</sup>	2.24	2.49	2.66	2.47
<b>FULL SAMPLE</b>	<b>3.21</b>	<b>3.05</b>	<b>2.73</b>	<b>2.31</b>	<b>2.48</b>	<b>2.67</b>	<b>2.38</b>

**NOTES:** Significant differences across regions are denoted by different superscripts. US regions with matching superscripts are not significantly different from one another.

	<b>Northeast</b>				
	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neither Agree nor Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
	1	2	3	4	5
Fear of Illness (Child)	17.2%	11.2%	14.2%	29.2%	28.1%
	28.4%			57.3%	
Fear of Illness (Parent)	17.2%	13.1%	16.1%	32.2%	21.3%
	30.3%			53.5%	
Schedule conflicts	21.0%	19.9%	24.7%	17.6%	16.9%
	40.9%			34.5%	
Child not interested	37.5%	21.0%	11.9%	15.4%	14.2%
	58.5%			29.6%	
Transport difficulty	30.0%	22.5%	16.9%	18.4%	12.4%
	52.5%			30.8%	
Child injury	25.8%	18.0%	19.9%	20.6%	15.7%
	43.8%			36.3%	
Team Doesn't exist	39.0%	15.7%	15.7%	17.6%	12.0%
	54.7%			29.6%	

	<b>Southeast</b>				
	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neither Agree nor Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
	1	2	3	4	5
Fear of Illness (Child)	14.9%	16.8%	19.5%	28.0%	20.7%
	31.7%			48.7%	
Fear of Illness (Parent)	15.5%	17.7%	21.6%	30.5%	14.6%
	33.2%			45.1%	
Schedule conflicts	20.7%	29.0%	22.0%	17.4%	11.0%
	49.7%			28.4%	
Child not interested	42.1%	19.8%	17.1%	12.8%	8.2%
	61.9%			21.0%	
Transport difficulty	31.1%	25.0%	19.5%	13.1%	11.3%
	56.1%			24.4%	
Child injury	22.9%	25.6%	21.0%	19.8%	10.7%
	48.5%			30.5%	
Team Doesn't exist	39.3%	24.7%	12.5%	12.5%	11.0%
	64.0%			23.5%	

**Midwest**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	24.5%	16.5%	16.5%	25.9%	16.5%
	41.0%			42.4%	
Fear of Illness (Parent)	23.1%	22.6%	16.0%	24.5%	13.7%
	45.7%			38.2%	
Schedule conflicts	28.8%	27.8%	17.9%	16.0%	9.4%
	56.6%			25.4%	
Child not interested	45.3%	23.6%	7.5%	13.2%	10.4%
	68.9%			23.6%	
Transport difficulty	35.4%	29.7%	14.2%	12.7%	8.0%
	65.1%			20.7%	
Child injury	30.7%	24.1%	19.8%	15.6%	9.9%
	54.8%			25.5%	
Team Doesn't exist	42.5%	23.1%	14.6%	10.8%	9.0%
	65.6%			19.8%	

**Southwest**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	16.1%	16.7%	20.2%	25.0%	22.0%
	32.8%			47.0%	
Fear of Illness (Parent)	19.6%	21.4%	20.2%	22.0%	16.7%
	41.0%			38.7%	
Schedule conflicts	23.8%	21.4%	21.4%	19.6%	13.7%
	45.2%			33.3%	
Child not interested	36.3%	24.4%	14.9%	11.3%	13.1%
	60.7%			24.4%	
Transport difficulty	32.7%	19.6%	22.0%	13.1%	12.5%
	52.3%			25.6%	
Child injury	28.6%	22.0%	19.6%	17.3%	12.5%
	50.6%			29.8%	
Team Doesn't exist	35.7%	22.0%	15.5%	14.9%	11.9%
	57.7%			26.8%	

**West**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	1	2	3	4	5
Fear of Illness (Child)	16.4%	16.1%	21.7%	20.6%	25.2%
	32.5%			45.8%	
Fear of Illness (Parent)	18.2%	22.4%	18.5%	22.4%	18.5%
	40.6%			40.9%	
Schedule conflicts	21.7%	26.2%	19.2%	19.9%	12.9%
	47.9%			32.8%	
Child not interested	41.6%	24.1%	11.6%	13.6%	9.1%
	65.7%			22.7%	
Transport difficulty	28.7%	30.1%	16.8%	12.2%	12.2%
	58.8%			24.4%	
Child injury	24.1%	24.8%	21.3%	19.9%	9.8%
	48.9%			29.7%	
Team Doesn't exist	33.6%	25.2%	16.1%	11.5%	13.6%
	58.8%			25.1%	

**TAKE HOME:** There were three potential barriers that were perceived differently by parents across region: Fear of illness (child), fear of illness (parent), and schedule conflicts. In all cases, parents from the northeast rated these factors as more likely to be a potential barrier to their child’s sport participation.

## 4.2 Differences by Community Type

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
Urban	624	49.4%
Suburban	487	38.6%
Rural	152	12.0%
<b>FULL SAMPLE</b>	<b>1263</b>	<b>100.0%</b>

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**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
Urban	38.6%	52.9%	8.5%
Suburban	17.7%	67.3%	15.0%
Rural	21.9%	58.3%	19.9%

**TAKE HOME:** Urban communities had the highest rate of FULL restrictions and rural communities had the highest rate of NO restrictions. The majority of parents in all three community types, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

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**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
Urban	40.1%	40.5%	19.4%
Suburban	51.9%	38.3%	9.9%
Rural	49.7%	43.0%	7.3%

**TAKE HOME:** Athletes from urban communities have resumed at a relatively higher level/amount (20.6%) than their counterparts from other community types (7.3% to 9.9%).

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>Free Play</i>	<i>Community-Based</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Travel/Elite or Club</i>
Urban	60.4%	48.1%	37.3%	36.1%	11.7%
Suburban	47.8%	33.5%	23.6%	30.0%	12.7%
Rural	52.6%	24.3%	24.3%	30.3%	13.2%

**TAKE HOME:** Athletes in urban communities are participating in free play at a higher rate (60.4%) than their counterparts from suburban and rural communities (between 47.8% to 52.6%, respectively). Between 11.7% and 13.2% of athletes in all three community types are engaging in travel/elite or club teams in their primary sport.

**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<b>TOTAL</b>
Urban	4.01 <sup>a</sup>	3.16 <sup>a</sup>	3.78	3.62 <sup>a</sup>	14.54 <sup>a</sup>
Suburban	3.08 <sup>b</sup>	1.36 <sup>b</sup>	3.25	2.28 <sup>b</sup>	9.96 <sup>b</sup>
Rural	3.11 <sup>b</sup>	1.08 <sup>b</sup>	3.50	2.31 <sup>b</sup>	10.00 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.54</b>	<b>2.22</b>	<b>3.54</b>	<b>2.95</b>	<b>12.23</b>

**NOTES:** Significant differences across community types are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

**TAKE HOME:** Athletes in urban communities are participating in more hours of organized sport per week (14.54) than athletes from other regions (range: 9.96 to 10.00).

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
Urban	3.10
Suburban	2.60
Rural	2.65

**NOTE:** Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*)



	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>
Urban	10.9%	21.0%	29.2%	24.7%	14.3%
	31.9%			39.0%	
Suburban	17.3%	27.8%	37.0%	13.4%	4.5%
	45.1%			17.9%	
Rural	19.9%	21.9%	38.4%	13.2%	6.6%
	41.8%			19.9%	

**TAKE HOME:** Families who lived in urban communities had parents who reported spending more MONEY on their children’s youth sport participation than families who lived in suburban and rural communities, compared to pre-pandemic levels.

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**SURVEY ITEM:** *Our family is now spending \_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>M</i>
Urban	3.14
Suburban	2.51
Rural	2.56

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>
Urban	10.4%	22.9%	25.3%	25.2%	16.2%
	33.3%			41.4%	
Suburban	19.3%	33.3%	28.8%	13.6%	4.9%
	52.6%			18.5%	
Rural	17.9%	31.1%	32.5%	13.9%	4.6%
	49.0%			18.5%	

**TAKE HOME:** Families who lived in urban communities had parents who reported spending more TIME on their children’s youth sport participation than families who lived in suburban and rural communities, compared to pre-pandemic levels.

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**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
Urban	3.98 <sup>b</sup>	3.89 <sup>b</sup>	3.71 <sup>b</sup>	3.63 <sup>b</sup>	3.69	3.69 <sup>a</sup>
Suburban	3.62 <sup>a</sup>	3.44 <sup>a</sup>	3.38 <sup>a</sup>	3.26 <sup>a</sup>	3.39	3.39 <sup>b</sup>
Rural	3.90 <sup>b</sup>	3.81 <sup>b</sup>	3.69 <sup>b</sup>	3.59 <sup>ab</sup>	3.57	3.57 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.83</b>	<b>3.71</b>	<b>3.58</b>	<b>3.49</b>	<b>3.56</b>	<b>3.56</b>

**TAKE HOME:** Parents from urban communities were most comfortable with their children participating in the various types of sport activities.

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**SURVEY ITEM:** *Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.*

	<i>Federal protocols</i>	<i>State protocols</i>	<i>Local protocols</i>	<i>League, organization, or team protocols</i>	<i>Me getting a vaccine</i>	<i>My child getting a vaccine</i>
Urban	2.73 <sup>a</sup>	3.19	3.54 <sup>a</sup>	3.81 <sup>a</sup>	3.82 <sup>b</sup>	3.91
Suburban	3.20 <sup>b</sup>	3.15	3.27 <sup>b</sup>	3.45 <sup>b</sup>	3.82 <sup>b</sup>	4.10
Rural	3.31 <sup>b</sup>	3.02	3.03 <sup>b</sup>	3.14 <sup>c</sup>	4.23 <sup>a</sup>	4.27
<b>FULL SAMPLE</b>	<b>2.98</b>	<b>3.15</b>	<b>3.37</b>	<b>3.59</b>	<b>3.87</b>	<b>4.03</b>

**TAKE HOME:** Parents in urban communities rated federal protocols as more important to their children RE-ENGAGING in regular youth sports participation and competition than parents from the other community types. They rated local and league/organization/team protocols as less important to their children RE-ENGAGING in in sport. Finally, Parents in rural communities rated parents getting the vaccine as less important to their children RE-ENGAGING.

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**SURVEY ITEM:** Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.

	<i>Fear of illness (Child)</i>	<i>Fear of illness (Parent)</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>	<i>Child Injury</i>	<i>Team doesn't exist</i>
Urban	3.54 <sup>a</sup>	3.33 <sup>a</sup>	3.01 <sup>a</sup>	2.53 <sup>a</sup>	2.79 <sup>a</sup>	3.00	2.73
Suburban	2.91 <sup>b</sup>	2.80 <sup>b</sup>	2.50 <sup>b</sup>	2.10 <sup>b</sup>	2.20 <sup>b</sup>	2.36	2.07
Rural	2.79 <sup>b</sup>	2.71 <sup>b</sup>	2.29 <sup>b</sup>	2.07 <sup>b</sup>	2.14 <sup>b</sup>	2.33	1.95
<b>FULL SAMPLE</b>	<b>3.21</b>	<b>3.05</b>	<b>2.73</b>	<b>2.31</b>	<b>2.48</b>	<b>2.67</b>	<b>2.38</b>

NOTES: Significant differences across community types are denoted by different superscripts. Community types with matching superscripts are not significantly different from one another.

Urban	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	1	2		4	5
Fear of Illness (Child)	12.7%	12.3%	14.7%	28.5%	31.7%
	25.0%			60.2%	
Fear of Illness (Parent)	14.3%	15.4%	16.0%	31.3%	23.1%
	29.7%			54.4%	
Schedule conflicts	18.4%	20.7%	20.2%	22.6%	18.1%
	39.1%			40.7%	
Child not interested	37.0%	20.0%	10.1%	18.6%	14.3%
	57.0%			32.9%	
Transport difficulty	25.8%	22.0%	16.8%	18.3%	17.1%
	47.8%			35.4%	
Child injury	19.1%	20.7%	18.3%	24.7%	17.3%
	39.8%			42.0%	
Team Doesn't exist	30.6%	19.6%	14.6%	16.5%	18.8%
	50.2%			35.3%	

	<b>Suburban</b>				
	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neither Agree nor Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
	1	2	3	4	5
Fear of Illness (Child)	20.8%	19.1%	22.2%	24.1%	13.8%
	39.9%			37.9%	
Fear of Illness (Parent)	20.6%	24.1%	21.4%	23.0%	10.9%
	44.7%			33.9%	
Schedule conflicts	25.7%	29.2%	22.2%	15.0%	7.8%
	54.9%			22.8%	
Child not interested	43.8%	25.3%	14.6%	9.3%	7.0%
	69.1%			16.3%	
Transport difficulty	35.8%	29.2%	19.3%	10.5%	5.1%
	65.0%			15.6%	
Child injury	31.5%	26.5%	22.4%	13.8%	5.8%
	58.0%			19.6%	
Team Doesn't exist	44.4%	24.1%	15.6%	11.9%	3.9%
	68.5%			15.8%	

	<b>Rural</b>				
	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neither Agree nor Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
	1	2	3	4	5
Fear of Illness (Child)	27.2%	15.9%	21.9%	20.5%	14.6%
	43.1%			35.1%	
Fear of Illness (Parent)	27.8%	18.5%	20.5%	21.2%	11.9%
	46.3%			33.1%	
Schedule conflicts	31.1%	31.1%	21.9%	9.3%	6.6%
	62.2%			15.9%	
Child not interested	46.4%	21.9%	18.5%	5.3%	7.9%
	68.3%			13.2%	
Transport difficulty	39.1%	29.8%	16.6%	7.3%	7.3%
	68.9%			14.6%	
Child injury	35.8%	21.9%	23.2%	11.9%	7.3%
	57.7%			19.2%	
Team Doesn't exist	47.7%	27.8%	12.6%	5.3%	6.6%
	75.5%			11.9%	

**TAKE HOME:** There were five potential barriers that were perceived differently by parents across region: Fear of illness (child), fear of illness (parent), schedule conflicts, child interest, and transport difficulty. In all cases, parents from urban communities rated these factors as more likely to be a potential barrier to their child's sport participation.

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## 4.3 Differences by Race/Ethnicity

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
Black or African American	164	13.0%
Hispanic, Latino, or Spanish	231	18.3%
White	755	59.8%
<b>FULL SMAPLE</b>	<b>1150</b>	<b>91.1%</b>

*NOTE:* Due to small sample sizes, group differences could not be calculated across all races and ethnicities. The three largest sub-groups (*White, Hispanic, Latino, or Spanish Origin, Black or African American*) were therefore compared across the variables of interest.

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**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
Black or African American	31.7%	54.9%	13.4%
Hispanic, Latino, or Spanish	22.9%	67.1%	10.0%
White	30.4%	56.4%	13.1%

**TAKE HOME:** Black or African American families reported the highest rate of FULL restrictions *and* NO restrictions. The majority of parents across all three races, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

---

**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
Black or African American	46.3%	31.7%	22.0%
Hispanic, Latino, or Spanish	57.1%	35.9%	6.9%
White	41.4%	43.3%	15.3%

**TAKE HOME:** Black or African American athletes have resumed at a relatively higher level/amount (22.0%) than their White or Hispanic counterparts (6.9% and 15.3%, respectively).

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>Free Play</i>	<i>Community-Based</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Travel/Elite or Club</i>
Black or African American	59.1%	50.0%	28.7%	31.7%	12.8%
Hispanic, Latino, or Spanish	52.4%	40.7%	25.1%	25.1%	12.1%
White	54.8%	37.2%	32.8%	37.4%	12.1%

**TAKE HOME:** Black or African American athletes are participating in free play at a higher rate (59.1%) than their counterparts (52.4% and 54.8%, respectively). Further, they are also participating in community-based sport contexts at a higher rate (50.0%) than their counterparts (37.2% and 40.7%, respectively). Between 12.1% and 12.8% of athletes from all three racial/ethnic backgrounds are engaging in travel/elite or club teams in their primary sport.

**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<b>TOTAL</b>
Black or African American	4.35 <sup>a</sup>	3.24 <sup>a</sup>	5.02 <sup>a</sup>	4.05 <sup>a</sup>	16.67 <sup>a</sup>
Hispanic, Latino, or Spanish	2.71 <sup>c</sup>	1.99 <sup>b</sup>	2.84 <sup>b</sup>	2.66 <sup>b</sup>	10.19 <sup>b</sup>
White	3.57 <sup>b</sup>	2.09 <sup>b</sup>	3.44 <sup>b</sup>	2.87 <sup>b</sup>	11.95 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.54</b>	<b>2.22</b>	<b>3.54</b>	<b>2.95</b>	<b>12.23</b>

**NOTES:** Significant differences across race/ethnicity are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

**TAKE HOME:** Black or African American athletes are participating in more hours of organized sport per week (16.67) than athletes from other racial/ethnic backgrounds (range: 10.19 to 11.95).

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
Black or African American	2.98
Hispanic, Latino, or Spanish	2.69
White	2.92

**NOTE:** Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Substantially More</i> 5
Black or African American	11.0%	23.2%	32.9%	22.6%	10.4%
	34.2%			33.0%	
Hispanic, Latino, or Spanish	18.6%	24.7%	33.8%	15.2%	7.8%
	43.3%			23.0%	
White	13.4%	23.1%	32.4%	20.2%	10.9%
	36.5%			31.1%	

**TAKE HOME:** There were no significant differences by region on how much MONEY parents report spending in youth sport, compared to pre-pandemic levels.

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>M</i>
Black or African American	3.10
Hispanic, Latino, or Spanish	2.66
White	2.84

**NOTE:** Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Significantly Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Significantly More</i> 5
Black or African American	9.8%	23.8%	26.2%	27.4%	12.8%
	33.6%			40.2%	
Hispanic, Latino, or Spanish	17.3%	29.9%	29.0%	16.9%	6.9%
	47.2%			23.8%	
White	15.3%	27.6%	26.3%	19.3%	11.6%
	42.9%			30.9%	

**TAKE HOME:** More Black or African American families reported spending a little more or significantly more TIME on their children's youth sport participation (40.2%) than families of other races/ethnicities (23.8% and 30.9%, respectively), compared to pre-pandemic levels.



**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Inter-scholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
Black or African American	3.78	3.62	3.49	3.47	3.54	3.54
Hispanic, Latino, or Spanish	3.56	3.45	3.42	3.32	3.40	3.40
White	4.00	3.86	3.69	3.60	3.67	3.67
<b>FULL SAMPLE</b>	<b>3.83</b>	<b>3.71</b>	<b>3.58</b>	<b>3.49</b>	<b>3.56</b>	<b>3.56</b>

**TAKE HOME:** There were no significant differences by race/ethnicity on how comfortable parents were with their children participating in the various types of sport activities.

**SURVEY ITEM:** *Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.*

	<i>Federal protocols</i>	<i>State protocols</i>	<i>Local protocols</i>	<i>League, organization, or team protocols</i>	<i>Me getting a vaccine</i>	<i>My child getting a vaccine</i>
Black or African American	2.66	3.03	3.42	3.73	3.98	4.18
Hispanic, Latino, or Spanish	2.90	3.08	3.33	3.64	3.91	4.14
White	3.09	3.21	3.37	3.52	3.86	3.95
<b>FULL SAMPLE</b>	<b>2.98</b>	<b>3.15</b>	<b>3.37</b>	<b>3.59</b>	<b>3.87</b>	<b>4.03</b>

**TAKE HOME:** There were no differences across race/ethnicity in the importance placed on these factors.

**SURVEY ITEM:** *Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.*

	<i>Fear of illness (Child)</i>	<i>Fear of illness (Parent)</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>	<i>Child injury</i>	<i>Team Doesn't Exist</i>
Black or African American	3.23	3.06	2.57	2.19	2.44	2.70	2.40
Hispanic, Latino, or Spanish	3.23	3.03	2.69	2.27	2.40	2.56	2.25
White	3.21	3.05	2.76	2.37	2.53	2.71	2.45
<b>FULL SAMPLE</b>	<b>3.21</b>	<b>3.05</b>	<b>2.73</b>	<b>2.31</b>	<b>2.48</b>	<b>2.67</b>	<b>2.38</b>

**NOTES:** Significant differences across race/ethnicity are denoted by different superscripts. Races with matching superscripts are not significantly different from one another.

Black or African American	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>Disagree</i>			<i>Agree</i>	
	1	2		4	5
Fear of Illness (Child)	14.6%	12.8%	23.2%	33.5%	15.9%
	27.4%			49.4%	
Fear of Illness (Parent)	15.2%	22.0%	19.5%	28.0%	15.2%
	37.2%			43.2%	
Schedule conflicts	26.2%	21.3%	28.0%	17.7%	6.7%
	47.5%			24.4%	
Child not interested	44.5%	18.9%	17.7%	11.0%	7.9%
	63.4%			18.9%	
Transport difficulty	29.3%	29.3%	19.5%	12.2%	9.8%
	58.6%			22.0%	
Child injury	23.2%	24.4%	23.2%	18.3%	11.0%
	47.6%			29.3%	
Team Doesn't exist	39.6%	15.9%	20.1%	14.0%	10.4%
	55.5%			24.4%	

Hispanic, Latino, or Spanish	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>Disagree</i>			<i>Agree</i>	
	1	2		4	5
Fear of Illness (Child)	18.6%	12.1%	20.3%	25.1%	23.8%
	30.7%			48.9%	
Fear of Illness (Parent)	20.3%	16.5%	21.6%	23.4%	18.2%
	36.8%			41.6%	
Schedule conflicts	23.4%	26.4%	21.2%	16.0%	13.0%
	49.8%			29.0%	
Child not interested	38.5%	27.7%	11.7%	12.6%	9.5%
	66.2%			22.1%	
Transport difficulty	36.8%	21.2%	17.3%	14.3%	10.4%
	58.0%			24.7%	
Child injury	27.7%	24.2%	21.6%	17.3%	9.1%
	51.9%			26.4%	
Team Doesn't exist	39.8%	25.5%	13.9%	11.7%	9.1%
	65.3%			20.8%	

**White**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>		<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	
Fear of Illness (Child)	17.7%	16.9%	16.7%	24.7%	24.0%	
	34.6%			48.7%		
Fear of Illness (Parent)	18.9%	19.4%	16.9%	27.4%	17.5%	
	38.3%			44.9%		
Schedule conflicts	22.4%	26.3%	18.3%	18.3%	14.6%	
	48.7%			32.9%		
Child not interested	40.4%	21.4%	11.8%	13.9%	12.5%	
	61.8%			26.4%		
Transport difficulty	30.0%	26.4%	16.3%	14.6%	12.6%	
	56.4%			27.2%		
Child injury	25.6%	22.6%	19.4%	19.5%	12.9%	
	48.2%			32.4%		
Team Doesn't exist	36.4%	23.1%	13.1%	13.8%	13.5%	
	59.5%			27.3%		

**TAKE HOME:** There were no differences in parent perceptions of potential barriers across race.

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## 4.4 Differences by Child Sex

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
Male	636	50.4%
Female	623	49.3%
<b>FULL SAMPLE</b>	<b>1259</b>	<b>99.7%</b>

*NOTE:* Due to a small number of athletes who were identified as non-binary ( $n = 4$ ), group differences on the variables of interest were only conducted between *Male* and *Female* youth.

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**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
Male	33.9%	56.4%	9.8%
Female	23.2%	61.9%	15.0%

**TAKE HOME:** Male athletes had the highest rate of FULL restrictions and female athletes had the highest rate of NO restrictions. The majority of parents of male and female athletes, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

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**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
Male	43.6%	39.2%	17.2%
Female	48.1%	40.7%	11.3%

**TAKE HOME:** Male athletes have resumed at a relatively higher level/amount (17.2%) than female athletes (11.3%).

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	Free Play	Community-Based	Intramural	Interscholastic	Travel/Elite or Club
Male	58.2%	46.2%	33.0%	35.8%	11.5%
Female	51.2%	32.6%	28.1%	30.3%	13.0%

**TAKE HOME:** Male athletes are participating in free play at a higher rate (58.2%) than female athletes (51.2%). Between 11.5% and 13.0% of male and female athletes, respectively, are engaging in travel/elite or club teams in their primary sport.

**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	Pickup/Free play	Virtual Training	Focused Practice or Drills	Games or Competition	TOTAL
Male	4.02 <sup>a</sup>	2.68 <sup>a</sup>	3.96 <sup>a</sup>	3.57 <sup>a</sup>	14.22 <sup>a</sup>
Female	3.06 <sup>b</sup>	1.75 <sup>b</sup>	3.13 <sup>b</sup>	2.32 <sup>b</sup>	10.25 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.54</b>	<b>2.22</b>	<b>3.54</b>	<b>2.95</b>	<b>12.23</b>

**NOTES:** Significant differences across child sex are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

**TAKE HOME:** Male athletes are participating in more hours of organized sport per week (14.22) than female athletes (10.25).

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	M
Male	3.04
Female	2.67

**NOTE:** Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	Substantially Less 1	A Little Less 2	About the Same 3	A Little More 4	Substantially More 5
Male	11.5%	21.7%	31.5%	22.2%	13.1%
	33.2%			35.3%	
Female	17.5%	25.9%	35.0%	15.4%	6.1%
	43.4%			21.5%	

**TAKE HOME:** Parents of male children reported spending more MONEY on their children’s youth sport participation than parents of female children, compared to pre-pandemic levels.

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**SURVEY ITEM:** *Our family is now spending \_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>M</i>
Male	3.04
Female	2.61

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Substantially More</i> 5
Male	13.4%	23.1%	24.7%	23.5%	15.3%
	36.5%			38.8%	
Female	16.2%	32.8%	30.4%	15.0%	5.6%
	49.0%			20.6%	

**TAKE HOME:** Parents of male children reported spending more TIME on their children’s youth sport participation than parents of female children, compared to pre-pandemic levels.

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**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
Male	3.93 <sup>a</sup>	3.80 <sup>a</sup>	3.69 <sup>a</sup>	3.58 <sup>a</sup>	3.67 <sup>a</sup>	3.67 <sup>a</sup>
Female	3.74 <sup>b</sup>	3.62 <sup>b</sup>	3.47 <sup>b</sup>	3.39 <sup>b</sup>	3.44 <sup>b</sup>	3.44 <sup>b</sup>

**TAKE HOME:** Parents of male athletes were more comfortable with their children participating in the various types of sport activities.

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**SURVEY ITEM:** Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.

	<i>Federal protocols</i>	<i>State protocols</i>	<i>Local protocols</i>	<i>League, organization, or team protocols</i>	<i>Me getting a vaccine</i>	<i>My child getting a vaccine</i>
Male	2.86 <sup>a</sup>	3.19	3.42	3.71	3.84	3.99
Female	3.12 <sup>b</sup>	3.12	3.33	3.48	3.90	4.05

**TAKE HOME:** Parents of male athletes rated federal protocols as more important to their children RE-ENGAGING in regular youth sports participation and competition than parents of female athletes.

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**SURVEY ITEM:** Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.

	<i>Fear of illness (Child)</i>	<i>Fear of illness (Parent)</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>	<i>Child injury</i>	<i>Team Doesn't Exist</i>
Male	3.40 <sup>a</sup>	3.24 <sup>a</sup>	2.98 <sup>a</sup>	2.44 <sup>a</sup>	2.68 <sup>a</sup>	2.89 <sup>a</sup>	2.59 <sup>a</sup>
Female	3.02 <sup>b</sup>	2.87 <sup>b</sup>	2.48 <sup>b</sup>	2.18 <sup>b</sup>	2.29 <sup>b</sup>	2.46 <sup>b</sup>	2.18 <sup>b</sup>

**NOTES:** Significant differences across sex are denoted by different superscripts. Matching superscripts are not significantly different from one another.

**Male**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	14.3%	14.0%	16.4%	27.7%	27.6%
	28.3%			55.3%	
Fear of Illness (Parent)	14.8%	17.2%	17.6%	30.4%	20.0%
	32.0%			50.4%	
Schedule conflicts	17.6%	22.4%	21.9%	20.6%	17.5%
	40.0%			38.1%	
Child not interested	38.4%	20.6%	12.6%	15.6%	12.8%
	59.0%			28.4%	
Transport difficulty	27.2%	23.0%	18.9%	16.7%	14.2%
	50.2%			30.9%	
Child injury	21.3%	20.6%	21.1%	21.7%	15.3%
	41.9%			37.0%	
Team Doesn't exist	33.7%	19.7%	15.4%	16.7%	14.5%
	53.4%			31.2%	

**Female**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	20.9%	16.4%	20.7%	24.0%	18.0%
	37.3%			42.0%	
Fear of Illness (Parent)	22.0%	20.9%	19.8%	23.2%	14.1%
	42.9%			37.3%	
Schedule conflicts	27.8%	28.1%	20.6%	15.4%	8.0%
	55.9%			23.4%	
Child not interested	43.1%	24.1%	13.2%	10.9%	8.7%
	67.2%			19.6%	
Transport difficulty	35.2%	28.5%	16.7%	11.3%	8.4%
	63.7%			19.7%	
Child injury	30.5%	25.6%	19.6%	16.2%	8.0%
	56.1%			24.2%	
Team Doesn't exist	42.3%	24.9%	14.1%	10.0%	8.7%
	67.2%			18.7%	



**TAKE HOME:** All seven potential barriers were perceived differently by parents across child sex: Fear of illness (child), fear of illness (parent), schedule conflicts, child interest, transport difficulty, child injury, and team doesn't exist. In all cases, parents of male athletes rated these factors as more likely to be a potential barrier to their child's sport participation.

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## 4.5 Differences by Household Income

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
\$0-\$49,999	399	31.6%
\$50,000-\$99,999	432	34.2%
\$100,000+	432	34.2%
<b>FULL SAMPLE</b>	<b>1263</b>	<b>100.0%</b>

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**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
\$0-\$49,999	28.1%	61.4%	10.5%
\$50,000-\$99,999	20.2%	65.6%	14.2%
\$100,000+	37.3%	50.5%	12.3%
<b>FULL SAMPLE</b>	<b>28.5%</b>	<b>59.1%</b>	<b>12.4%</b>

**TAKE HOME:** Parents making \$100,000+ reported the highest rates of FULL restrictions and parents making \$50,000-\$99,999 reported the highest rate of NO restrictions. The majority of parents in all three income brackets, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

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**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
\$0-\$49,999	48.6%	37.8%	13.5%
\$50,000-\$99,999	54.9%	36.0%	9.1%
\$100,000+	34.0%	45.8%	20.1%
<b>FULL SAMPLE</b>	<b>45.8%</b>	<b>40.0%</b>	<b>14.3%</b>

**TAKE HOME:** Children from families earning \$100,000 or more have resumed at a relatively higher level/amount (20.1%) than their less affluent counterparts (9.1% and 13.5%, respectively).

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>Free Play</i>	<i>Community-Based</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Travel/Elite or Club</i>
\$0-\$49,999	53.9%	33.1%	26.8%	25.8%	8.5%
\$50,000-\$99,999	49.5%	37.0%	26.4%	28.5%	12.0%
\$100,000+	60.4%	48.1%	38.0%	44.2%	16.0%
<b>FULL SAMPLE</b>	<b>54.6%</b>	<b>39.6%</b>	<b>30.5%</b>	<b>33.0%</b>	<b>12.3%</b>

**TAKE HOME:** Athletes from families earning \$100,000 or more are participating in travel/elite or club sports at a higher rate (16.0%) than children from less affluent households (between 8.5% to 12.0%, respectively). Between 49.5% and 60.4% of athletes in all three income brackets are engaging in free play in their primary sport.

**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<b>TOTAL</b>
\$0-\$49,999	3.49 <sup>ab</sup>	1.98 <sup>a</sup>	3.42 <sup>a</sup>	2.59 <sup>a</sup>	11.46 <sup>a</sup>
\$50,000-\$99,999	3.16 <sup>a</sup>	1.69 <sup>a</sup>	3.04 <sup>a</sup>	2.52 <sup>a</sup>	10.42 <sup>a</sup>
\$100,000+	3.97 <sup>b</sup>	2.95 <sup>b</sup>	4.16 <sup>b</sup>	3.70 <sup>b</sup>	14.75 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.54</b>	<b>2.22</b>	<b>3.54</b>	<b>2.95</b>	<b>12.23</b>

**NOTES:** Significant differences across household income are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

**TAKE HOME:** Athletes from families earning \$100,000 or more are participating in more hours of organized sport per week (14.75) than athletes from other income brackets (range: 10.42 to 11.46).

**SURVEY ITEM:** *Our family is now spending \_\_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
\$0-\$49,999	2.67
\$50,000-\$99,999	2.75
\$100,000+	3.13

**NOTE:** Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>
\$0-\$49,999	20.1%	22.8%	34.8%	14.5%	7.8%
	42.9%			22.3%	
\$50,000-\$99,999	14.2%	26.5%	35.8%	17.0%	6.5%
	40.7%			23.5%	
\$100,000+	9.5%	21.8%	29.4%	25.0%	14.4%
	31.3%			39.4%	

**TAKE HOME:** Parents from households earning \$100,000 or more reported spending more MONEY on their children’s youth sport participation than parents from less affluent households, compared to pre-pandemic levels.

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**SURVEY ITEM:** *Our family is now spending \_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>M</i>
\$0-\$49,999	2.66
\$50,000-\$99,999	2.69
\$100,000+	3.12

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>
\$0-\$49,999	18.3%	28.6%	28.6%	17.5%	7.0%
	46.9%			24.5%	
\$50,000-\$99,999	15.3%	31.4%	30.0%	15.6%	7.7%
	46.7%			23.3%	
\$100,000+	10.9%	23.8%	24.1%	24.8%	16.4%
	34.7%			41.2%	

**TAKE HOME:** Parents from households earning \$100,000 or more reported spending more TIME on their children’s youth sport participation than parents from less affluent households, compared to pre-pandemic levels.

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**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
\$0-\$49,999	3.58 <sup>a</sup>	3.50 <sup>a</sup>	3.34 <sup>a</sup>	3.26 <sup>a</sup>	3.37 <sup>a</sup>	3.05 <sup>a</sup>
\$50,000-\$99,999	3.82 <sup>b</sup>	3.63 <sup>a</sup>	3.51 <sup>b</sup>	3.38 <sup>a</sup>	3.50 <sup>a</sup>	3.16 <sup>a</sup>
\$100,000+	4.08 <sup>c</sup>	3.98 <sup>b</sup>	3.88 <sup>c</sup>	3.80 <sup>b</sup>	3.79 <sup>b</sup>	3.67 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.83</b>	<b>3.71</b>	<b>3.58</b>	<b>3.49</b>	<b>3.56</b>	<b>3.30</b>

**TAKE HOME:** Parents from families earning \$100,000 or more were more comfortable with their children participating in the various types of sport activities.

---

**SURVEY ITEM:** *Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.*

	<i>Federal protocols</i>	<i>State protocols</i>	<i>Local protocols</i>	<i>League, organization, or team protocols</i>	<i>Me getting a vaccine</i>	<i>My child getting a vaccine</i>
\$0-\$49,999	2.88 <sup>a</sup>	3.06	3.25 <sup>a</sup>	3.51	4.10 <sup>a</sup>	4.19
\$50,000-\$99,999	3.24 <sup>b</sup>	3.16	3.31 <sup>a</sup>	3.57	3.73 <sup>b</sup>	3.99
\$100,000+	2.82 <sup>a</sup>	3.24	3.54 <sup>b</sup>	3.69	3.80 <sup>b</sup>	3.91
<b>FULL SAMPLE</b>	<b>2.98</b>	<b>3.15</b>	<b>3.37</b>	<b>3.59</b>	<b>3.87</b>	<b>4.03</b>

**TAKE HOME:** Parents in families earning \$50,000-\$99,999 rated federal protocols as less important to their children RE-ENGAGING in regular youth sports participation and competition than parents from the other income brackets. Parents in families earning \$100,00 or more rated local protocols as less important to their children RE-ENGAGING in regular youth sports participation and competition than parents from the other income brackets. Finally, parents in families earning \$0-\$49,999 rated parent vaccination as less important to their children RE-ENGAGING in regular youth sports participation and competition than parents from the other income brackets.

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**SURVEY ITEM:** Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.

	<i>Fear of illness (Child)</i>	<i>Fear of illness (Parent)</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>	<i>Child injury</i>	<i>Team doesn't exist</i>
\$0-\$49,999	3.10 <sup>a</sup>	2.96 <sup>a</sup>	2.57 <sup>a</sup>	2.22 <sup>a</sup>	2.42 <sup>a</sup>	2.56 <sup>a</sup>	2.26 <sup>a</sup>
\$50,000-\$99,999	3.13 <sup>a</sup>	2.92 <sup>a</sup>	2.68 <sup>a</sup>	2.19 <sup>a</sup>	2.35 <sup>a</sup>	2.58 <sup>a</sup>	2.25 <sup>a</sup>
\$100,000+	3.39 <sup>b</sup>	3.27 <sup>b</sup>	2.93 <sup>b</sup>	2.51 <sup>b</sup>	2.67 <sup>b</sup>	2.87 <sup>b</sup>	2.63 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.21</b>	<b>3.05</b>	<b>2.73</b>	<b>2.31</b>	<b>2.48</b>	<b>2.67</b>	<b>2.38</b>

NOTES: Significant differences across household income are denoted by different superscripts. Household incomes with matching superscripts are not significantly different from one another.

**0-\$49,000**

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neither Agree nor Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
	1	2	3	4	5
Fear of Illness (Child)	17.0%	18.0%	21.6%	24.3%	19.0%
	35.0%			43.3%	
Fear of Illness (Parent)	18.5%	20.1%	24.1%	21.8%	15.5%
	38.6%			37.3%	
Schedule conflicts	25.3%	26.8%	23.8%	14.0%	10.0%
	52.1%			24.0%	
Child not interested	41.4%	22.3%	16.8%	12.0%	7.5%
	63.7%			19.5%	
Transport difficulty	33.6%	22.6%	20.3%	15.3%	8.3%
	56.2%			23.6%	
Child injury	28.8%	23.1%	22.3%	14.8%	11.0%
	51.9%			25.8%	
Team Doesn't exist	37.8%	23.6%	21.1%	9.5%	8.0%
	61.4%			17.5%	

**\$50,000-\$99,999**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	18.6%	16.3%	18.1%	27.7%	19.3%
	34.9%			47.0%	
Fear of Illness (Parent)	20.2%	20.7%	18.6%	27.4%	13.0%
	40.9%			40.4%	
Schedule conflicts	20.2%	28.8%	23.5%	17.7%	9.8%
	49.0%			27.5%	
Child not interested	41.4%	26.7%	11.2%	12.6%	8.1%
	68.1%			20.7%	
Transport difficulty	30.7%	31.6%	18.1%	10.7%	8.8%
	62.3%			19.5%	
Child injury	25.6%	25.3%	23.0%	17.4%	8.6%
	50.9%			26.0%	
Team Doesn't exist	40.0%	25.3%	12.8%	13.5%	8.4%
	65.3%			21.9%	

**\$100,000+**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	16.9%	12.0%	16.0%	25.5%	29.6%
	28.9%			55.1%	
Fear of Illness (Parent)	16.2%	16.7%	13.7%	31.0%	22.5%
	32.9%			53.5%	
Schedule conflicts	22.9%	20.1%	16.4%	22.2%	18.3%
	43.0%			40.5%	
Child not interested	39.6%	17.8%	10.9%	15.5%	16.2%
	57.4%			31.7%	
Transport difficulty	29.6%	22.7%	15.0%	16.0%	16.7%
	52.3%			32.7%	
Child injury	23.4%	20.8%	16.2%	24.3%	15.3%
	44.2%			39.6%	
Team Doesn't exist	36.1%	18.1%	10.9%	16.9%	18.1%
	54.2%			35.0%	

**TAKE HOME:** All seven potential barriers were perceived differently by parents across income groupings: Fear of illness (child), fear of illness (parent), schedule conflicts, child interest, transport difficulty, child injury, and team doesn't exist. In all cases, families reporting \$100,000 or more rated these factors as more likely to be a potential barrier to their child's sport participation.

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## 4.6 Differences by Child Age

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
6-10	404	32.0%
11-14	492	38.9%
15-18	367	29.1%
<b>FULL SAMPLE</b>	<b>1263</b>	<b>100.0%</b>

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**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
6-10	34.4%	55.4%	10.1%
11-14	30.1%	57.9%	12.0%
15-18	20.0%	64.7%	15.3%
<b>FULL SAMPLE</b>	<b>28.5%</b>	<b>59.1%</b>	<b>12.4%</b>

**TAKE HOME:** Athletes aged 6-10 had the highest rate of FULL restrictions and athletes aged 15-18 had the highest rate of NO restrictions. The majority of parents across all three groups, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

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**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
6-10	43.8%	42.6%	13.6%
11-14	45.5%	38.0%	16.5%
15-18	48.2%	39.7%	12.1%
<b>FULL SAMPLE</b>	<b>45.8%</b>	<b>40.0%</b>	<b>14.3%</b>

**TAKE HOME:** Athletes aged 11 to 14 have resumed at a relatively higher level/amount (16.5%) than their younger and older counterparts (13.6% and 12.1%, respectively).

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>Free Play</i>	<i>Community-Based</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Travel/Elite or Club</i>
6-10	57.2%	43.3%	27.0%	25.5%	8.2%
11-14	58.5%	41.1%	32.7%	32.9%	14.6%
15-18	46.6%	33.5%	31.3%	41.4%	13.6%

**TAKE HOME:** Athletes aged 6-10 are participating in travel/elite or club sports at a lower rate (8.2%) than their older counterparts (between 13.6% and 14.6%, respectively). More than half the athletes in the lower two age brackets are engaging in free play in their primary sport.

**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<b>TOTAL</b>
6-10	4.03 <sup>a</sup>	2.51	3.18	3.05	12.76
11-14	3.23 <sup>b</sup>	2.14	3.54	2.81	11.71
15-18	3.43 <sup>ab</sup>	1.99	3.95	3.01	12.36
<b>FULL SAMPLE</b>	3.54	2.22	3.54	2.95	12.23

**NOTES:** Significant differences across age groups are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

**TAKE HOME:** No meaningful differences emerged in athletes’ sport participation hours per week.

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
6-10	2.97
11-14	2.90
15-18	2.67

**NOTE:** Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Substantially More</i> 5
6-10	10.9%	23.0%	34.9%	20.5%	10.6%
	33.9%			31.1%	
11-14	12.6%	25.4%	31.5%	20.1%	10.4%
	38.0%			30.5%	
15-18	20.8%	22.2%	34.0%	15.6%	7.4%
	43.0%			23.0%	

**TAKE HOME:** There were no significant differences by child age on how much MONEY parents report spending in youth sport, compared to pre-pandemic levels.

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>M</i>
6-10	2.85
11-14	2.89
15-18	2.72

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Substantially More</i> 5
6-10	13.9%	28.2%	29.0%	17.3%	11.6%
	42.1%			28.9%	
11-14	13.0%	28.5%	25.4%	22.6%	10.6%
	41.5%			33.2%	
15-18	18.1%	26.8%	28.8%	17.3%	9.0%
	44.9%			26.3%	

**TAKE HOME:** There were no significant differences by child age on how much TIME parents report spending in youth sport, compared to pre-pandemic levels.

**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
6-10	3.82 <sup>a</sup>	3.73 <sup>a</sup>	3.54	3.41	3.57 <sup>ab</sup>	3.27
11-14	3.97 <sup>b</sup>	3.81 <sup>a</sup>	3.65	3.58	3.65 <sup>a</sup>	3.38
15-18	3.67 <sup>a</sup>	3.55 <sup>b</sup>	3.54	3.45	3.43 <sup>b</sup>	3.23
<b>FULL SAMPLE</b>	<b>3.83</b>	<b>3.71</b>	<b>3.58</b>	<b>3.49</b>	<b>3.56</b>	<b>3.30</b>

**TAKE HOME:** Parents of 11- to 14-year-olds were more comfortable with their children participating in individual, neighborhood, and community sport activities. There were no statistical differences across age groups in the other sport contexts.

**SURVEY ITEM:** Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.

	Federal protocols	State protocols	Local protocols	League, organization, or team protocols	Me getting a vaccine	My child getting a vaccine
6-10	2.83	3.06	3.29	3.58	3.89	4.35 <sup>a</sup>
11-14	3.08	3.17	3.39	3.56	3.88	3.91 <sup>b</sup>
15-18	3.01	3.24	3.44	3.66	3.83	3.82 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>2.98</b>	<b>3.15</b>	<b>3.37</b>	<b>3.59</b>	<b>3.87</b>	<b>4.03</b>

**TAKE HOME:** Parents in families with children aged 6- to 10-years-old rated child vaccinations as less important to their children RE-ENGAGING in regular youth sports participation and competition than parents with older children.

**SURVEY ITEM:** Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.

	Fear of illness (Child)	Fear of illness (Parent)	Schedule conflicts	Child not interested	Transport difficulty	Child injury	Team doesn't exist
6-10	3.18	3.05	2.80	2.46 <sup>a</sup>	2.53 <sup>a</sup>	2.82 <sup>a</sup>	2.55 <sup>a</sup>
11-14	3.27	3.08	2.75	2.30 <sup>ab</sup>	2.55 <sup>a</sup>	2.72 <sup>a</sup>	2.44 <sup>a</sup>
15-18	3.16	3.02	2.61	2.16 <sup>b</sup>	2.33 <sup>b</sup>	2.45 <sup>b</sup>	2.13 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.21</b>	<b>3.05</b>	<b>2.73</b>	<b>2.31</b>	<b>2.48</b>	<b>2.67</b>	<b>2.38</b>

**NOTES:** Significant differences across age groups are denoted by different superscripts. Age groups with matching superscripts are not significantly different from one another.

**6-10 Years Old**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	18.1%	16.8%	18.3%	22.8%	24.0%
	34.9%			46.8%	
Fear of Illness (Parent)	16.3%	21.8%	19.1%	25.7%	17.1%
	38.1%			42.8%	
Schedule conflicts	21.0%	25.7%	19.8%	18.8%	14.6%
	46.7%			33.4%	
Child not interested	36.4%	21.8%	14.1%	15.3%	12.4%
	58.2%			27.7%	
Transport difficulty	30.7%	25.2%	18.1%	11.9%	14.1%
	55.9%			26.0%	
Child injury	20.0%	25.7%	20.3%	20.0%	13.9%
	45.7%			33.9%	
Team Doesn't exist	32.7%	20.8%	18.8%	14.6%	13.1%
	53.5%			27.7%	

**11-14 Years Old**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	15.7%	15.9%	17.9%	26.6%	24.0%
	31.6%			50.6%	
Fear of Illness (Parent)	18.1%	19.5%	17.9%	25.6%	18.9%
	37.6%			44.5%	
Schedule conflicts	23.6%	24.4%	18.7%	19.7%	13.6%
	48.0%			33.3%	
Child not interested	41.1%	22.6%	11.9%	14.0%	10.4%
	63.7%			24.4%	
Transport difficulty	29.3%	25.2%	18.5%	14.8%	12.2%
	54.5%			27.0%	
Child injury	24.2%	23.0%	21.1%	20.1%	11.6%
	47.2%			31.7%	
Team Doesn't exist	36.6%	23.2%	13.4%	13.4%	13.4%
	59.8%			26.8%	

**15-18 Years Old**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>		<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	
Fear of Illness (Child)	19.5%	13.2%	19.5%	28.2%	19.7%	
	32.7%			47.9%		
Fear of Illness (Parent)	20.8%	15.6%	19.2%	29.9%	14.5%	
	36.4%			44.4%		
Schedule conflicts	23.6%	25.8%	26.0%	15.1%	9.6%	
	49.4%			24.7%		
Child not interested	45.2%	22.5%	12.6%	10.4%	9.3%	
	67.7%			19.7%		
Transport difficulty	34.5%	26.8%	16.4%	15.1%	7.1%	
	61.3%			22.2%		
Child injury	34.5%	20.3%	19.7%	16.2%	9.3%	
	54.8%			25.5%		
Team Doesn't exist	45.8%	22.7%	12.1%	12.1%	7.4%	
	68.5%			19.5%		

**TAKE HOME:** There were four potential barriers that were perceived differently by parents across region: child interest, transport difficulty, injury, and team doesn't exist. In all cases, parents 6- to 10-year-olds and 11- to 14-year-olds rated these factors as more likely to be a potential barrier to their child's sport participation than parents of 15- to 18-year-olds.

## 4.7 Differences by Primary Sport

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
Basketball	495	39.2%
Soccer	362	28.7%
Baseball	269	21.3%
<b>FULL SAMPLE</b>	<b>1126</b>	<b>89.1%</b>

*NOTE:* Due to small sample sizes, group differences could not be calculated across all primary sports. The three most represented sports (*Basketball, soccer, baseball*) were therefore compared across the variables of interest.

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**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
Basketball	34.1%	56.3%	9.6%
Soccer	25.6%	59.4%	15.0%
Baseball	36.2%	53.5%	10.2%

**TAKE HOME:** Athletes participating in baseball had the highest rate of FULL restrictions and athletes participating in soccer had the highest rate of NO restrictions. The majority of parents across all three sports, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

---

**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
Basketball	44.0%	38.7%	17.2%
Soccer	44.9%	39.6%	15.5%
Baseball	36.2%	47.2%	16.5%

**TAKE HOME:** Athletes in these three sports have resumed at roughly the same rate.

---

**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>Free Play</i>	<i>Community-Based</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Travel/Elite or Club</i>
Basketball	57.8%	57.0%	35.2%	36.7%	12.5%
Soccer	60.9%	45.7%	37.1%	31.5%	12.6%
Baseball	56.0%	39.6%	30.0%	34.8%	12.1%

**TAKE HOME:** There are very few differences across sport in how athletes are engaging in free play and travel/elite or club sports in their primary sport.

**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<b>TOTAL</b>
Basketball	3.76	2.54 <sup>ab</sup>	3.59	3.33 <sup>a</sup>	13.19 <sup>a</sup>
Soccer	3.52	2.05 <sup>a</sup>	3.11	2.77 <sup>a</sup>	11.45 <sup>a</sup>
Baseball	4.50	3.32 <sup>b</sup>	4.48	4.49 <sup>b</sup>	16.78 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.83</b>	<b>2.53</b>	<b>3.61</b>	<b>3.38</b>	<b>13.34</b>

*NOTES:* Significant differences across sports are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

**TAKE HOME:** Baseball athletes are participating in more hours of organized sport per week (16.78) than athletes from the other primary sports (range: 11.45 to 13.19).

**SURVEY ITEM:** *Our family is now spending \_\_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
Basketball	2.98
Soccer	2.87
Baseball	2.96

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).



	<i>Substantially Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Substantially More</i> 5
Basketball	11.9%	23.2%	30.8%	23.5%	10.6%
	35.1%			34.1%	
Soccer	12.6%	24.6%	36.2%	16.4%	10.1%
	37.2%			26.5%	
Baseball	14.2%	21.3%	33.1%	17.3%	14.2%
	35.5%			31.5%	

**TAKE HOME:** There were no significant differences by primary sport on how much MONEY parents report spending in youth sport, compared to pre-pandemic levels.

**SURVEY ITEM:** *Our family is now spending \_\_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>M</i>
Basketball	2.99
Soccer	2.95
Baseball	3.00

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less</i> 1	<i>A Little Less</i> 2	<i>About the Same</i> 3	<i>A Little More</i> 4	<i>Substantially More</i> 5
Basketball	10.6%	28.1%	25.8%	22.5%	12.9%
	38.7%			35.4%	
Soccer	11.6%	24.2%	32.9%	20.3%	11.1%
	35.8%			31.4%	
Baseball	11.0%	26.8%	27.6%	20.5%	14.2%
	37.8%			34.7%	

**TAKE HOME:** There were no significant differences by primary sport on how much TIME parents report spending in youth sport, compared to pre-pandemic levels.

**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
Basketball	3.96	3.80	3.66	3.62	3.60	3.37 <sup>a</sup>
Soccer	3.96	3.85	3.73	3.58	3.71	3.39 <sup>a</sup>
Baseball	3.96	3.86	3.89	3.73	3.87	3.69 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.96</b>	<b>3.83</b>	<b>3.73</b>	<b>3.63</b>	<b>3.69</b>	<b>3.44</b>

**TAKE HOME:** There were no significant differences by sport on how comfortable parents were with their children participating in the various types of sport activities. The only exception was in the context of travel/elite or club sports, where parents of baseball players were more comfortable than parents of basketball and soccer athletes.

**SURVEY ITEM:** Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.

	Federal protocols	State protocols	Local protocols	League, organization, or team protocols	Me getting a vaccine	My child getting a vaccine
Basketball	2.91	3.08	3.36	3.64	3.91	4.11
Soccer	3.13	3.27	3.40	3.46	3.80	3.95
Baseball	2.75	3.12	3.40	3.43	3.96	4.34
<b>FULL SAMPLE</b>	<b>2.95</b>	<b>3.15</b>	<b>3.38</b>	<b>3.54</b>	<b>3.88</b>	<b>4.10</b>

**TAKE HOME:** No significant differences emerged on these factors across sports.

**SURVEY ITEM:** Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.

	Fear of illness (Child)	Fear of illness (Parent)	Schedule conflicts	Child not interested	Transport difficulty	Child injury	Team Doesn't exist
Basketball	3.45 <sup>a</sup>	3.21	2.87	2.47 <sup>a</sup>	2.70 <sup>a</sup>	2.82	2.66 <sup>a</sup>
Soccer	3.13 <sup>b</sup>	2.96	2.78	2.21 <sup>b</sup>	2.35 <sup>b</sup>	2.64	2.35 <sup>b</sup>
Baseball	3.28 <sup>ab</sup>	3.19	2.96	2.59 <sup>a</sup>	2.66 <sup>a</sup>	2.96	2.66 <sup>a</sup>
<b>FULL SAMPLE</b>	<b>3.31</b>	<b>3.12</b>	<b>2.86</b>	<b>2.41</b>	<b>2.58</b>	<b>2.79</b>	<b>2.56</b>

**NOTES:** Significant differences across sports are denoted by different superscripts. Sports with matching superscripts are not significantly different from one another.

Basketball	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>Disagree</i>	<i>Agree</i>		<i>Disagree</i>	<i>Agree</i>
	1	2		3	4
Fear of Illness (Child)	12.9%	13.2%	19.5%	24.5%	29.8%
	26.1%			54.3%	
Fear of Illness (Parent)	16.2%	17.2%	18.9%	24.8%	22.8%
	33.4%			47.6%	
Schedule conflicts	20.5%	20.5%	23.5%	22.5%	12.9%
	41.0%			35.4%	
Child not interested	36.8%	20.9%	15.1%	12.6%	14.6%
	47.7%			27.2%	
Transport difficulty	26.2%	22.2%	19.5%	20.2%	11.9%
	48.4%			32.1%	
Child injury	23.8%	20.2%	19.5%	22.8%	13.6%
	44.0%			36.4%	
Team Doesn't exist	32.1%	18.9%	16.9%	15.2%	16.9%
	51.0%			32.1%	

Soccer	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>Disagree</i>	<i>Agree</i>		<i>Disagree</i>	<i>Agree</i>
	1	2		3	4
Fear of Illness (Child)	19.3%	15.5%	16.4%	30.9%	17.9%
	34.8%			48.8%	
Fear of Illness (Parent)	21.3%	16.4%	22.2%	25.1%	15.0%
	37.7%			40.1%	
Schedule conflicts	21.7%	25.1%	20.8%	17.9%	14.5%
	46.8%			32.4%	
Child not interested	43.5%	23.2%	11.1%	13.5%	8.7%
	66.7%			22.2%	
Transport difficulty	34.8%	29.0%	13.5%	12.1%	10.6%
	63.8%			22.7%	
Child injury	29.0%	20.8%	17.9%	21.7%	10.6%
	49.8%			32.3%	
Team Doesn't exist	36.7%	25.1%	15.0%	13.0%	10.1%
	61.8%			23.1%	

**Baseball**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
Fear of Illness (Child)	18.1%	15.0%	15.0%	25.2%	26.8%
	33.1%			52.0%	
Fear of Illness (Parent)	17.3%	16.5%	15.7%	30.7%	19.7%
	33.8%			50.4%	
Schedule conflicts	19.7%	25.2%	17.3%	15.0%	22.8%
	44.9%			37.8%	
Child not interested	36.2%	18.9%	11.1%	17.3%	16.5%
	55.1%			33.8%	
Transport difficulty	32.3%	19.7%	15.7%	14.2%	18.1%
	52.0%			32.3%	
Child injury	22.8%	18.9%	18.1%	19.7%	20.5%
	41.7%			40.2%	
Team Doesn't exist	35.4%	17.3%	11.0%	18.1%	18.1%
	52.7%			36.2%	

**TAKE HOME:** There were four potential barriers that were perceived differently by parents across primary sport: Fear of illness (child), child interest, transport difficulty, and team doesn't exist. In all cases, parents of basketball and baseball athletes rated these factors as more likely to be a potential barrier to their child's sport participation than parents of soccer athletes.

## 4.8 Differences by State

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### THE ANALYZED SAMPLE:

	<i>n</i>	<i>% of sample</i>
California	178	14.1%
New York	165	13.1%
Texas	118	9.3%
Florida	98	7.8%
<b>FULL SAMPLE</b>	<b>559</b>	<b>44.3%</b>

*NOTE:* Due to small sample sizes, group differences could not be calculated across all primary sports. The four most represented states (*California, New York, Texas, Florida*) were therefore compared across the variables of interest.

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**SURVEY ITEM:** *Please describe the current COVID-19 RESTRICTIONS that may be limiting your child's sport participation and/or competition.*

	<i>FULL Restrictions</i>	<i>PARTIAL Restrictions</i>	<i>NO Restrictions</i>
California	29.6%	60.3%	10.1%
New York	38.8%	52.1%	9.1%
Texas	29.7%	54.2%	16.1%
Florida	27.6%	56.1%	16.3%

**TAKE HOME:** Athletes from New York had the highest rate of FULL restrictions and athletes from Florida had the highest rate of NO restrictions. The majority of parents from all four states, however, suggested that their children's sport participation is being limited by PARTIAL restrictions.

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**SURVEY ITEM:** *Has your child resumed SPORT PARTICIPATION?*

	<i>LOWER level/amount</i>	<i>SAME level/amount</i>	<i>HIGHER level/amount</i>
California	49.7%	35.8%	14.5%
New York	32.7%	40.6%	26.7%
Texas	44.1%	43.2%	12.7%
Florida	48.0%	39.8%	12.2%

**TAKE HOME:** Athletes from New York have resumed at a relatively higher level/amount (26.7%) than athletes from the other three states (12.2%, 12.7%, and 14.5%, respectively).

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**SURVEY ITEM:** *In your child’s PRIMARY SPORT, what contexts have they been participating in over the past month?*

	<i>Free Play</i>	<i>Community-Based</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Travel/Elite or Club</i>
California	55.9%	45.8%	29.6%	34.6%	12.8%
New York	61.8%	47.9%	38.2%	43.0%	12.7%
Texas	54.2%	33.1%	30.5%	27.1%	6.8%
Florida	49.0%	32.7%	38.8%	26.5%	9.2%

**TAKE HOME:** Athletes in Texas are participating in travel/elite or club sports at a lower rate (6.8%) than their counterparts from the other three states (between 9.2% to 12.8%, respectively). More than half the athletes in California, New York, and Texas are engaging in free play in their primary sport (Florida: 49.0%).

**SURVEY ITEM:** *Over the last week, how many HOURS did your child engage in the following types of sport participation?*

	<i>Pickup/Free play</i>	<i>Virtual Training</i>	<i>Focused Practice or Drills</i>	<i>Games or Competition</i>	<b>TOTAL</b>
California	3.88	2.77	4.00	3.55	14.20
New York	4.11	3.27	3.47	3.71	14.53
Texas	3.71	2.41	3.84	3.09	13.05
Florida	3.16	2.64	3.53	2.94	12.28
<b>FULL SAMPLE</b>	<b>3.78</b>	<b>2.82</b>	<b>3.73</b>	<b>3.39</b>	<b>13.72</b>

**NOTES:** Significant differences across states are denoted by different superscripts. Cells with matching superscripts are not significantly different from one another.

**TAKE HOME:** Athletes from California and New York are participating in more hours of organized sport per week (14.20 and 14.53, respectively) than athletes from Texas and Florida (12.28 and 13.05, respectively).

**SURVEY ITEM:** *Our family is now spending \_\_\_\_ MONEY than we did before the pandemic on this child's youth sports participation.*

	<b>M</b>
California	2.82 <sup>ab</sup>
New York	3.08 <sup>a</sup>
Texas	2.65 <sup>b</sup>
Florida	2.93 <sup>ab</sup>

**NOTE:** Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>
California	13.4%	30.7%	22.9%	26.3%	6.7%
	44.1%			33.0%	
New York	10.9%	21.2%	27.3%	29.7%	10.9%
	32.1%			40.6%	
Texas	22.9%	18.6%	36.4%	14.4%	7.6%
	41.5%			22.0%	
Florida	7.1%	26.5%	38.8%	21.4%	6.1%
	33.6%			27.5%	

**TAKE HOME:** Families from New York reported now spending significantly more MONEY (3.08) than families from Texas (2.65). Florida and California families were not significantly different from any other state.

**SURVEY ITEM:** *Our family is now spending \_\_\_\_\_ TIME than we did before the pandemic on this child's youth sports participation.*

	<i>M</i>
California	2.92
New York	3.13
Texas	2.73
Florida	2.93

*NOTE:* Data were collected on a scale ranging from 1 (*substantially less*) to 5 (*substantially more*).

	<i>Substantially Less 1</i>	<i>A Little Less 2</i>	<i>About the Same 3</i>	<i>A Little More 4</i>	<i>Substantially More 5</i>
California	13.4%	30.2%	19.0%	25.7%	11.7%
	43.6%			37.4%	
New York	11.5%	21.2%	26.1%	24.8%	16.4%
	32.7%			41.2%	
Texas	18.6%	26.3%	28.0%	17.8%	9.3%
	44.9%			27.1%	
Florida	14.3%	22.4%	33.7%	15.3%	14.3%
	36.7%			29.6%	

**TAKE HOME:** There were no significant differences by state on how much TIME parents report spending in youth sport, compared to pre-pandemic levels.

**SURVEY ITEM:** *How comfortable are you right now with your child participating in the following types of sport activities?*

	<i>Individual</i>	<i>Neighborhood</i>	<i>Intramural</i>	<i>Interscholastic</i>	<i>Community</i>	<i>Travel/Elite or Club</i>
California	3.64 <sup>b</sup>	3.46 <sup>b</sup>	3.32 <sup>b</sup>	3.25 <sup>c</sup>	3.35 <sup>b</sup>	3.12 <sup>b</sup>
New York	4.02 <sup>a</sup>	3.94 <sup>a</sup>	3.83 <sup>a</sup>	3.70 <sup>a</sup>	3.79 <sup>a</sup>	3.59 <sup>a</sup>
Texas	3.66 <sup>bc</sup>	3.62 <sup>b</sup>	3.56 <sup>b</sup>	3.53 <sup>ab</sup>	3.52 <sup>ab</sup>	3.26 <sup>b</sup>
Florida	3.96 <sup>ac</sup>	3.70 <sup>ab</sup>	3.58 <sup>ab</sup>	3.36 <sup>bc</sup>	3.35 <sup>b</sup>	3.22 <sup>b</sup>
<b>FULL SAMPLE</b>	<b>3.81</b>	<b>3.68</b>	<b>3.57</b>	<b>3.46</b>	<b>3.52</b>	<b>3.31</b>

**TAKE HOME:** Parents in New York were most comfortable with their children participating in the various types of sport activities.

**SURVEY ITEM:** *Please drag and drop (in order of importance, from 1 to 6) the statements that will make you feel most comfortable about your children RE-ENGAGING in regular youth sports participation and competition.*

	<i>Federal protocols</i>	<i>State protocols</i>	<i>Local protocols</i>	<i>League, organization, or team protocols</i>	<i>Me getting a vaccine</i>	<i>My child getting a vaccine</i>
California	2.90	3.06	3.26	4.04	3.92	3.81
New York	2.78	3.07	3.58	3.61	4.05	3.92
Texas	2.81	2.93	3.34	3.77	3.99	4.16
Florida	2.71	3.01	3.52	3.74	3.91	4.10
<b>FULL SAMPLE</b>	<b>2.81</b>	<b>3.03</b>	<b>3.42</b>	<b>3.81</b>	<b>3.97</b>	<b>3.97</b>

**TAKE HOME:** No significant differences emerged on these factors across states.

**SURVEY ITEM:** *Please indicate your level of agreement with the following statements about potential barriers to your child's sport participation.*

	<i>Fear of illness (Child)</i>	<i>Fear of illness (Parent)</i>	<i>Schedule conflicts</i>	<i>Child not interested</i>	<i>Transport difficulty</i>	<i>Child Injury</i>	<i>Team doesn't exist</i>
California	3.20	2.99 <sup>b</sup>	2.77	2.19 <sup>b</sup>	2.48	2.66 <sup>b</sup>	2.36 <sup>b</sup>
New York	3.56	3.46 <sup>a</sup>	3.06	2.67 <sup>a</sup>	2.79	3.07 <sup>a</sup>	2.77 <sup>a</sup>
Texas	3.28	2.94 <sup>b</sup>	2.72	2.23 <sup>b</sup>	2.39	2.51 <sup>b</sup>	2.41 <sup>b</sup>
Florida	3.33	3.12 <sup>b</sup>	2.78	2.41 <sup>ab</sup>	2.58	2.70 <sup>b</sup>	2.47 <sup>ab</sup>
<b>FULL SAMPLE</b>	<b>3.34</b>	<b>3.14</b>	<b>2.85</b>	<b>2.38</b>	<b>2.57</b>	<b>2.76</b>	<b>2.51</b>

**NOTES:** Significant differences across states are denoted by different superscripts. States with matching superscripts are not significantly different from one another.



California	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>Disagree</i>	<i>Agree</i>		<i>Disagree</i>	<i>Agree</i>
	1	2		3	4
Fear of Illness (Child)	15.6%	15.6%	24.6%	21.2%	22.9%
	31.2%			44.1%	
Fear of Illness (Parent)	17.9%	23.5%	17.9%	22.9%	17.9%
	41.4%			40.8%	
Schedule conflicts	20.7%	26.3%	19.6%	22.3%	11.2%
	47.0%			33.5%	
Child not interested	41.9%	25.7%	11.1%	14.0%	7.3%
	67.6%			21.3%	
Transport difficulty	27.4%	30.2%	20.1%	11.7%	10.6%
	57.6%			22.3%	
Child injury	21.2%	27.4%	22.3%	22.3%	6.7%
	48.6%			29.0%	
Team Doesn't exist	33.5%	28.5%	16.8%	11.2%	10.1%
	62.0%			21.3%	

New York	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>Disagree</i>	<i>Agree</i>		<i>Disagree</i>	<i>Agree</i>
	1	2		3	4
Fear of Illness (Child)	13.9%	11.5%	10.9%	32.1%	31.5%
	25.4%			63.6%	
Fear of Illness (Parent)	12.1%	13.3%	16.4%	32.7%	25.5%
	25.4%			58.2%	
Schedule conflicts	18.8%	17.6%	23.6%	18.8%	21.2%
	36.4%			40.0%	
Child not interested	33.3%	19.4%	10.9%	19.4%	17.0%
	52.7%			36.4%	
Transport difficulty	25.5%	21.8%	17.0%	19.4%	16.4%
	47.3%			35.8%	
Child injury	20.6%	16.4%	19.4%	23.0%	20.6%
	37.0%			43.6%	
Team Doesn't exist	31.5%	15.2%	16.4%	18.8%	18.2%
	46.7%			37.0%	

**Texas**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	13.6%	16.1%	22.0%	25.4%	22.9%
	29.7%			48.3%	
Fear of Illness (Parent)	20.3%	21.2%	19.6%	22.0%	16.9%
	41.5%			38.9%	
Schedule conflicts	24.6%	22.0%	22.0%	19.5%	11.9%
	46.6%			31.4%	
Child not interested	40.7%	26.3%	12.6%	10.2%	10.2%
	67.0%			20.4%	
Transport difficulty	34.7%	22.9%	20.4%	12.7%	9.3%
	57.6%			22.0%	
Child injury	30.5%	24.6%	19.5%	14.4%	11.0%
	55.1%			25.4%	
Team Doesn't exist	33.9%	25.4%	16.1%	15.3%	9.3%
	59.3%			24.6%	

**Florida**

	<i>Strongly Disagree</i>		<i>Neither Agree nor Disagree</i>	<i>Strongly Agree</i>	
	<i>1</i>	<i>2</i>		<i>4</i>	<i>5</i>
Fear of Illness (Child)	17.3%	13.3%	12.2%	33.7%	23.5%
	30.6%			57.2%	
Fear of Illness (Parent)	14.3%	18.4%	19.4%	36.7%	11.2%
	32.7%			47.9%	
Schedule conflicts	23.5%	22.4%	21.4%	18.4%	14.3%
	45.9%			32.7%	
Child not interested	37.8%	19.4%	14.3%	21.4%	7.1%
	57.2%			28.5%	
Transport difficulty	31.6%	22.4%	17.4%	13.3%	15.3%
	54.0%			28.6%	
Child injury	22.4%	25.5%	18.5%	26.5%	7.1%
	47.9%			33.6%	
Team Doesn't exist	39.8%	18.4%	12.2%	14.3%	15.3%
	58.2%			29.6%	

**TAKE HOME:** There were four potential barriers that were perceived differently by parents across region: Fear of illness (parent), child interest, injury, and team doesn't exist. In all cases, parents from New York rated these factors as more likely to be a potential barrier to their child's sport participation than parents from the other three states.

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