

In December/2019 there were the following securities and derivatives operations, in accordance with article 11 of CVM Instruction 358/2002.

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	( ) Board of Directors	( ) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	( ) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		9.920	0,000005%		0,000005%
<b>Activity in the month</b>						
Security / Derivative	Security Description	Intermediary	Deal	Quantity	Price	Volume (R\$)
Shares	Common Registered	N/A	Buy	19.232	7,6928	147.947,93
<b>Total Buy</b>				<b>19.232</b>		<b>147.947,93</b>
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	19.232	15,2000	292.326,40
<b>Total Sale</b>				<b>19.232</b>		<b>292.326,40</b>
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		9.920	0,000005%		0,000005%

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	( ) Board of Directors	(X) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	( ) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		205.965	0,008507%		0,008507%
<b>Activity in the month</b>						
Security / Derivative	Security Description	Intermediary	Deal	Quantity	Price	Volume (R\$)
Shares	Common Registered	N/A	Compensation Plan	14.901	11,7500	175.086,75
<b>Total Compensation Plan</b>				<b>14.901</b>		<b>175.086,75</b>
Shares	Common Registered	N/A	Buy	58.483	7,6928	449.898,02
Shares	Common Registered	N/A	Buy	14.031	7,6074	106.739,43
Shares	Common Registered	N/A	Buy	77.241	7,2879	562.924,68
<b>Total Buy</b>				<b>149.755</b>		<b>1.119.562,13</b>
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	36.300	14,6056	530.182,00
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	36.300	14,6853	533.075,00
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	36.300	14,8435	538.820,00
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	36.300	15,0320	545.660,00
<b>Total Sale</b>				<b>145.200</b>		<b>2.147.737,00</b>
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		225.421	0,009311%		0,009311%

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<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0,000000%		0,000000%
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0,000000%		0,000000%

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Group and Related Parties	( ) Board of Directors	( ) Executive Management	( ) Fiscal Council	(X) Technical or Advisory Bodies	( ) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0,000000%		0,000000%
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0,000000%		0,000000%

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	( ) Board of Directors	( ) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	(X) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity*	Same Type / Class	% Share	Total
Shares	Common Registered		1.611.969,946	66,581922%		66,581922%
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		1.611.969,946	66,581922%		66,581922%

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	( ) Board of Directors	( ) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	( ) Controlling Shareholder	(X) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0,000000%		0,000000%
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0,000000%		0,000000%